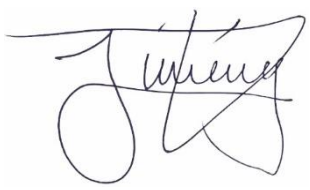


<b>Name of the Center:</b> Millennium Institute for Research in Depression and Personality	
Type (Institute or Nucleus)	Institute
Acronym	MIDAP
Reported period	January 1 to December 31, 2020
Starting date of the Center	December 24 <sup>th</sup> , 2014
Web Page	www.midap.org
Host Institution(s)	Pontificia Universidad Católica de Chile, Universidad de Chile, Universidad del Desarrollo, Universidad de la Frontera, Universidad de Valparaíso, Universidad Diego Portales.
Address	Vicuña Mackenna 4860, Macul, Santiago 7820436, Chile
Stage	Continuity
End date of the Center	December 24 <sup>th</sup> , 2024
Total amount	USD \$4,493,000 for 10 years
Total amount for the reported period	USD \$414,150

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### **Declaración de Singapur**

*Por este medio declaro que la información entregada en esta memoria anual es fidedigna, y que adhiero a la Declaración de Singapur, contenida en la Resolución Exenta N° 157 del 24 de enero de 2013 de Conicyt, como guía global para una conducta responsable en la investigación.*

<i>Institute Director Name</i>	<i>Institute Alternate Director Name</i>
Juan Pablo Jiménez	Marcia Olhaberry
<i>Director's Signature</i>	<i>Alternate Director's Signature</i>
	

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## 1. Executive Summary

a) **Executive Summary:** MIDAP's main objective is to generate scientific knowledge based on a multidimensional understanding of depression in interaction with personality. A particular aim of this research agenda is to maximize the effectiveness of interventions in prevention, psychotherapy and rehabilitation. During 2020, MIDAP's activities, including research, were profoundly impacted by the effects of the Covid-19 pandemic. In its sixth year of operation, MIDAP's scientific team includes over 180 researchers, students, collaborators, and technicians who belong to its six host institutions as well as to other Chilean and foreign institutions. We summarize the scientific activity of MIDAP that was organized around four basic lines of research, each of which includes a number of specific interdisciplinary studies.

**L1: Basic structures and bio-psycho-social processes.** During 2020 the scientific activity in L1 was particularly strong, uncovering disease mechanisms, conducting basic psychological research, understanding risk factors, and adapting instrumentation for local use. L1 studies continue this year to provide evidence in support of MIDAP's multidimensional model that understands depression nested within personality and receiving influences from cultural, biological and psychological variables. Many studies focused on social determinants in mental health were conducted this year, in view of the 2019 social outburst and the effects of the Covid-19 pandemic. Scientific activity within L1 focused on vulnerable samples including sexual minorities and more generally adolescents. Disease mechanisms for depression and other adverse mental health outcomes were explored, including personality dysfunction and emotional dysregulation. Stigma has emerged as an important area of MIDAP research in this area. Instrument development, adaptation and validation was an area of string development during 2020, broadening the availability of novel research tools for the local scientific community. Even though most laboratory work was halted during 2020 due to the pandemic –particularly studies involving face-to-face laboratory work– some articles were published covering basic, experimental research, using data collected in previous years. Finally, MIDAP engage in studies to explore the detrimental effects of mental health of the Covid-19 pandemic using both longitudinal as well as cross-sectional methods.

**Longitudinal studies.** During 2020, MIDAP continued to invest in research modules concerning depression in major longitudinal studies being currently conducted in Chile, collaborating with Research Centers that are carrying out large-scale longitudinal studies: the National Longitudinal Survey of Early Childhood (ELPI), the Center for the Study of Social Conflict and Cohesion (COES), and the Center for Intercultural and Indigenous Studies (CIIR). This year, however, face-to-face fieldwork was restricted and changes had to be made to be applied to telephone surveys.

**L2: Health promotion and psychosocial prevention.** Studies in L2 continue this year to provide good coverage regarding health promotion and prevention across the life span, indicating feasible and acceptable pathways to decrease the onset of mental health problems in early childhood through old age. The beneficial effects of mindfulness-based intervention have been further documented by MIDAP researchers with promising results. The importance of internet-based intervention for prevention of depression in adolescence has been further researched, and the importance of persuasive designs for increased traction has been highlighted. The focus on training of staff at the primary level of care emerges as an excellent pathway for the transference of scientific based knowledge for prevention into direct clinical benefit of users.

**L3: Psychotherapeutic interventions and change processes.** During 2020 L3 continues to concentrate a significant proportion of MIDAP's scientific efforts and scientific output. From effectiveness outcome research to studies focusing on micro processes of discourse-voice regulation, L3 provides a broad set of projects which have supplied findings that contribute significantly to understand mechanisms involved in psychotherapeutic change. Progress in process research continues, covering both traditional process variables and unexplored components such as patient-therapist attribute match, socioeconomic disparity and the experience of therapists during relevant change moments. Theoretical and empirical

integration has been highlighted in two articles from 2020. Progress on key psychotherapy research studies was slowed down because of the Covid-19 pandemic.

**L4.: Mitigation of Chronicity in the Course of Depression.** This line focuses on patient recovery, relapse prevention, maintenance of gains, successful/unsuccessful treatment experiences reported by patients, and generally on decreasing the chronicity and recurrence of the depression. This focus continued to be developed within L4. Multisite and global studies emerging from international collaborations have substantially strengthened this line of research. The task of ensuring mitigation of chronicity in the course of depression and other mental health problems, such as the role of stigma, touches on social determinants of mental health and needs to be addressed in a global and coordinated way.

**Productivity:** During the sixth year of MIDAP, 70 scientific documents were published, more than any previous year. Publications include 67 articles, and three other scientific publication, including reports and treatment guidelines. With respect to scientific articles, 43 (61%) were published in journals indexed in *Web of Science* and 24 (34%) in journals indexed in *SCOPUS*. Of these 67 articles, 22% were published in quartile 1, 31% in Q2 journals, 13% in Q3 journals, and 33% in Q4 journals. 42% of the Institute's publications were collaborative through research lines and included students. During 2020, 56 presentations were delivered, 68% of them in international venues. Like previous years, several researchers participated in international and national Editorial Boards, and five of our researchers were awarded for their contribution to research development and Mental Health prevention.

**Education, Training and Capacity Building.** As to late 2020, MIDAP has received 178 young trainees (25 undergraduate students, 62 master's students, 78 doctoral students, and 13 Postdoctoral Researchers [PR]). In addition, a considerable number of research assistants have worked at the institute. Currently, the Institute has twenty-two Young Researchers (YR). This large overall figure reflects young people's interest in joining MIDAP. During 2020 forty-eight doctoral students, 22 master's students, and 9 undergraduate students were part of MIDAP, coming from different universities and programs. This year, MIDAP made a special financial effort to allocate funds to increase the number of young researchers (YR); an increase of 167%. Due to the explosive pandemic rise of distance learning, MIDAP held successful remote training courses in Latin America this year.

**Networking.** During 2020, MIDAP continues to consolidate its international footprint, maintaining and strengthening many of its international networks, even though international travel was interrupted due to the COVID-19 pandemic. International (and national) research networks were developed and/or further consolidated on the following topics: Depression and Personality Dysfunction, Biological and Personality Interactions and Cultural Aspects in the Development of Psychological Disorders, Change Processes in Psychotherapy, Longitudinal Studies on the Development of Depression, Mindfulness and other Contemplative Practices, E-Mental Health Research, and Early Developmental Conditions.

**Outreach and Connections.** Two emerging realities have shaped our activities in the year 2020. The first was the need to investigating the impact of the October 2019 social outburst, and of the Covid-19 pandemic and the public health measures to contain it on the mental health of the population. Our initial outreach program had to be modified due to pandemic constraints and forced us to move as much of the outreach activities to a remote mode. This had unexpectedly positive results, allowing us to reach the regions of the country and the rest of Latin America in a way we had never done before. This gave us the chance to increase the Institute's prominence by preparing more activities than initially planned. We generated new audio-visual material and through the new online activity called Festival of Science (FECI, held on November 11-15) it was possible to disseminate psychoeducational material and to launch a new outreach program, "Mentalizing", one of the 12 projects funded through a competitive grant of the Ministry of Science. In the same vein, MIDAP participated in the "Puerto de Ideas" festival in Valparaíso, and several MIDAP members participated in radio and television programs. During the health emergency, the media recognized MIDAP as a reliable source of information and so our

researchers were frequently interviewed, with at least 45 appearances in opinion columns, interviews, and articles on this subject. In addition, MIDAP researchers have participated actively in a number of public and private initiatives aimed at contributing to various fields affected by the situation. In all other aspects, MIDAP preserved most of the connections established in previous years

**Administration and Financial Status.** Due to the COVID health emergency, all the administrative tasks of the MIDAP Institute have been conducted remotely since March 2020, and the weekly meetings of the management team continued. The Institute received the total payment of its seventh financial contribution from the MSI the same amount as the previous year. Additionally, the MSI contributed with US\$ 14,200 for Outreach activities, a 27% budget increase compared with the funding allocated in 2019. MIDAP continues to receive some financial support from ANID (former CONICYT) through funding for other research projects conducted by several MIDAP researchers, together with other grants obtained from various sources. The outflow structure for the year 2020 followed the same pattern of past years, with most of the MSI income being spent on researchers' and students' salaries and bonuses, internal research grants, and a rather small contribution for attending scientific events held in virtual mode, among other elements.

- b) **Resumen Ejecutivo:** El objetivo principal de MIDAP es generar conocimientos científicos basados en una comprensión multidimensional de la depresión en interacción con la personalidad. Un objetivo particular de esta agenda de investigación es maximizar la eficacia de las intervenciones en prevención, psicoterapia y rehabilitación. Durante 2020, las actividades del MIDAP, incluida la investigación, se vieron profundamente afectadas por los efectos de la pandemia de Covid-19. En su sexto año de funcionamiento, el equipo científico de MIDAP cuenta con más de 180 investigadores, estudiantes, colaboradores y técnicos que pertenecen a sus seis instituciones anfitrionas y a otras instituciones chilenas y extranjeras. Resumimos la actividad científica del MIDAP que se organizó en torno a cuatro líneas básicas de investigación, cada una de las cuales incluye una serie de estudios interdisciplinarios específicos.

**L1: Estructuras básicas y procesos biopsicosociales.** Durante el año 2020 la actividad científica en L1 fue especialmente intensa, descubriendo mecanismos de la enfermedad, realizando investigaciones psicológicas básicas, comprendiendo los factores de riesgo y adaptando la instrumentación para su uso local. Los estudios de L1 continúan este año aportando pruebas en apoyo del modelo multidimensional de MIDAP que entiende la depresión anidada en la personalidad y recibiendo influencias de variables culturales, biológicas y psicológicas. Este año se realizaron numerosos estudios centrados en los determinantes sociales de la salud mental, en vista del estallido social de 2019 y de los efectos de la pandemia de Covid-19. La actividad científica dentro de la L1 se centró en muestras vulnerables, incluidas minorías sexuales y, de forma más general, adolescentes. Se exploraron los mecanismos de enfermedad para la depresión y otros resultados adversos para la salud mental, incluyendo la disfunción de la personalidad y la desregulación emocional. En este ámbito, surgió el estigma como un área importante de investigación de MIDAP. El desarrollo, la adaptación y la validación de instrumentos fue un área de desarrollo continuo durante 2020, ampliando la disponibilidad de nuevas herramientas de investigación para la comunidad científica local. A pesar de que la mayor parte del trabajo de laboratorio se detuvo durante 2020 debido a la pandemia -en particular los estudios que implican trabajo de laboratorio presencial- se publicaron algunos artículos que cubren investigación básica y experimental, utilizando los datos recogidos en años anteriores. Por último, MIDAP participó en estudios para explorar los efectos perjudiciales para la salud mental de la pandemia de Covid-19 utilizando tanto métodos longitudinales como transversales.

**Estudios longitudinales.** Durante el año 2020, MIDAP continuó invirtiendo en módulos de investigación relativos a la depresión en los principales estudios longitudinales que se realizan actualmente en Chile, colaborando con los Centros de Investigación que están realizando estudios longitudinales a gran escala: la Encuesta Longitudinal Nacional de la Primera Infancia (ELPI), el Centro de Estudios de Conflicto y Cohesión Social (COES) y el Centro de Estudios Interculturales e Indígenas

(CIIR). Sin embargo, este año se restringió el trabajo de campo presencial y hubo que hacer cambios para aplicarlo a encuestas telefónicas.

**L2: Promoción de la salud y prevención psicosocial.** Los estudios de L2 siguen ofreciendo este año una buena cobertura sobre la promoción de la salud y la prevención a lo largo de la vida, indicando vías factibles y aceptables para disminuir la aparición de problemas de salud mental desde la primera infancia hasta la vejez. Los investigadores de MIDAP han seguido documentando los efectos beneficiosos de la intervención basada en la atención plena con resultados prometedores. Se ha seguido investigando la importancia de la intervención basada en Internet para la prevención de la depresión en la adolescencia, y se ha destacado la importancia de los diseños persuasivos para aumentar la tracción. El enfoque en la formación del personal en el nivel primario de atención emerge como una vía excelente para la transferencia de conocimientos con base científica para la prevención en beneficio clínico directo de los usuarios.

**L3: Intervenciones psicoterapéuticas y procesos de cambio.** Durante el año 2020, L3 siguió concentrando una parte importante de los esfuerzos y la producción científica del MIDAP. Desde la investigación de resultados de eficacia hasta estudios centrados en los microprocesos de regulación del discurso-voz, L3 ofrece un amplio conjunto de proyectos que han aportado hallazgos que contribuyen significativamente a comprender los mecanismos implicados en el cambio psicoterapéutico. El progreso en la investigación del proceso continúa, cubriendo tanto las variables tradicionales del proceso como los componentes inexplorados, como la correspondencia de atributos entre paciente y terapeuta, la disparidad socioeconómica y la experiencia de los terapeutas durante los momentos de cambio relevantes. La integración teórica y empírica se ha destacado en dos artículos de 2020. El progreso de los estudios clave de investigación en psicoterapia se vio ralentizado por la pandemia de Covid-19.

**L4.: Mitigación de la Cronicidad en el Curso de la Depresión.** Esta línea se centra en la recuperación del paciente, la prevención de recaídas, el mantenimiento de los logros, las experiencias exitosas/no exitosas del tratamiento reportadas por los pacientes, y en general en la disminución de la cronicidad y la recurrencia de la depresión. Este enfoque continuó desarrollándose dentro de la L4. Los estudios multicéntricos y globales que surgen de las colaboraciones internacionales han reforzado sustancialmente esta línea de investigación. La tarea de garantizar la mitigación de la cronicidad en el curso de la depresión y otros problemas de salud mental, como el papel del estigma, afecta a los determinantes sociales de la salud mental y debe abordarse de forma global y coordinada.

**Productividad:** Durante el sexto año del MIDAP se publicaron 70 documentos científicos, más que en cualquier año anterior. Las publicaciones incluyen 67 artículos y otras tres publicaciones científicas, incluyendo informes y guías de tratamiento. Con respecto a los artículos científicos, 43 (61%) se publicaron en revistas indexadas en *Web of Science* y 24 (34%) en revistas indexadas en *SCOPUS*. De estos 67 artículos, el 22% se publicaron en el cuartil 1, el 31% en revistas del Q2, el 13% en revistas del Q3 y el 33% en revistas del Q4. El 42% de las publicaciones del Instituto fueron en colaboración a través de líneas de investigación e incluyeron a estudiantes. Durante el año 2020 se realizaron 56 presentaciones, el 68% de ellas en congresos internacionales. Como en años anteriores, varios investigadores participaron en Consejos Editoriales internacionales y nacionales, y cinco de nuestros investigadores fueron premiados por su contribución al desarrollo de la investigación y la prevención en Salud Mental.

**Educación, formación y capacitación.** Hasta finales de 2020, el MIDAP ha recibido 178 jóvenes en formación (25 estudiantes de pregrado, 62 de magister, 78 de doctorado y 13 investigadores posdoctorales). Además, un número considerable de asistentes de investigación han trabajado en el instituto. En la actualidad, el Instituto cuenta con veintidós Investigadores Jóvenes. Esta gran cifra global refleja el interés de los jóvenes por incorporarse al MIDAP. Durante el año 2020 formaron parte del MIDAP cuarenta y ocho estudiantes de doctorado, veintidós de magister y nueve de pregrado, procedentes de diferentes universidades y programas. Este año, MIDAP hizo un esfuerzo financiero

especial para asignar fondos para aumentar el número de jóvenes investigadores; un aumento del 167%. Debido al explosivo aumento de la enseñanza a distancia, MIDAP celebró este año exitosos cursos de formación a distancia en América Latina.

**Redes.** Durante el año 2020, MIDAP siguió consolidando su huella internacional, manteniendo y reforzando muchas de sus redes internacionales, a pesar de que los viajes internacionales se interrumpieron debido a la pandemia de Covid-19. Se han desarrollado y/o consolidado redes de investigación internacionales (y nacionales) en los siguientes temas: Depresión y Disfunción de la Personalidad, Interacciones Biológicas y de la Personalidad y Aspectos Culturales en el Desarrollo de los Trastornos Psicológicos, Procesos de Cambio en Psicoterapia, Estudios Longitudinales sobre el Desarrollo de la Depresión, Mindfulness y otras Prácticas Contemplativas, Investigación en Salud E-Mental y Condiciones Tempranas del Desarrollo.

**Divulgación y conexiones.** Dos realidades emergentes marcaron nuestras actividades en el año 2020. La primera fue la necesidad de investigar el impacto del estallido social de octubre de 2019 y de la pandemia de Covid-19 y las medidas de salud pública para contenerla en la salud mental de la población. Nuestro programa inicial de divulgación tuvo que modificarse debido a las limitaciones de la pandemia y nos obligó a trasladar la mayor parte de las actividades de divulgación a un modo remoto. Esto tuvo resultados inesperadamente positivos, permitiéndonos llegar a las regiones del país y al resto de América Latina de una manera que nunca antes habíamos hecho. Esto nos dio la oportunidad de aumentar el protagonismo del Instituto preparando más actividades de las inicialmente previstas. Generamos nuevo material audiovisual y a través de la nueva actividad en línea llamada Festival de la Ciencia (FECI, realizada del 11 al 15 de noviembre) fue posible difundir material psicoeducativo y lanzar un nuevo programa de divulgación, "Mentalizando", uno de los 12 proyectos financiados a través de una beca competitiva del Ministerio de Ciencia. En la misma línea, MIDAP participó en el festival "Puerto de Ideas" en Valparaíso, y varios miembros de MIDAP participaron en programas de radio y televisión. Durante la emergencia sanitaria, los medios de comunicación reconocieron a MIDAP como una fuente de información confiable, por lo que nuestros investigadores fueron entrevistados frecuentemente, con al menos 45 apariciones en columnas de opinión, entrevistas y artículos sobre el tema. Además, los investigadores de MIDAP participaron activamente en varias iniciativas públicas y privadas destinadas a contribuir a los distintos ámbitos afectados por la situación. En todos los demás aspectos, el MIDAP conservó la mayoría de las conexiones establecidas en años anteriores.

**Situación administrativa y financiera.** Debido a la emergencia sanitaria, todas las tareas administrativas del Instituto MIDAP se han realizado a distancia desde marzo de 2020, y han continuado las reuniones semanales del equipo directivo. El Instituto recibió el pago total de su séptima contribución financiera por parte de Milenio por el mismo monto que el año anterior. Además, Milenio contribuyó con 14.200 dólares para las actividades de divulgación, lo que supone un incremento presupuestario del 27% en comparación con el monto asignado en 2019. MIDAP sigue recibiendo cierto apoyo financiero de la ANID (ex CONICYT) a través del financiamiento de otros proyectos realizados por varios investigadores MIDAP, junto con otras subvenciones obtenidas de diversas fuentes. La estructura de egresos para el año 2020 siguió el mismo patrón de los años pasados, destinándose la mayor parte de los ingresos del ICM a los sueldos y bonos de los investigadores y estudiantes, a las becas de investigación internas y a un aporte más bien pequeño para la asistencia a eventos científicos realizados en modalidad virtual, entre otros elementos.

- c) **Outstanding Achievements.** The year 2020 was marked by two events that plunged Chile into a triple crisis: social, political and public health, namely the social outbreak in October 2019 and the Covid-19 pandemic from March 2020. This situation increased the levels of uncertainty and stress in the population and in all national institutions in a way never seen before. In the face of this situation, MIDAP's greatest achievement was to have been able to adapt to the new circumstances and not only continue with its core activities, but also to have explored new ways of fulfilling its mission. MIDAP was able to move its main face-to-face activities to online activities, opening up new possibilities to reach remote locations in the country and Latin America. In this process, MIDAP has continued to consolidate its position as a leading Mental Health research center in Chile and Latin America. The social crisis opened a process of political and constitutional reorganization. Already in January 2020, MIDAP's annual conference was devoted to a joint reflection on how our institute could contribute to the process of building a new political constitution. During this year there was a strong emphasis on contributing to the constitutional process with the results of our research on the impact of social determinants on mental health and on contributing to the understanding of the impact of the Covid-19 pandemic and the public health measures to contain it on the country's population. Thus, many of our researchers quickly set up and carried out projects with cross-sectional and longitudinal methodology that made a contribution. Some members of MIDAP were called upon to collaborate at the highest levels of government in commissions dedicated to formulating a contingency plan (called "SaludableMente") to deal with the pandemic. Internally, although many field activities had to be suspended, scientific production did not stop. On the contrary, this year, we launched 70 publications, a figure never reached before, and we increased by 167% the number of Young Researchers, thus responding to the young demand to formally participate in MIDAP. As in other years, some of our members received national and international awards for their contribution to the advancement of our field and/or were called to positions of responsibility in university institutions. Finally, this year we systematically increased our dissemination work through our partnership with CIPER/Académico, which publish several opinion columns, articles and interviews on the hot mental health topics in the country and which had a high media impact.



## 2. Introduction

- a) **Description of the Institute:** The Millennium Institute for Research in Depression and Personality (MIDAP) is a scientific center that hosts researchers from various fields of the social and health sciences. MIDAP's main objective is to generate scientific knowledge based on a multidimensional understanding of depression in interaction with personality. A particular aim of this research agenda is to maximize the effectiveness of interventions through the identification of the agents and mechanisms of change that participate in prevention, psychotherapy and rehabilitation. In its sixth year of operation, MIDAP's scientific team includes over 180 researchers, students, collaborators, and technicians who belong to its six host institutions (Pontificia Universidad Católica de Chile [UC], Universidad de Chile [UCh], Universidad de Desarrollo [UDD], Universidad de la Frontera [UFRO], Universidad de Valparaíso [UV]), and Universidad Diego Portales [UDP], as well as to other Chilean and foreign institutions.

MIDAP developed out of the "Psychotherapy and Change Research Group" and the "Psychological Intervention and Change in Depression" Millennium Nucleus. In the setting of these scientific initiatives, a combination of psychological, psychosocial, and psychophysiological approaches to depression were examined and tested. This multidimensional approach to the study of depression is continued by MIDAP including, at the same time, a differentiated analysis of personality and all the relevant dimensions involved in depression and personality disorders.

MIDAP's characteristic multidimensional and multidisciplinary approach aims at the construction of an empirical model that takes into account the etiology, prevention, intervention, and rehabilitation of depression. This approach addresses the relationship between depression and personality, along with the multiple dimensions of human functioning that have been empirically linked to this disorder. Thus, MIDAP aspires to conduct systematic research on each of these dimensions, which include developmental, cognitive, emotional, and behavioral variables, as well as others of a psychophysiological and genetic nature. MIDAP pursues this multidimensional scientific agenda using a variety of methods and multiple research design and analytic strategies, including cross-sectional, longitudinal, experimental and naturalistic designs, process-and outcome-oriented studies, and quantitative and qualitative data-analytic strategies.

The year 2020 marked a challenging year for MIDAP's operation. First, late 2019 Chile was struck by significant social unrest, stemming from deep-rooted social injustices in our country. This highlighted the Institutes role in being a voice for social change, calling for fair access to mental health services and knowledge as crucial component for social equality. Then, in 2020 the COVID-19 pandemic emerged in the world and Chile was hard hit, with lockdown measures being implemented early on and lasting for the most part of the year. The social unrest and the COVID-19 pandemic signified a shift in MIDAP's scientific, training, and outreach activities. All laboratory work was halted, and research, training, and outreach activities were transferred online. New studies about mental health and the COVID-19 pandemic were started and MIDAP researchers had an extremely active role in the media, conveying evidence-based information about mental health care to the population. MIDAP researchers also played a significant and active role in high-stake task forces organized by the government to address the social and sanitary challenges faced by the country.

MIDAP's studies are organized within four distinct lines of research. All lines of research include high level, cutting-edge scientific work, which is regularly presented in international conferences and published in scientific, peer-reviewed journals. Even though 2020 was a difficult year for international travel and participation in scientific conferences, the Institute's scientific output increased in comparison to previous years, likely because new young researchers joined the institute and also because laboratory activities and other field work was halted, allowing for more time to write and submit scientific papers. MIDAP's scientific output continues to have a significant impact not only on scientific knowledge but also on the design and implementation of public policies intended to eliminate or mitigate the subjective and societal burden of depression, especially in the context of social unrest and the pandemic, which has

pronounced social injustice in Chile. Indeed, the integration of multidimensional components to understand the etiology, maintenance and treatment of depression in its interaction with personality will contribute to improved and more efficacious algorithms for indication of viable and cost-effective interventions, taking into account social determinants of mental health.

In addition, the health context associated with COVID-19 during 2020 implied modifications both in the working conditions of the work teams and in the implementation of ongoing studies. Regular meetings were held regularly through virtual platforms, achieving high participation, and the number of studies that used telematics-based assessments and interventions increased. This allowed us to enhance the use of technology in our research, transforming the challenges generated by the pandemic into an opportunity to achieve our objectives.

b) **Research Lines:** The scientific activity of MIDAP is organized around four basic lines of research, each of which includes a number of specific studies conducted by interdisciplinary teams of researchers from the fields of psychology, psychiatry, genetics, psychophysiology, neuroscience, anthropology and sociology (specific studies are presented in chapter 3 of this report and Appendix I):

1. **Basic bio-psycho-social structures and processes.** This line of research focuses on the origins and on the mechanisms that trigger, develop, and maintain psychological disorders, focusing on depression and personality dysfunction. It involves the assessment of multiple cultural, social, developmental, and psychobiological conditions involved in depression and personality.
2. **Health promotion and psychosocial prevention.** This line of research focuses on evaluating the effectiveness of intervention strategies aimed at changing the early conditions associated with the development of depression and personality dysfunction. Scientific projects developed within this line aim at reducing the social exclusion of the psychologically handicapped, and fostering the capacities of mental health professionals.
3. **Psychotherapeutic interventions and change processes.** This line of research focuses on the analysis of change processes and the effectiveness of psychological interventions. Studies examining change mechanisms and mediation as well as moderation components of psychological treatments are characteristic of scientific project developed within this line of research. Two of its studies involve multination process-outcome studies.
4. **Mitigation of Chronicity in the Course of Depression (previously rehabilitation and reintegration).** This line of research focuses on understanding, preventing and mitigating chronicity of depression. Scientific efforts developed within this line focus on E-mental health strategies to prevent depression and maintain gains after treatment, the study of patient experiences in successful versus unsuccessful therapies, examination of early-life maltreatment and co-morbid personality dysfunction as risk factors of chronic or recurrent courses of depression.

Having just successfully undergone its quinquennial evaluation, MIDAP continues to produce a remarkable corpus of scientific research, contribute to the training of local and international professionals and has establish strong and sustainable international scientific collaborations. As an example, an article published in 2021 in *Psychotherapy Research* highlights the fact that in Latin America, the vast majority of psychotherapy process research stems from MIDAP, signaling the consolidated role of our Institute in the regional area<sup>1</sup>. All of these aspects as they developed during 2020 will be presented in this report.

c) **Organization of researcher's team:** MIDAP is led by the Council of Associate Researchers, which holds monthly meetings. The tasks of the Council include: organizing and coordinating all the scientific-academic activities of the Institute; actively participating in the research conferences held each semester;

<sup>1</sup> Paz, C., Mascialino, G., Proaño, K. & Evans, C. (2021) Psychological intervention change measurement in Latin America: Where from? Where to? *Psychotherapy Research*, 31:1, 132-141, DOI: 10.1080/10503307.2020.1750728

making decisions about the promotion of researchers belonging to the Institute; defining the rules of some internal resources and selecting their beneficiaries; and making strategic decisions about the research conducted at the Institute, among other tasks. During this year there were also changes in MIDAP's management positions, with Associate Researcher Marcia Olhaberry taking over as the new Deputy Director. This change contributed to the strengthening of the management team to successfully face the challenges of 2020 and achieve the goals proposed for this period.

All the studies are conducted within at least one of the four lines of research. In many cases, the Study Director is an Associate Researcher. Increasingly though, as reported in the 2020 report, the study leader is an Adjunct, Young, or post-doctoral Researcher. This is a direct result of the Institute's efforts to foster the scientific development of early career researchers. The Director of Research plays a relevant role in the coordination of research tasks within MIDAP. The Director of Research works alongside Study Directors and the Council of Associate Researchers in order to ensure the fulfillment of the scientific objectives of the Institute.

### 3. Scientific and technological research:

- a) **Current status of the lines of research:** The scientific objectives of MIDAP are: (a) To produce scientific knowledge about depression and personality based on a multidimensional perspective that integrates cultural, social, developmental, psychological, psycho-physical, and genetic aspects; (b) To examine specific age-related characteristics associated with depression and personality during pregnancy/nursing, infancy, adolescence, adulthood, and older adulthood; and (c) To generate knowledge that can nourish mental health policies for the development of improved prevention, therapy, and rehabilitation services.

In order to achieve these scientific goals, MIDAP develops four lines of research (see Annex 2). MIDAP's studies are executed within these lines of research based on different funding sources, including the Millennium Scientific Initiative (MSI) as well as other sources: Fondecyt, Conicyt, and International Grants. Accordingly, MIDAP researchers are encouraged to apply for national and international grants, in order to sustain and/or continue their research.

The current chapter presents a summary of MIDAP's scientific activity during 2020. Organizing the information by line of research, we first present the scientific aim for each line summarily; then, we describe the main studies currently being developed within each line of research, pointing out their progress during the reported period (for instance, indicating related productivity as well as other hallmarks of scientific output). Results are discussed in an integrative fashion, with attention to MIDAP's scientific goals. We conclude with the difficulties and/or limitations encountered. Articles and other products are shown in Annex 3 and Appendix II (MIDAP's publications in APA format).

**Line of Research 1 (L1): Basic structures and bio-psycho-social processes.** This line of research focuses on the origins and mechanisms that trigger, develop, and maintain psychological disorders. It is essential to keep in mind that MIDAP understands depression as a multi-causal, multi-level phenomenon. Thus, scientific efforts within L1 intend to evaluate all the cultural, social, developmental, and psychobiological conditions involved in depression and personality dysfunction. Ongoing studies developed within this line tackle the following research question: **Considering each specific level, how are genetic determinants, bio-markers, and psychological and interpersonal variables associated –and interact- with depressive symptomatology, clinical depression, personality dysfunction, suicidality and people's subjective well-being?**

Currently there are several studies at different stages being developed within L1. These studies cover a broad range of scientific problems related to biological, psychological and social processes that have progressively reached very interesting and significant conclusions. During 2020 the scientific activity in L1 was particularly strong, uncovering disease mechanisms, conducting basis psychological research, understanding risk factors, and adapting instrumentation for local use. Within L1, several researchers at our Institute conducted new studies to understand the impact of the COVID-19 pandemic on mental health. Additionally, researchers at MIDAP conducted focused research to understand causes and mental health outcomes of the social unrest that emerged in Chile in October, 2019, focusing on social determinants of mental health. These studies will be covered under the productivity of L1.

Study 051-L1 (From metacognitive efficacy to interpersonal sensibility: an introduction to the Interpersonal Mind from the perspective of Social Cognition). Due to the COVID-19 pandemic, experimental activities could not be conducted during 2020. The project is still active, but no results are mentioned in this report.

Study 011-L1 (Specifying the Assessment of Suicide Risk: A Study of the Psychological Variables Associated with Suicidal Behavior in Adolescents and Adults Seeking Help for Mental Health Problems) continues to further develop predictive modeling and development of a sophisticated instrument to detect psychological vulnerability related to suicidal risk based on data mining technology. During 2020 an article submitted to BMC Psychiatry was accepted for publication (Paper #2). Using a Bayesian network

of artificial intelligence analysis this article contributes to the identification of states of psychological vulnerability that may lead to suicidal activity.

The topic of suicidal activity was also explored in vulnerable groups under study 003-L1 (Subjective Construction of the Suicide Process in Young Lesbians, Gays and Bisexuals), specifically gay and lesbian adolescents. A study published in 2020 examined how the process of subjective construction may be related to the emergence of suicidal activity in this group (Paper #15). Gender identity was also explored in an adolescent sample focusing on the subjective experience of the process. This qualitative study describes some difficult experiences of rejection that adolescents endure in Chile as they develop into their transgender identity, highlighting risks for the development of adverse mental health outcomes (Paper #61).

This is very important work carried out by the institute addressing crucial topic in suicidology, particularly given the fact that suicidal behaviors exist in constant change with prediction of suicidal activity constituting a major problem in mental health research and care.

Adolescence has been amply described as a high-risk period for the development of adverse mental health outcomes, including depression and personality dysfunction. During 2020 several studies and published articles covered this particular time in the life-cycle. First, a study published in BMC Psychiatry provided long-needed prevalence estimates in a large sample of children and adolescents from northern Chile. Depression, anxiety and behavioral disorders were the most common disorders. Males exhibited more externalizing behaviors related to mental health problems related to aggression and defiant behavior. However, females showed the highest rates of mental health problems overall. An overall trend that reflects global trends shows a steady increase on prevalence of mental disorders for this group over the years (Paper #30). Further analysis of this sample revealed that emotion regulation dysfunction was a predictor of both, externalizing and internalizing problems, highlighting a potential common disease pathway for the development of mental health problems in childhood and adolescence (Paper #31). Specific gender differences were also explored in subthreshold depression in adolescents, as this level of the illness has also been related to adverse outcomes. Subthreshold depression is a common mental health problem among adolescents, with observable gender differences in clinical features. Worryingly, mental health service utilization is low among adolescents with subthreshold depression (Paper #4). A joint international study conducted in Chile and in Colombia revealed the additional role of stigmatization of depression in this group. Results highlight the need for school-based programs to reduce mental health stigma (Paper #5). Stigma was also investigated by a MIDAP researcher, focusing specifically on weight stigma and chronic stress (Paper #47). Finally, a specific study attempted to address the issue of adolescent mental health in the context of the social crisis in Chile and the COVID-19 pandemic. The article focuses on positive (e.g. strengthening of Tele Mental Health) and negative effects (e.g. deepening of the gap between demand and availability of services) of both situations (Paper #37).

An additional set of papers focusing exclusively on the relationship between the COVID-19 pandemic and mental health. In fact, new studies were started to examine this issue, including study 074-L1 (Psychological effects of quarantine and social isolation during the COVID-19 crisis: an intensive longitudinal study), which tracked mental health variables daily during 35 days in the midst of the first-wave lockdown in April and May of 2020. Data is still being analyzed, with preliminary results showing higher trends of depression and overall fear of illness in younger persons and in those affected economically by the pandemic. Results also showed PTSD levels comparable to those estimated in the population after the 2010 earthquake in Chile. A review study examining psychological behavior during COVID-19 within the broader context of XXI century pandemics was also published (Paper #33). Finally, a cross-sectional study conducted on a large convenience sample revealed that the main adverse psychological impact was concerns and anxiety, and these affected disproportionately younger people. Finances and unemployment were also some of the major concerns in this sample (Paper #60). A report to the WHO examining the impact of COVID-19 on mental, neurological, and substance use services

was authored by one of MIDAP's researchers, Dr. Matías Irrázaval (Paper #70). A final study examining the effects of the pandemic on parenting and parental relationships was also started by Dr. Marcia Olhaberry, MIDAP's Deputy Director).

Study 047-L1 (The role of BPD features on task performance in a cooperative task: focusing on brain wave synchrony as a mechanism to explain performance differences with health controls) continued to recruit participants during 2019 and was awarded additional funding by MIDAP. This study is paused because no laboratory work could be conducted during 2020 due to the COVID-19 pandemic. However, this is an active study and will resume when experimentation can be conducted.

Study 010-L1 (An embodied approach to emotion regulation as a first step for the future development of translational research). This study is paused because no laboratory work could be conducted during 2020 due to the COVID-19 pandemic. However, this is an active study and will resume when experimentation can be conducted.

Study 073-L1 (Using technology to facilitate international research on diagnosis and treatment of borderline personality disorder in adolescence, including low and middle-income countries – strategy based on direct clinical benefit) continued to strive during 2020, focusing primarily on the development of the Mental Health Information Reporting Assistant (MHIRA), an open-source software to conduct Evidence-Based Assessment (EBA). The scope of the project was broadened to include common mental health problems and adult populations. This project is being implemented in Chile, Switzerland, Kosovo and Tanzania. Within this project, the Chile team is centered at MIDAP and also started a project to translate, adapt, and validate last-generation instruments to measure personality dysfunction based on the Alternative Model of DSM5 and ICD-11. Even though validation studies made slow progress due to the COVID-19 pandemic, the LPFS, BPFSC, PID5BF+, LoPF, and ZAN-BPD were all translated and back translated and are ready to be empirically tested for their psychometric properties.

MIDAP continuously strives to adapt international instrumentation for local use, thus fostering research in Chile. During 2020, several studies of local validation of measurement instruments were published. First a scale to evaluate ageist stereotypes was published, this fostering focused research on a very important issue, namely aging and mental health, since the effects of stereotyping have on mental health for older people have been documented (Paper #53). An additional study was published reporting psychometric properties of a scale to measure reactivity to experiences of unequal treatment in health. The scale exhibited excellent psychometric properties, including reliability and factorial structure. The study also revealed different experiences of unequal treatment for persons belonging to a Mapuche indigenous group suggesting an important pathway for future research (Paper #56). Using secondary data from a larger study, a group of MIDAP researchers develop and validated a short, three-item version of the Edinburgh Postnatal Depression Scale, which was published in the *Journal of Clinical Psychology*. The shortened version (the original scale has 36 items) exhibited excellent discriminative capacity and performed equally to the longer version in this regard. An optimal cut-off score to retain good sensitivity and specificity was reported (Paper #11). An instrument to retrospectively study childhood maltreatment was also adapted for local use. The study revealed adequate psychometric properties of the Childhood Trauma Questionnaire with an adequate factorial confirmation of the theoretical structure. Analysis conducted also suggest a relationship between retrospectively reported physical abuse and complex depression and between all types of childhood trauma and higher risk for suicidal activity and inpatient admissions, revealing that depressed patients with a history of childhood maltreatment exhibit more complex illness profiles, a finding well documented in the international literature (Paper #27). Of note, this adapted instrument was used by MIDAP researchers in an international collaboration to study the relationship between adverse childhood experiences and personality functioning as risk factors for the development of adult depression. This study showed that adverse childhood experiences constitute a powerful risk factor for depression in adulthood, but also examined the mediational role that personality dysfunction displays. This study will be further discussed in L3 (Paper #34). A measure of romantic attachment was also translated and studies for use in couple's psychotherapy research (Paper #62). A

scale to measure cultural beliefs about psychotherapy was developed and validated by a Young Researcher in a sample of patient of southern Chile (Paper #46). A cross-cultural adaptation of the Module for Assessment of Domestic Violence, adapted from Axis I of the Operationalized Psychodynamic Diagnosis (OPD-2) was conducted in a sample of Brazilian women victims of domestic violence. This article highlights the contribution of MIDAP researchers to instrumentation studies in the region (Paper #57). Finally, an instrument to evaluate dimensions of emergent adulthood (IDEA), was validated by MIDAP researchers, exhibiting adequate psychometric properties (Paper #49).

Several additional articles relevant for the activity of L1 were published during 2020. Basic neuropsychological research was conducted with limitations because of the pandemic, but a group of MIDAP researcher published an article examining differential neurophysiological correlates of different types of memories using ERP and pupillometry (Paper #28). Also in this line of research, a paper was published in the journal *Frontiers of Integrative Neuroscience* highlighting the necessity of increasing research on the brain-gut axis in the psychological sciences, a promising basic-research area that will be further pursued within MIDAP (Paper #45). An article about the incidence of non-affective psychotic disorders in Chile between the years 2008 and 2018 was published using data from a national register sampling over 30,000 cases (Paper #36).

**Longitudinal studies.** MIDAP continues to invest in research modules concerning depression in major longitudinal studies being currently conducted in Chile. As reported previously, methodologically, the best scientific strategies to study basic components of the etiology, development, maintenance, and exacerbation of depressive symptomatology in a given context is to use of longitudinal research designs. As previously reported, MIDAP has partnered with Research Centers that are carrying out large-scale longitudinal studies. Results from the first two waves (2010 and 2012) from the Encuesta Longitudinal de Primera Infancia (ELPI) [National Longitudinal Survey of Early Childhood] were presented in a previous report (2017).

In our previous report, results from the Center for the Study of Social Conflict and Cohesion (COES) through its Longitudinal Social Study of Chile (ELSOC) were reported for first-wave assessments. ELSOC collects data from over 3000 individuals aged between 18 and 75 years. This particular study uses a probabilistic sampling method and achieves a representativity level of 77% of the national population and 93% of urban-area population. ELSOC collects data through seven thematic modules, one of which –health and well-being– screens for mental health difficulties, including depression. Even though second-wave data has been collected, and is currently being compiled by COES, they are still not available for analyses. Collection of new waves for this study has been hampered due to the COVID-19 pandemic.

First-wave results from the longitudinal study conducted by the Center for Intercultural and Indigenous Studies (CIIR) through ELRI were also reported in the previous year, with a particular emphasis on the mediational role of social support between discrimination and depressive symptoms for indigenous individuals. ELRI collects data from 3617 individuals aged 18 to 60 years. Individuals belong to different indigenous and non-indigenous groups from the north, central, and southern parts of Chile. Similar to ELSOC, second-wave data is being compiled by CIIR and are now available for analysis at MIDAP. Collection of new waves for this study has been hampered due to the COVID-19 pandemic. MIDAP collaborated intensively to modify sampling procedure using IVR. Data collection has been problematic for mental health modules using this strategy.

In summary, L1 studies continue to provide evidence in support of MIDAP's multidimensional model that understands depression nested within personality and receiving influences from cultural, biological, psychological and genetic variables. Scientific activity within L1 during 2020 focused on vulnerable samples including sexual minorities and more generally adolescents. Disease mechanisms for depression and other adverse mental health outcomes were explored, including personality dysfunction including emotional dysregulation. Stigma has emerged as an important area of MIDAP research in this area.

Instrument development, adaptation and validation was an area of string development during 2020, broadening the availability of novel research tools for the local scientific community. Even though most laboratory work was halted during 2020 due to the pandemic, some articles were published covering basic, experimental research, using data collected in previous years. Finally, MIDAP engage in studies to explore the detrimental effects of mental health of the COVID-19 pandemic using both longitudinal as well as cross-sectional methods.

**Line of Research 2 (L2): Health promotion and psychosocial prevention.** This line of research focuses on assessing the effectiveness of intervention strategies aimed at changing the early conditions associated with the development of depression and personality dysfunction, reducing the social exclusion of people with psychological disabilities, and fostering the treatment capabilities of mental health professionals. Two sets of studies have been focusing on the scientific goals of L2. On the one hand, several studies continue to examine the implementation and effectiveness of depression prevention programs for children, adolescents, adults and families. Their current status and previously unreported scientific achievements are reported summarily.

Study 049-L2 (Trajectories and predictors of depressive symptomatology in family caretakers of persons with dementia: a longitudinal study) has concluded its second year of operation. This study (FONDECYT Regular 2019 1191726) is quite important for MIDAP, because it covers an at-risk population that has received little attention internationally, namely caretakers of patients diagnosed with dementia. Importantly, our researcher Dr. Claudia Miranda was awarded a major grant to establish a new Millennium Institute for Caregiving Research (MICARE).

Study 015-L2 (Depressive Symptomatology during the transition to parenthood: integrating the meanings and relational dynamics of protagonists, FONDECYT INICIACIÓN 2018 11180820) has conclude its second year of operation. During 2020, data collection was significantly slowed down, but still continued using Zoom. Using this method, all field work was completed. A manuscript has been completed summarizing results with a focus on sexual-division of labor during pregnancy. An additional paper is being prepared focusing on parenthood and the COVID-19 pandemic.

Study 016-L2 (Construction of a workshop to develop competencies in clinical psychologists for the management of complex depression in institutional contexts) continues to develop and to contribute to L2 by examining precursors of clinical improvement, in this case, therapist competencies. This study has examined the effects of training therapists in detecting personality dysfunction underlying depression that may complicate treatment response. During 2020 work centered on the construction of a treatment guide, which will be available in 2021.

Study 055 –L2 (Institutionalized childhood and daily life of children in the protection residences of Santiago de Chile (1979-2000) FONDECYT REGULAR 1190150) covers a crucial topic both scientifically but also politically for Chile as children's protective systems have shown to be largely ineffective and even detrimental for children. This study addresses this issue scientifically using mostly qualitatively methodologies (interviews of former residents) and in doing so will shed light into early determinants of mental health problems, including early life adversity. Research continued in this study; no results are published in this report.

Study 088-L2 (Psychotherapeutic change process in boys and girls who have been victims of sexual assaults: Towards a comprehensive model of the influence of factors of responsible adults, interventions and the therapeutic relationship; FONDECYT REGULAR 1200627) was awarded during 2019 and aims to characterize the process of psychotherapeutic change in children who have been victims of sexual assaults, and to analyze the influence of factors of the responsible adult, the interventions and the therapeutic relationship in the process of change, integrating different perspectives (children, adults managers, psychotherapists, external observers). During 2020 an article was published, examining adherence to psychotherapy in adolescent victims of sexual aggression. Mainly from the perspective of treaters, results suggest that desertion from therapy in this group is a multifactorial problem, including



aspects of the household and families as well as attributes of patients and features of the therapeutic alliance (Paper #58).

Study 012-L2 (Prevention of depression in adolescents in schools using mindfulness-based interventions), continued to explore the preventive effects of mindfulness-based interventions and the convenience of their deployment in school settings. A study published in 2020 interviewed 20 school-aged adolescents revealed the importance of a pedagogical-relational framework for the successful implementation of mindfulness-based curricula (Paper #10). An additional paper examining the benefits of mindfulness-based interventions was published in the journal *Schizophrenia Research*. This study constitutes the first mindfulness RCT for Schizophrenia in Latin America. Results suggests that more than eight session might be necessary to improve cognitive function in Schizophrenia (Paper #38). The effects of mindfulness-based stress reduction on psychological distress in health workers was also documented in an RCT (Paper #59).

Study 014-L2 (Pilot RCT of an internet-based program for the prevention and early intervention in adolescent depression) is conducted by a MIDAP researcher in Medellin, Colombia. During 2020 this research team published an article in *Telemedicine Journal and e-Health*, highlighting the importance of using Persuasive System Designs to gain more traction and use of e-health technologies among users, particularly adolescent users (Paper #22).

Study 018-L2 (Intervention in Attachment and Mentalization in caregivers of pre-school children) continued to develop over 2020. An article was published in the journal *Cognitive Development*, examining a new area of research for MIDAP, namely children's storybooks as a source of mental state references as a way to foster the development of mentalization. The article presents results from an international study comparing books from Chile, Colombia, Scotland and the USA (Paper #6). Also in the area of mentalization, an article published in 2020 showed higher levels of mentalization in educational staff compared to parents and a positive relationship between the mentalization of teachers and parents and theory of mind development in pre-schoolers. When teachers and parents have high mentalization, effects on children are augmented (Paper #12). Finally, study of theory of mind in preschoolers found that parental stress exerted direct and significant effects on the mother's reflective function and direct but mild effects on the child's theory of mind (Paper #3).

Regarding this topic an additional article was published by one MIDAP researcher examining the effects of maternal and non-maternal care during infancy on later child cognitive, language, and motor development. Children under non-relative care exhibited worse outcomes than those under the care of relatives, indicating important challenges for center-based care, an area of extreme importance in Chile given the scandalous state of center-based services in Chile (Paper #42). In this regard, an additional article using Latent Class Analysis showed the existence of different groups as related to Home Language and Literacy Environments (Paper #9).

Given the importance of early intervention and prevention, during 2020 MIDAP funded two intervention studies targeting preschoolers and their caregivers. First, study 056-L2 (Evaluating the effectiveness of a digital version of the intervention "What we are thinking" to promote maternal mental health in the postpartum) is conducting an effectiveness trial to estimate the effects of a prevention intervention to support maternal mental health. Study 057-L2 (Brief internet mentalization-based video feedback intervention to improve parental sensitivity in depressed mothers attending public health centers: a randomized controlled feasibility trial) is capitalizing on previous research on the importance of mentalization to estimate the feasibility and preliminary effectiveness of an intervention to improve parental sensitivity in depressed mothers. During 2020 both projects were awarded by MIDAP - through a new internal competition for the allocation of funds to carry out research in priority areas [Priority Research Funding (FIP)] - defined by the institute in 2019, and started their implementation. Study 056-L2 is expected to publish results during 2021 and study 057-L2 during 2022.

Finally, study 089-L2 (Concordance in the physiological and subjective stress response. The role of temperament and family context in emotional regulation in late adolescents and young adults) started activities in 2019 and builds on specific findings reported in L1 in 2018 regarding physiological reactivity to stress. During 2020 an article was published examining and adjunctive internet-based intervention for patients with PTSD. Even though this is a treatment study, the need for this intervention emerged from the basic premises of this study (Paper #16).

In summary, studies in L2 continue to provide good coverage regarding health promotion and prevention across the life span, indicating feasible and acceptable pathways to decrease the onset of mental health problems in early childhood through old age. The beneficial effects of mindfulness-based intervention have been further documented by MIDAP researchers. Indeed, mindfulness research at MIDAP has clearly grown and consolidated as an important area of scientific work, with promising results. The importance of internet-based intervention for prevention of depression in adolescence has been further researched, and the importance of persuasive designs for increased traction has been highlighted. The focus on training of staff at the primary level of care emerges as an excellent pathway for the transference of scientific based knowledge for prevention into direct clinical benefit of users.

**Line of Research 3 (L3): Psychotherapeutic interventions and change processes.** This line of research focuses on the analysis of change processes and on the effectiveness of psychological interventions. Projects developed within L2 aim to answer the following research questions: **What are the characteristics of patients, therapists, and therapeutic models associated with the therapeutic change process and its outcomes? What change mechanisms are involved in the generation of therapeutic outcomes? What type of interactions occur between the profiles of patient and/or therapists, process variables, and psychotherapeutic outcomes?** Their current status of L3 studies and previously unreported scientific achievements are reported summarily.

The project Mindfulness, Depression, and Personality: Researching Mind-Body Correlates in the Generation and Relief of Suffering continues to develop study 036-L3 (Pilot Study about mindfulness training and personality: articulating first-person and third-person in the study of mind-body processes), which is one of the studies testing the effectiveness of psychological interventions. MIDAP has been steadily developing a systematic research line in Mindfulness, a psychological construct related to well-being and change in psychotherapeutic interventions. MIDAP's scientific focus on Mindfulness as a promising promoter of change in psychological interventions has been further developed in the context of the international network "Psychosocial Interventions for the Promotion of Psychological Well-Being in Children and Adolescents" (details regarding this network are described summarily in section 5 of this report). A manuscript focusing on dispositional mindfulness and personality vulnerabilities was finished and submitted for publication. Results indicate that higher personality dysfunction is related to lower dispositional mindfulness, this indicating that for patients with personality pathology more efforts in mindfulness training need to be placed, which is consistent with the treatment literature (e.g mindfulness in DBT).

An additional study focusing on the effects of specific psychological interventions is study 030-L3 (Evaluation of the Effectiveness of Adolescent Identity Treatment [AIT]: Assessment of the Psychotherapy Process and Outcome in Adolescents Diagnosed with Identity Diffusion), which has finished. Results are being prepared for publication, concluding this study.

Study 028-L3 (Video-Feedback Intervention Focused on Bond Quality and Parental Reflexive Functioning, Aimed at Mother-Father-Child Triads) has concluded, but an additional article was published in 2020 documenting the beneficial effects of a group intervention for mother-infant dyads on maternal depression and child development (Paper #21).

Studies 033-L3 (Distinctions in the Diagnosis and Prognosis of Depression in Psychotherapy: Relational Patterns, Internal Conflicts, and Vulnerabilities of Psychic Functioning and their Relationship to Psychotherapy Process Variables) and 035-L3 (Profiles of depression and their relationship to

therapeutic change) continue to examine heterogeneity in depression and personality dysfunction and their bearing on therapy process and outcome with a grant from FONDECYT (Iniciación 11170561). A study published in 2020 documented the mediation effect of personality dysfunction between exposure to early life maltreatment and adult depression (Paper #34).

Study 046-L3 (Characterizing episodes of rupture and resolution in the alliance from the facial-affective communication of patients and its association with change in psychotherapy: distinctions for clinical practice, FONDECYT Iniciación 11180671) has concluded its second year of operation. During 2020 a systematic single case study was published exploring facial-affective communications and verbal relational offers during alliance ruptures and resolutions. Results suggest that there are characteristic patient-therapist facial-verbal regulatory patterns for both rupture and resolution events (Paper #55).

Study 048-L3 (Towards a comprehensive model of the therapeutic alliance in psychotherapy with depressed patients: understanding the relationships between the alliance, patient/therapist characteristics, process variables and outcome, FONDECYT Regular 1191299) has struggled to recruit participants in the midst of the COVID-19 pandemic. All study protocols were adapted for online psychotherapy. Theoretical and review work has been conducted by the research team in the meantime. A study published in 2020 by many researchers, including Dr. Paula Errázuriz, summarizes research on the reciprocal relationship between alliance and early treatment symptoms (Paper #35).

Study 050-L3 (Development of a Comprehensive Psychotherapy Model for LGBT Patients: a qualitative study of patient's and therapists experience in psychotherapy, FONDECYT Regular, 1190270) also continued recruitment during 2020 although work was difficulties by the pandemic. However, during 2020 the study was conducted remotely using the internet. Data collection was able to progress in this fashion. A consulting committee composed of five representatives of the trans community was assembled and started to participate in the study. In the meantime, the group published an article during 2020 covering the issue of patient's experiences of subjective change during psychotherapy (Paper #17). In a different paper, a Generic Model of Psychotherapy Approach was used to develop a culturally sensitive approach to psychotherapy with sexual and gender minority patients (Paper #14).

Study 027-L3 (Couple's Therapy for the treatment of Depression: effectiveness and mechanisms of change) made slow progress in 2020 because of the pandemic. However, the team published one article examining the role of psychotherapy in cases where the female spouse discovers the involvement of the male spouse in internet sexual activities (Paper #51).

Of note is that other MIDAP scientists associated formally with different research lines within MIDAP have also contributed with publications focusing on psychotherapeutic process research, in particular about the therapeutic alliance. This speaks to the cross-feeding of scientific outcomes from researchers across lines of research. An article focusing on the understanding of therapeutic change in psychotherapy for adolescents analyzed data from the perspective of patient and their therapists (Paper #19). A theoretical article attempting to unify a hermeneutical, psychoanalytic approach with an empirical approach was published in the *International Journal of Psychoanalysis*. A related article calling for integration between theory, research and practice was also published (Paper #18). Both articles offer a demonstration of MIDAP's motivation to use different methods and approaches to fulfil its scientific tasks (Paper #1). Termination in psychotherapy is a widely underdeveloped issue in psychotherapy research. An article published in 2020 explores this issue from the perspective of patients (Paper #65). A systematic review of the role of resource activation during psychotherapy was published in 2020 (Paper #69).

In summary, L3 continues to concentrate a significant proportion of MIDAP's scientific efforts and scientific output. From effectiveness outcome research to studies focusing on micro processes of discourse-voice regulation, L3 provides a broad set of projects which have supplied findings that contribute significantly to understand mechanisms involved in psychotherapeutic change. Progress in process research continues, covering both traditional process variables (i.e. alliance) and unexplored

components such as patient-therapist attribute match, socioeconomic disparity and the experience of therapists during relevant change moments. Theoretical and empirical integration has been highlighted in two articles from 2020. Progress on key psychotherapy research studies was slowed down because of the COVID-19 pandemic.

**Line of Research 4 (L4): Mitigation of Chronicity in the Course of Depression.** This line of research focuses on the patient's recovery and on reducing the chronicity and recurrence of depression. Research projects developed within L4 address the following questions: **(a) What are the post-treatment variables that are associated to decreased rates of relapse and chronicity? (b) what characterizes patients with recurrent and complex depression (depression comorbid with personality dysfunction), and how should they be managed in order to reduce recurrence of depressive disorders and its burden on the subjective and societal level?** The current status and previously unreported scientific achievements of L4 studies are reported summarily.

Study 040-L4 (Difficult Patients: conceptualization and challenges in the public system), continued during 2020, no scientific outputs were reported by the research team. A Master's dissertation was developed producing psychoeducational material from families to aid in the recovery of people with personality disorder.

Study 043-L4 (A collaborative computer-assisted cognitive-behavioral educational and psychological treatment for depressed patients with chronic disease at primary care) continued with data collection. No articles were published during 2020.

Further strengthening this line of research, an article published during 2020 highlighted the importance of tele-psychiatry to support the mental health of child and adolescent victims of abuse, a crucial aspect for early detection and mitigation of chronic trajectories in mental health (Paper #26). The effects of maltreatment in children was also explored in the clinical course of patients with bipolar disorder (Paper #13). The role of stigma was also explored as related to the establishment of treatment access barriers for people with autism spectrum disorder in six Latin American countries (Paper #50). In the same line, the use of services across the lifespan for people with autism was further explored in the same multisite study in Latin America (Paper #41). Finally, a study examined health outcomes in patient served by unpaid caregivers in low- and middle-income countries (Paper #39). Three articles of Dr. Montenegro a new Young researcher also focus on local and regional challenges for the implementation of community-based health initiatives (Papers #63, 64, and 40).

In summary, focus on chronicity and recovery continued to be developed within L4. Multisite and global studies emerging from international collaborations have substantially strengthened this line of research. The task of ensuring mitigation of chronicity in the course of depression and other mental health problems touches on social determinants of mental health and needs to be addressed in a global and coordinated way.

- b) **Productivity:** During the sixth year of MIDAP, 70 scientific documents were published, more than any previous year. This likely resulted from the addition of new Young Researchers as well as from diminished fieldwork because of the pandemic. Publications include 67 articles, and three other scientific publication, including reports and treatment guidelines. With respect to scientific articles, 43 (61%) were published in journals indexed in *Web of Science* (with impact factors ranging between 0.33 and 5.811) and 24 (34%) in journals indexed in *SCOPUS* (with impact factors ranging between 0.1 and 1.86). Of these 67 articles, 15 (22%) were published in quartile 1 (Q1) journals, 21 (31%) in quartile 2 (Q2) journals, 9 (13%) in quartile 3 (Q3) journals, and 22 (33%) in quartile 4 (Q4) journals.

When looking at publications by line of research, most publications originated from L1 (44%) followed by L3 (24%), L2 (19%) and L4 (13%).

Out of a total of 69 publications authored or co-authored by MIDAP researchers, in 40 of them, only one MIDAP's researcher participated, in 15 of them two researchers from MIDAP participated, 6 articles

were authored by three researchers, and 8 articles were co-authored by 4 or more researchers (see Annex 3.5). This means that although many of the Institute's publications were collaborative, 42%, it is still necessary to continue promoting associative scientific work and publication among researchers. Students were part of 13 of these publications which also points to an important focus of further development, namely to encourage joint publications between AR and students. There was one article whose author was only a student.

MIDAP maintains the position reported in 2017 regarding “open access” publications. Some of these journals are of high quality (for example *Frontiers in Psychology* or *PLOS One*), they have rigorous peer-review procedures, and high-quality output with high dissemination, because there are no costs associated with access to articles. The cost of publication continues to be a difficulty for our researchers, particularly because Chilean researchers typically do not qualify for standard discounts given the development level of the country.

- c) **Outstanding publications:** Because scientific output in high-impact journals is of high relevance for the dissemination of MIDAP's scientific achievements, publications in the following journals are highlighted:

Caqueo-Urizar, A., Flores, J., Escobar, C., Urzúa, A., & Irrázaval, M. (2020). Psychiatric disorders in children and adolescents in a middle-income Latin American country. *BMC psychiatry*, 20(1), 1-12. This article was co-authored by Dr. Matías Irrázaval, an Adjunct Researcher at MIDAP and head of the Mental Health Department of the Ministry of Health in Chile. It is a relevant publication because it addresses a major gap in epidemiological data in the region, namely, prevalence of mental health problems among children and adolescents. We consider this to be a major contribution where MIDAP was involved in an international network through Dr. Irrázaval.

Barros, J., Morales, S., García, A., Echávarri, O., Fischman, R., Szmulewicz, M., ... & Tomicic, A. (2020). Recognizing states of psychological vulnerability to suicidal behavior: a Bayesian network of artificial intelligence applied to a clinical sample. *BMC psychiatry*, 20, 1-20. This is a very relevant article because of the difficulties of prediction in suicidology. In this sense, a research team from MIDAP applied state-of-the-art statistical modeling to improve prediction capabilities in the area of suicidal behaviors.

Flückiger, C., Rubel, J., Del Re, A. C., Horvath, A. O., Wampold, B. E., Crits-Christoph, P., ... & Barber, J. P. (2020). The reciprocal relationship between alliance and early treatment symptoms: A two-stage individual participant data meta-analysis. *Journal of consulting and clinical psychology*, 88(9), 829. This is a very important article co-authored by Dr. Paula Errázuriz, an Adjunct Researcher at MIDAP. The methodology is outstanding and it brings together the main researchers in therapeutic alliance. Currently, this article constitutes the definitive state of research regarding the relationship between alliance and early symptom change.

### Summary table

Category of Publication	MSI Center Members	Number of Publications coauthored by students	Total Number of Publications
ISI/WOS Publications or Similar to ISI/WOS Standard	Associate Researchers	5	15
	Others Researchers	4	28
SCOPUS Publications or Similar to SCOPUS Standard	Associate Researchers	3	9

	Others Researchers	2	15
<b>SCIELO Publications or Similar to SCIELO Standard</b>	Associate Researchers	0	0
	Others Researchers	0	0
<b>Books &amp; Chapters of Books</b>	Associate Researchers	0	0
	Others Researchers	0	0
<b>Other Scientific Publications</b>	Associate Researchers	0	2
	Others Researchers	0	1
<b>Total</b>		14	70

<sup>1</sup> Sources: <https://jcr.clarivate.com/>; <https://www.scopus.com/>; <https://www.scimagojr.com>

**d) Congress Presentations:** During 2020, 56 presentations were delivered, 68% of them in international venues (details are presented in Appendix III). This represents a major drop compared to previous years, which is explained by the alterations due to the COVID-19 pandemic worldwide. Twenty-three presentations stem from L1 (4 national, 19 international), 6 from L2 (3 national, 3 international), 21 from L3 (6 national, 15 international), and 6 from L4 (5 national, 1 international).

### Summary Table

Type of Researcher	Type of presentation	National Events	International Events
Associate Researchers	Conferences, oral communications, poster communications, others (Specify)	2	5
	Invited presentations (not included in above row)	6	9
Other researchers	Conferences, oral communications, poster communications, others (Specify)	1	8
	Invited presentations (not included in above row)	9	15
Students	Conferences, oral communications, poster communications, others (Specify)	0	1
	Invited presentations (not included in above row)	0	0

### Other achievements:

- **Patents:** Nothing to report during 2020
- **Intellectual property:** No information is reported here during the 2020 period.
- **Organization of Scientific Events:** Even though events were planned in 2020, the COVID-19 pandemic was a major obstacle in this regard. However, a number of scientific events could be organized using

online technologies. An international Seminar on Computer Adaptive Testing was organized with the participation of international and national guests, including Robert Gibbons from the University of Chicago, Margarita Alegría, from Harvard University, and Jorge Manzi, from Universidad Católica. A Summer School entitled “Social Relationships and Health: catching up with research and practice” was organized by MIDAP in January 2020. Another International Seminar entitled “Internet Interventions for the Treatment of Mental Health Problems” was organized using online technology to close a FONIS Grant project led by Dr. Carola Pérez in January 2020. In January 2020, distinguished psychiatrist Otto Kernberg presented a lecture organized by MIDAP and the Columbia Global Center - Santiago, with the participation of Adjunct Researchers Dr. Candice Fischer and Dr. Alex Behn.

- **Scientific Editorial Boards:** The participation of different MIDAP’s researchers in Editorial Boards is showed in Appendix IV. During 2020 Dr. Mariane Krause served in the editorial board of *Psychotherapy Research*, *Revista de Psicología Universidad de Chile*, and *Terapia Psicológica*. Drs. Sergio Gloger, Diego Cosmelli and Jaime Silva served in the editorial board of *Revista Chilena de Neuropsicología*. Drs. Guillermo de la Parra, Juan Pablo Jiménez, Jaime Silva, and Felipe Martínez served on the editorial board of *Gaceta de Psiquiatría Universitaria*. Dr. Guillermo de la Parra also served on the board of *Revista Argentina de Clínica Psicológica*. Dr. Luis Salazar served on the editorial board of *Drug Metabolism and Personalized Therapy*, the *Brazilian Journal of Pharmaceutical Sciences*, *Clinica Chemica Acta*, and *Pharmaceutics*. Dr. Alemka Tomicic served on the board of *Frontiers in Psychology*. Dr. Alex Behn served on the board of *Frontiers in Psychiatry*. Dr. Matías Irrázaval served on the editorial board of *Revista Chilena de Psiquiatría y Neurología de la Infancia y la Adolescencia*. Dr. Alvaro Vergés served on the editorial board of the *Journal of Studies on Alcohol and Drugs*. Dr. Pamela Foelsch served on the board of the *Journal of Clinical Psychology* and the *Journal of Personality Disorders*. Dr. Cristián Montenegro served on the board of *Critical Public Health* and *Somatosphere: Medicine, Culture, Anthropology*. Dr. Nelson Valdés served on the board of *Revista Estudios de Psicología*. Dr. Alvaro Langer served on the board of *Psychology, Society, & Education*. Dr. Susana Morales served on the board of *Killkana Salud*, *Bienestar* and *Revista Brasileira de Psiquiatría*, *Terapia Psicológica*, *Psykhé*, *Revista Médica de Chile*, and *Revista Simma Psicológica*. Dr. Alvaro Jiménez served on the editorial board of *Revista Castalia*, *Academia de Humanismo Cristiano*.
- **Awards:** Dr. Vania Martinez Received the “Todo Mejora” Award, which is awarded to those who foster and support the wellbeing of children, adolescents and young adults identifying a sexual minority (LGBTIQ+). Dr. Martinez and the doctoral student Marcelo Crockett also received the award for best paper delivered at the 2020 Annual Conference of the Chilean Society for Neurology, Psychiatry and Neurosurgery, with a paper entitled “Depressive Symptoms, suicidal ideation and substance abuse in LGBT+ youngsters in Chile. The paper “Resilience and differentiated sensitivity in Bipolar Disorder: interaction between the oxytocin receptor gene, subtypes of child abuse and social cognition” received a distinguished second place at the Annual Conference of the Chilean Society for Neurology, Psychiatry and Neurosurgery. The Adjunct Researcher Paul Vöhringer received the 2020 Klerman Young Researcher Award from the Depression and Bipolar Support Alliance.

#### 4. Education and Capacity Building

a) **Education, Training and Capacity Building:** As of late 2020, MIDAP has received 178 young trainees. Specifically, MIDAP has hosted 25 undergraduate students, 62 master's students, 78 doctoral students, and 13 Postdoctoral Researchers (PR). In addition, a considerable number of research assistants have worked at the institute. Twenty-two Young Researchers (YR) have been part of MIDAP during these years. This large overall figure reflects young people's interest in joining MIDAP, since they regard it as a center of excellence relevant to their careers for several reasons: its association with formal postgraduate programs, the quality of the research it conducts, and the opportunities that it offers to the young people who join it. MIDAP provides not only formal education, but also the possibility of becoming directly involved in all the activities conducted by the institute. Regrettably, due to the pandemic situation this year, it was impossible to secure funding to conduct residencies at leading foreign education centers, mainly in Europe, as in previous years.

Forty-eight doctoral students, 22 master's students, and 9 undergraduate students were part of MIDAP during 2020. Detailed information in Annex 5. Most doctoral students (30) arrived from the Doctoral Program in Psychotherapy, jointly offered by UC and UCh. Other 5 students are enrolled in Doctoral Programs in Psychology (UC, UCh, USACH, UDP, and UFRO), one in UDEC's Doctoral Program in Mental Health, 4 in UDD's Doctoral Program in Developmental Sciences and Psychopathology; 3 in UC's Doctoral Program in Neurosciences, X in Doctoral Programs in Public Health (one in UC and one in UCh), and one in a Doctoral Program in Anthropology (King's College London). Thirteen of MIDAP's master's students came from UC's MSc in Clinical Psychology, while the rest came from UCh's MSc in Child and Adolescent Clinical Psychology and UC's MScs in Psychology and Health Psychology.

In 2020, there was a drastic reduction in the participation of our researchers and students in scientific events due to the suspension of many scheduled events caused by the global health emergency. Nevertheless, our Institute still provided financial support to facilitate participation in scientific events. Most of this aid consisted in covering enrollment fees for researchers in training and students who so requested. The numbers for 2020 are presented in the next section.

As previously noted, MIDAP's annual budget makes it difficult to expand the team of researchers who receive payment. For this reason, PhD holders who have graduated while being part of MIDAP, along with former MIDAP's postdoctoral researchers, have been invited to remain in the Institute as Collaborator Researchers (CR)<sup>2</sup>. Although this decision has allowed several researchers in training to preserve their connection with MIDAP, the administrative team encouraged the Management Council to allocate more funding to increase the number of Young Researchers (YR). Thus, a small amount was deducted from the sum awarded to each group of MIDAP researchers, which freed up enough funds to hire up to 5 new Young Researchers. In January 2020, a public call for applicants was issued for researchers who had been awarded their doctoral degree no earlier than 2015, giving preference to applicants linked to regional Host Institutions (UFRO and UV) or Universidad Diego Portales (recently accepted as one of MIDAP's Host Institutions) and whose interests and research coincided with MIDAP's lines of research and priority areas. Eleven applications were received, which were evaluated by a committee composed of Associate Researchers Claudia Miranda and Luis Salazar, along with Senior Researcher Guillermo de la Parra. As MIDAP encouraged CRs to apply, 55% of the applicants belonged to this group. As a result of this evaluation, 5 applicants who comfortably met the requirements set were invited to join MIDAP as new Young Researchers. However, and since other 5 applicants also met the requirements, they were invited to join MIDAP without payment, which was accepted by all of them.

From this year, the Vice-president's Office for Research of Pontificia Universidad Católica de Chile agreed to grant MIDAP Chilean \$10.000.000 per year (approx. US\$12,000), mostly to support the training of postdoctoral researchers and continue covering the research visits of doctoral students abroad.

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<sup>2</sup> CRs are individuals who support the Institute's scientific-technical activities but without any productivity obligations and without any direct MIDAP funding.



As the latter activities were obviously impossible to conduct, the decision was made to use the total sum received to pay for a partial postdoctoral scholarship. In order to assign the grant, applicants to the 2-year FIP projects were asked to incorporate a postdoctoral researcher to be partially financed by these funds to their staff. The applicants had to fulfill some conditions similar to those requested in the FONDECYT postdoctoral competition. See results in the following section.

Thus, in 2020, the number of YRs rose by 167% relative to the previous year. Currently, 16 YRs are part of MIDAP, with 62.5% of them receiving fees for their work as researchers in studies conducted within the Institute. Participating in a research team is in and of itself a learning opportunity and a chance to develop knowledge and research skills.

Apart from its usual activities for training young researchers from Chile and the rest of Latin America, MIDAP's continuing education area offered several courses mainly aimed at young audiences or private sector professionals who wished to learn about new tools and acquire knowledge applicable to their fields of expertise. Since March 2020, MIDAP has offered these training programs remotely with great success (see section b for details). In addition, in early 2020, the continuing education area of MIDAP was contacted by Mentalizar Chile [Mentalizing Chile] to co-organize two training programs on mentalization, for the first time in Chile and in Spanish. Both programs were highly successful and resulted in a new collaboration agreement for MIDAP, this time in the field of training for mental health professionals. See the next section for more details.

- b) Achievements and results:** In contrast with previous years, MIDAP celebrated fewer graduations in 2020, which may have been due to the delays that affected academic and research activities due to the pandemic. Seven MIDAP students successfully completed their theses: 2 doctoral students and 5 master's students. More details in Appendix V. Both Ulises Ríos and Diana Gómez, who graduated from the Doctoral Program in Psychotherapy, were invited to stay at the Institute as Collaborator Researchers.

In addition, the following academics and researchers joined MIDAP as Young Researchers through the call for applicants detailed in section 4a):

Álvaro Jiménez	Universidad Diego Portales, Santiago
Cristóbal Hernández	Universidad Adolfo Ibáñez, Santiago
Kathleen Saavedra	Universidad de la Frontera, Temuco
María Isabel Gaete	Laboratorio de Fenomenología Corporal, Valparaíso
María José León	Universidad de San Sebastián, Puerto Montt
Natalia Salinas	Universidad de la Frontera, Temuco
Nicolle Álamo	Pontificia Universidad Católica de Chile, Santiago
Pablo López	Universidad de Valparaíso, Valparaíso
Pablo Martínez	Universidad de Santiago de Chile, Santiago
Stefanella Costa	CEPPS, Universidad Diego Portales, Santiago

In addition, and as a result of the internal competition for FIP research funds, former MIDAP's doctoral graduate, Catalina Sieverson, joined the institute as a Postdoctoral Researcher, to work for 2 years in the study 057-L2, “Brief internet mentalization-based video feedback intervention to improve parental sensitivity in depressed mothers attending public health centers: a randomized controlled feasibility trial”, with the Associate Researcher Marcia Olhaberry.

In January 2020, a new Summer School was held in Santiago as part of the bilateral collaboration project entitled “Mobilitätsmaßnahmen im Rahmen internationaler Forschungskooperationen”, conducted by MIDAP and Heidelberg University (Germany). Locally coordinated by Adjunct Researcher Diana Rivera, the Summer School entitled “Social Relationships and Health: catching up with research and practice” was organized by the Doctoral Program in Psychotherapy, a joint effort by the School of

Psychology and the Department of Psychiatry of Pontificia Universidad Católica de Chile and the Departments of Psychology, Psychiatry, and Mental Health of Universidad de Chile. The summer school was held in the School of Psychology of Pontificia Universidad Católica de Chile between 6 and 8 January 2021, being attended by around 30 participants. This event targeted postgraduate students and researchers from MIDAP who were interested in understanding the connection between meaningful interpersonal relationships and health, both physical and mental. The summer school covered the role of therapeutic relationships, family, and romantic partners in psychopathological processes, stress, and physiological changes. The event consisted in presentations by Chilean researchers, 10 of whom were affiliated with MIDAP, and foreign experts, along with a talk by a doctoral student associated with MIDAP, Fernando Parada (L2).

Out of 56 studies presented at national and international conferences during 2020, 15 involved YRs and PRs as co-authors (10 were led by them), while only 1 included student participation, led by the student. Only 2 graduate students received financial support from MIDAP to attend these events through application processes established by MIDAP to provide such aid. The reason for this decline was due to the discontinuation of events regularly attended by MIDAP researchers and students, such as the annual congresses of the Society for Psychotherapy Research (SPR), the International Society for the Study of Personality Disorders (ISSPD), or the World Association of Infant Mental Health (WAIMH), which explains the overall figure of only 56 presentations at scientific events during 2020. But in addition, most of these presentations were made by established researchers who were invited to present at online events that could be attended without prior registration.

Out of 70 articles published during 2020, 25 involved YRs or PRs as co-authors (14 were led by such researchers) and 14 included student participation (11 were student-led).

Nine diploma programs, directed by MIDAP's researchers, requested sponsorship from the Institute in 2020. All of these programs are a fundamental part of the activities conducted by MIDAP in collaboration with other universities:

- Personality Disorders: Theory, Diagnosis, and Treatment (UC)
- Diagnosis, Indication, and Strategies in Psychotherapy: Operationalized Psychodynamic Diagnosis (OPD-2) (UC)
- Interventions for Depression and Other Mood Disorders: Conceptualization and Intervention Strategies (UC)
- Mindfulness and Psychotherapy (UC)
- Couples Psychotherapy from a Systemic-Relational Perspective (UC)
- Psychotherapy Research for Mental Health Professionals (Universidad Diego Portales)
- Promoting Secure Attachment: Interdisciplinary Approach in Building the First Bond (UC)
- Postgraduate Degree in Psychotherapy: Clinical Tools for Current Practice (Universidad Alberto Hurtado)
- Psychopathology: Diagnosis and Treatment (UC)

As noted earlier, in 2020, MIDAP's Continuing Education area was able to offer only one in-person course, “Mindfulness, Science, and Health”, with Adjunct Researcher Sebastián Medeiros. The course was implemented in January 2020 and was attended by 33 participants. This is an experiential and didactic course on the contributions of mindfulness and compassion practice to personal and relational well-being. The course combined experiential learning —through multiple contemplative practices— with theoretical conceptualizations about mindfulness and its scientific correlates.

The course “Suicide Risk: Assessment and Management” was offered twice during the second semester of 2020, both times online. The sessions, held in August and November, were led by Adjunct Researchers Susana Morales and Orietta Echávarri, together with Collaborator Researchers Tita Szmulewicz, Claudia Moya, María de la Paz Maino, and Cristóbal Morales. The attendees were 122 health-care professionals and others working in related disciplines who are in contact with potentially

at-risk adolescents or adults. Its objective was to present effective tools for detecting, evaluating, and managing suicide risk to professionals working with people who may be susceptible to it.

The other course offered by MIDAP was “Early childhood video-feedback intervention”, with Associate Researcher Marcia Olhaberry, Postdoctoral Researcher Catalina Sieverson, and Young Researcher María José León. It was scheduled for January 2021, to be held online. This course was designed to provide initial theoretical and practical content for the understanding and use of video feedback when working with young children and their families.

The courses co-organized with Mentalizar Chile, mentioned in the previous section, were: “Mentalization Based Treatment for Children (MBT-C)”, accredited by the Yale Child Study Center, an official course of the Anna Freud National Centre for Children and Families (London) that constitutes the first step for acceptance as an MBT-C Certified Practitioner; and “Contributions of Mentalization Based Treatment for Adolescents (MBT-A) and AMBIT”, accredited by the University Mental Health Institute of Universidad Ramón Llull (Barcelona). Originally planned to be taught face-to-face in June 2020, with Dr. Norka Malberg (USA/Spain) being in charge of MBT-C and Dr. Mark Dangerfield (Spain) being in charge of MBT-A/AMBIT, the courses were rescheduled for August. However, given the difficulties caused by the pandemic, they had to be conducted online in December. Despite these changes, the enrollment process was highly successful, particularly regarding the course on MBT-C, which filled its 40 available positions—at the same cost as the course offered in London—in less than a week. The enrollment processes for both courses were opened well in advance, allowing participants to pay their fees in installments, first because it was a large amount and second due to the economic restrictions derived from the health emergency. After this successful experience, MIDAP will continue co-organizing several courses on mentalization together with Mentalizar Chile. In 2021, these will include new online versions of the official MBT-C and MBT-A courses, led by Dr. Norka Malberg, and the official course on Reflective Functioning Evaluation in the Parent Development Interview (PDI), led by Dr. Marta Golanó (Spain).

An unforeseen consequence of the shift to e-learning was that participants from other regions of Chile and even from other countries were able to enroll, which has increased MIDAP's visibility and extended the range of young public or private sector professionals wishing to learn about new tools and acquire knowledge applicable to their fields of expertise. In 2020, our courses had participants from all the regions of Chile, along with professionals from Costa Rica, Peru, and Colombia.

### c) **Destination of students:**

Although some students who have obtained their doctoral degrees in recent years are affiliated with their universities on fixed-term contracts and without an academic position, others have gradually signed permanent contracts in a number of Chilean institutions. The latter group includes Cristóbal Hernández, now a Professor at Universidad Adolfo Ibáñez, and Diana Gómez, Professor at Universidad Santo Tomás. In addition, many of them are still involved in clinical work, putting into practice what they learned throughout the doctoral program and the results of their own research. As previously explained, most of them are now associated with MIDAP as Young Researchers or Collaborator Researchers. Although the position of Collaborator Researcher is unpaid, MIDAP allows members in this group to apply for funding to attend conferences and supports them in their applications for competitive grants to allow them to continue growing as researchers.

## 5. Networking and other collaborative work

**a) Networking:** During 2020, MIDAP continues to consolidate its international footprint, maintaining and strengthening many of its international networks, even though international travel was interrupted due to the COVID-19 pandemic. MIDAP's international activity can be organized in six areas of scientific work: (a) Depression and Personality Dysfunction, (b) Biological and Personality Interactions and Cultural Aspects in the Development of Psychological Disorders, (c) Change Processes in Psychotherapy, (d) Longitudinal Studies on the Development of Depression, (e) Mindfulness and other Contemplative Practices, (f) E-Mental Health Research, and (g) Early Developmental Conditions. Collaborative activity within the above-mentioned areas will be reported under the current heading (Networking and Annex 6.1) as well as under the heading other Collaborative activities (Annex 6.2).

**a.1) Depression and Personality Dysfunction.** The scientific collaboration to establish an International Network for the Study of the Heterogeneity of Depression (CONICYT, PCI REDES180104), continues to develop with researchers from The University of Sheffield and from Columbia University. Two Master thesis were developed in Chile and in the UK by students working within this project, and the manuscript of meta-analysis of the effect of Borderline Personality Disorder on the outcomes of Cognitive Behavioral therapy for depression was submitted for publication in *Cognitive Therapy and Research*. Funding for this project from ANID was extended until December 2021 because of the restrictions for international research due to the pandemic. Also, Prof. Birgit Watzke from the University of Zürich joined this international network. Currently the members are working on a manuscript looking at PHQ-9 based heterogeneity in samples from Chile, Germany, UK, and Lebanon.

**a.2) Biological and Personality Interactions and Cultural Aspects in the Development of Psychological Disorders.** During 2018, an international collaboration grant was awarded by CONICYT (PCI REDES180050) to create the International Network for Research in Psychotherapy and Mental Health in Sexual and Gender Diversity. This particular topic of research has developed in MIDAP within L1 and L3, and this international network will promote that researchers from MIDAP, Universidad Diego Portales, Ben Gurion University (Israel), Pink Consultores (Colombia), and PVPP Research Center (Brazil) will collaborate to exchange knowledge and methodologies to foster research in this topic. During 2020 no international travel was possible, but the network continues to be active although with less activity.

**a.3) Change Processes in Psychotherapy.** The international network around the study “Randomized Trial: Adolescent Identity Treatment (AIT): A New Integrative Approach to Personality Pathologies” ended the recruitment phase. Results of the study are being reviewed for publication.

**a.4) Mindfulness and other Contemplative Practices.** MIDAP continues its ongoing scientific and training networks in a broader, more global arena. The formal collaboration agreement between MIDAP, the Zhaw School of Applied Psychology at the University of Zürich, the Università Roma Tré, and the Faculty of Psychology at Vietnam National University in Ho Chi Minh City continues to provide a formal context for international research and training initiatives. This network has the purpose of implementing joint research activities with a focus on the development and implementation of projects in the area of “Mindfulness-related interventions in schools and other contexts”. During 2020 a paper was published as a result of this international work (Paper #37).

**a.5) E-Mental Health Research.** In the area of E-Mental Health Research, MIDAP continues to develop fruitful scientific collaborations that have centered this line of research, which is one of the most prominent within the Institute. Funding from ANID for this study ended in 2020 with a final International Seminar as a conclusion activity. However, the network remains active, in search of additional funding opportunities.

The project “Using technology to facilitate international research on diagnosis and treatment of borderline personality disorder in adolescence, including low and middle-income countries – strategy based on direct clinical benefit” continued to strive during 2020, focusing primarily on the development

of the Mental Health Information Reporting Assistant (MHIRA), an open-source software to conduct Evidence-Based Assessment (EBA 2019). Alongside colleagues at the University of Basel a sizable grant was awarded by the Botnar Foundation to develop this software for the detection, treatment, and research of adolescents with Borderline Personality Disorder. This project involves sites in Chile and Switzerland as well as in Kosovo and Tanzania. The project is well on its way with a Minimum Viable Product ready to be rolled out during 2021. Antonella Davanzo, a doctoral student from MIDAP working in this project successfully defended her dissertation project in 2020.

**a.6) Early Developmental Conditions.** During 2018, an international research grant was awarded by CONICYT to create the Network for the Study of Emotion Regulation within the Family Context, involving researchers from Universidad del Desarrollo and MIDAP in Chile, University of California Davis in the USA, and the University of Melbourne in Australia. The aim of the network is to foster scientific exchange and develop multilateral training initiatives. During 2020, this network saw a significant slowing down of activities because of the pandemic. Hopefully work will restart in 2021.

- b) **Other collaborative activities.** As previously reported, regarding the development of **longitudinal studies**, MIDAP has partnered with national research centers, which has resulted in a significant strengthening of Research Line 1 (details are presented in Section 3). Specifically, MIDAP has contracted with the Center for Intercultural and Indigenous Studies (CIIR) to include a mental health module in the Longitudinal Survey on Intercultural Relationships (ELRI). MIDAP has also contracted with the Center for the Study of Social Conflict and Cohesion (COES) to include a mental health module for depression and subjective well-being in the Longitudinal Social Study of Chile (ELSOC). Finally, the Encuesta Longitudinal de Primera Infancia (ELPI) [National Longitudinal Survey of Early Childhood] has produced third-wave published in 2019. Two postdoctoral students at MIDAP produced initial manuscripts about depression persistence between measurement waves in ELRI and ELSOC. During 2020 significant work was conducted to change data collection strategies due to the pandemic.

During 2020 MIDAP started a collaboration with MIDE, a measurement center based at the School of Psychology of the P. Universidad Católica de Chile. The collaboration has yielded an International Seminar including potential additional partners to this collaboration at the University of Chicago and Harvard University. The work of this network focuses around issues of mental health measurement, including the development of computer-adaptive tests.

In addition, regarding **early developmental conditions**, MIDAP continues to have researchers participating formally in the Attachment & Adoption Research Network, which includes 12 countries in 4 continents. The network brings together an international group of researchers with the scientific aim of examining the development of attachment bonds in children deprived of their families. The network provides common instrumentation to advance research in this topic and aggregates findings in collaborative publications.

Under a newly awarded research project, (FONDECYT Regular 1191299) a scientific collaboration with Psicomédica Clinical Group, a Santiago-based mental health treatment center continues to flourish, even though data collection for this project has been significantly hampered because of the pandemic.

MIDAP has also continues to collaborate with the International Society for the Study of Personality Disorders (ISSPD), where MIDAP's Director of Research, Dr. Alex Behn is Vice-President in charge of the Latin American Group. During 2020 work centered around the organization of the 2021 meeting in Oslo, Norway.

## 6. Outreach and connections with other sectors

- a) **Outreach:** We started 2020 with an outreach budget of \$ 7,000,000 (US\$10,000) and a novel challenge: promoting emotional self-care and contributing to the mental health rehabilitation of Chileans after the impact of the social explosion of October 2019. We planned four specific activities: 1) the production and dissemination of a new six-minute-long psychoeducational video animation (animate) focused on the progress and the scientific impact of our studies and practical applications, which influence our lives from early childhood to old age; 2) active participation in the Science Fest of the Explora Program, with a stand where we expected to deliver information and learning materials about depression, emotion regulation, and healthy lifestyles; 3) contributions to four radio interviews on the show "Millennium on Air: Science, Culture, and Society", produced by Radio Universidad de Chile; and 4) participation in the Antofagasta Port of Ideas event, with two masterclasses, and in the Science Walk event, through the organization of brief workshops about at least three mental health topics to be defined with the organized with the Port of Ideas organizers.

However, in March 2020, the COVID-19 health emergency began in Santiago and several regions, which led to lockdown and mobility restriction measures. This forced us and our counterparts in the implementation of outreach events to adapt several activities and even to reassess others. The impossibility of holding the Science Fest in person resulted in a rescheduling and a change in our participation in this event, which became an online activity called Festival of Science (FECI, held on November 11-15): we were unable to present our psychoeducational material in a stand, but the new virtual mode devised by our counterpart Explora RMSP gave us the chance to increase the Institute's prominence by preparing more activities than initially planned. This new mode of involvement highlighted the Institute's status as an authority on mental health topics in a time when the mental health of Chile and the world was being affected by the effects of the COVID-19 lockdowns; furthermore, it enabled us to reach more regions of Chile. We generated two new products (podcasts) in collaboration with Foro Ciudadano [Citizens' Forum]: one that dealt with the role of psychotherapy as a relevant and necessary tool for safeguarding and improving psychoemotional well-being (featuring Associate Researcher Mariane Krause and Senior Researcher Guillermo de la Parra) and another that discussed the mental health status of young Chileans, especially university students (featuring Young Researchers Javier Morán and Natalia Salinas).

The online FECI also allowed us to use our own social media accounts and those of the Explora program to share the results of a new outreach program launched in October 2020 by one of its main authors, MIDAP's Deputy Director Marcia Olhaberry: the "Mentalizar" [Mentalizing] project. This is a tool for emotional and behavioral regulation in stressful situations which offers protective capabilities regarding mental health. "Mentalizar" was one of the 12 projects funded through the competitive grant called "Mental Health, How Science Takes Care of Us", part of the Science and Society division of the Ministry of Science, to develop general interest products based on studies on various mental health topics and thus contribute to their understanding and prevention from a psychosocial perspective. In addition, in a special show that Radio Universidad de Chile produced as part of FECI, our Director Juan Pablo Jiménez raised awareness about the importance of emotional self-care for mental well-being during the COVID-19 pandemic. We also shared on all FECI social media accounts our animated video entitled "Let's Take Care of Our Mental Health", produced with the collaboration of renowned cartoonist Guillo. The material shows the importance of having bonds, goals, and habits from an early age in order to enable our minds and bodies to develop healthily.

The health emergency also forced us to reallocate Millennium funding for activities that we were unable to carry out. Thus, the suspension of the Antofagasta Port of Ideas Festival, which had been scheduled for April 2020, allowed us to fund a second season of the show "Millennium on Air: Science, Culture, and Society", broadcast by Radio Universidad de Chile. Four new interviews were added to the original four conducted during the first semester, which increased our recognition in Chile thanks to all the outlets of this radio station and our own platforms and enabled us to share our most recent studies on mental

and COVID-19, carried out between January and November 2020. MIDAP researchers engaged in deep discussions of topics such as the effect of the social explosion on Chileans' mental health, depression and how it can influence mental health during the pandemic, how emotions spread from person to person and how to handle them, the experience of psychotherapists who treat complex patients in the public health system, the impact of COVID-19 on pregnancy and parenting, suicide prevention in older adults, particularly those affected by the risk factor of isolation due to the pandemic, child and adolescent abuse during the pandemic, and other findings about the psychological effects of social isolation in this period.

Although the cancellation of the Antofagasta Port of Ideas Festival in April prevented us from offering a masterclass in that venue and organizing three workshops in Antofagasta within the context of the Science Walk, we were invited to take part in the fully online Valparaíso Port of Ideas, in November. It was at this event that our Director, Juan Pablo Jiménez, offered the masterclass “Notes from the Couch about an Uncertain Chile”, in which he analyzed the combined effect on mental health of both the social explosion of October 2019 and the COVID-19 pandemic which began in March 2020. This talk drew a large audience on both Port of Ideas and MIDAP platforms.

Thanks to new Millennium funding for outreach purposes in the second semester of 2020 and the first semester of 2021, we established a productive alliance with the online news site CIPER/Académico, which resulted in the publication of one interview and five columns between October and December 2020 (for details, see the Outreach Activities Annex). Among other topics, one of these publications was based on the conference “Notes from the Couch about an Uncertain Chile”, mentioned in the previous paragraph. We also agreed to produce two chapters of the Pandemic Neurópolis special with Cábala Producciones, which will cover two relevant aspects of these times of pandemic and lockdowns: how our emotions are affected and how violence impacts on our domestic settings. Both chapters are in the production stage and will be completed in 2021.

In early January, we organized the in-person masterclass “Recent findings and challenges in the treatment of personality disorders”, by renowned Professor Otto Kernberg of Columbia University. This event—the latest talk of the Cycle of International Conferences on Mental Health that we organized in 2019— was jointly produced by MIDAP, the Vice-president's Office for Research of Pontificia Universidad Católica de Chile, and Columbia Global Centers Santiago. Also in January, and before the COVID-19 pandemic, we hosted two other international events: the Seminar “Depression in older adults with and without cognitive impairment” and the Seminar “Internet-based interventions for the treatment of mental health problems”.

Concerns over the mental health issues affecting Chileans due to the pandemic sparked media interest in this topic, and since MIDAP has emerged as a permanent source of information, our researchers were frequently interviewed, with at least 45 appearances in opinion columns, interviews, and articles on this subject (for details, see Outreach Activities Annex). For instance, our Director, Juan Pablo Jiménez, was interviewed for the 2020 Annual of Paula Magazine (La Tercera newspaper) regarding the article “Depression and distress indexes in Chile”. He also took part in the online meeting “Neuroscience and emotion management during the pandemic”, organized by El Mercurio (newspaper), and was a guest in the program “A tu Salud” [To Your Health] of Radio Universidad de Chile, within the context of the Health and Constitution special.

Lastly, and even though they are not outreach activities as such, we would like to mention the 6th MIDAP Research Conference held in January and the four Plenary Meetings held in April, June, August, and November. In the first event, which was conducted in person, participants discussed at length the role of MIDAP in the new social pact for Chile. It featured the participation of most of our researchers and two guests whose expertise makes them very relevant in today's political context: Claudio Fuentes, Associate Researcher of the Center for Intercultural and Indigenous Studies (CIIR) and coordinator of the Constitutional Laboratory of Universidad Diego Portales, and Cristóbal Cuadrado, Professor of the

Policies, Systems, and Health Administration Program of the Public Health School of Universidad de Chile.

The Plenary Meetings, which bring together all the researchers and students affiliated at MIDAP, benefited from the participation of guests with a key role in the public policies on mental health during the pandemic and who have been permanently featured in the media. These guests include Olga Toro, director of the Mental Health Program of Universidad Chile's Public Health School, Matías Irrázaval, MIDAP researcher and Head of the Mental Health Department of the Ministry of Health (MINSAL), and Benito Baranda, psychologist as well as president and founder of América Solidaria. With these guests, participants analyzed and discussed topics such as the state of the mental health system during the pandemic and beyond, the new *Saludablemente* platform launched by MINSAL in 2020, the challenges of online care and psychotherapy, and how mental health is worsened in vulnerable and low-income populations, all of which are part of MIDAP's lines of research. Details in Annexes 7.1 a 7.3.

- b) Connections with other sectors:** Since the COVID-19 health emergency began in March 2020, MIDAP researchers have participated actively in a number of public and private initiatives aimed at contributing to various fields affected by the situation. For instance, Associate Researchers María Pía Santelices, Vania Martínez, and Mariane Krause, along with Adjunct Researchers Manuel Ortiz, were invited to take part in the Social Round-Table Committee on Mental Health and Psychosocial Well-Being, in order to offer mental guidelines to the COVID-19 Social Round-Table Committee. Several interdisciplinary teams were created within the framework of this expert panel set up by the Chilean Government to tackle the pandemic. The group focused on mental health and psychosocial well-being sought to devise strategies to reduce the negative effects of the pandemic on the mental health of the Chilean population. Faced with this complex situation, the participating researchers prepared three preventive and protective tools that considered the psychological, social, and contextual conditions that influence the adoption of the measures proposed to deal with the pandemic. The first contribution was a virtual interactive platform (app), with material and concrete tools to deal with crisis situations (which then led to the creation of the *SaludableMente* [Healthy Mind] platform). The second contribution consisted in the generation of guidelines to manage the mourning process in various contexts. Guides for families, children, and health care workers ([https://www.psicologia.uc.cl/wp-content/uploads/2020/05/20200518\\_GUIAS-DE-ACOMPAN%CC%83AMIENTO-Y-DUELO-COVID-2.pdf](https://www.psicologia.uc.cl/wp-content/uploads/2020/05/20200518_GUIAS-DE-ACOMPAN%CC%83AMIENTO-Y-DUELO-COVID-2.pdf)). The third contribution—based on existing knowledge about the unequal distribution of mental health problems in Chile, especially depression—consisted in seeking strategies to tackle this issue within the context of the pandemic. The Internet offers a clear example of this situation. While many people found it to be an essential tool to stay in touch with their loved ones and their support networks, others did not take advantage of it, either due to economic or age reasons. All these are risk groups and require preventive psychological support.

In all other aspects, MIDAP preserved most of the connections established in previous years. These included, among others, connections and alliances with Community Mental Health Centers (COSAM) located in the Metropolitan Region in order to conduct joint studies, for instance, on the Operationalized Psychodynamic Diagnosis (OPD-2) and its psychotherapeutic outcomes (L3). In addition, some MIDAP researchers continued collaborating in the development of AUGE Clinical Practice Guidelines for treating depression in people aged 15 and up, a Mental Health Support Program for children between 5 and 9 years of age (together with the Chilean Ministry of Social Development), and the Guide for Mental Health Prevention in Older Adults, among other projects.

Although Mariane Krause ended her assignment as the head of the National Committee of Scientific and Technological Research (CONICYT), part of the Ministry of Education, she was invited in September 2020 to collaborate as a member of the Advisory Council of the new Ministry of Science, Technology, Knowledge, and Innovation.

The collaborative research conducted by MIDAP together with a number of private health institutions that provide psychological care resulted in several scientific articles, some of which have already been



published and others are in preparation (e.g. a study on the effectiveness of an Internet-based intervention for treating depression, aimed at improving depression management, at Psicomédica Medical & Research Group; a study on mindfulness-based stress reduction at the Mental Health Unit of San Joaquín Medical Center [Red de Salud UC CHRISTUS]; and a study on the examination of the psychotherapy process and outcome with teens using AIT [Adolescent Identity Treatment] at the Instituto Médico Schilkrut).

MIDAP's collaboration with several research centers that are conducting longitudinal studies based on the results of the ELSOC and ELRI surveys (especially COES and CIIR), have also resulted in scientific and general interest articles in multiple media outlets.

Furthermore, a relevant connection was established with the MIDE UC Measurement Center in order to collaborate in several initiatives aimed at developing measurement strategies capable of informing reliable and useful diagnoses for the design of protection systems associated with public policies. With respect to MIDAP's findings in the mental health field—given the Institute's aim to inform public policy on common mental health disorders, including depression—, it is greatly important to ensure that said policies are based on trustworthy data and the actual state of the population in order to determine which preventive interventions can succeed in reducing the impact of depression. To do so, it is necessary to conduct good routine measurements, and it is precisely this goal that we intend to meet by associating with MIDE UC, which specializes in a variety of psychosocial phenomena. We expect to organize seminars, courses, and joint research projects, apart from adding a mental health module to the Foco Ciudadano [Citizen Focus] survey, conducted annually by MIDE UC.

In a slightly different area, but as a result of its leadership and relevance, MIDAP was invited along with other 21 universities and academic and scientific organizations to join the Network of Mental Health Advocacy Organizations "Mental Health is Health", which is encouraging the Chilean State to increase its investment in mental health to 6 percent of the Health Ministry budget (the rate recommended by the World Health Organization) and match the financial coverage of mental health treatments with that of other physical diseases in private insurance plans. Nowadays, Chile only allocates 2% of its health care budget to mental health. For a more detailed list, see Annex 8.

c) **Other achievements:** Nothing to report during 2020

## 7. Administration and Financial Status

- a. **Organization and administration:** Due to the COVID health emergency, all the administrative tasks of the MIDAP Institute have been conducted remotely since March 2020.

The Council of Associate and Senior Researchers<sup>3</sup> holds its monthly meetings on Zoom. As is already known, the tasks of the Council include organizing and coordinating all the scientific-academic activities of the Institute; actively participating in different research activities held each year; making decisions about the promotion of researchers belonging to the Institute; defining the rules of some internal tenders and selecting their beneficiaries; and making strategic decisions about the research conducted at the institute, among other tasks.

MIDAP's Management Team, which executes the decisions of its leaders and Council (see previous Annual Reports) underwent a new change in early 2020. The Deputy Director Diego Cosmelli resigned from that position in June 2019 in order to focus on other relevant duties as Director of the Graduate School of the Pontificia Universidad Católica de Chile. Marcia Olhaberry, an Associate Researcher at MIDAP, was appointed as the new Deputy Director of the Institute on July 1st, 2020. Dr. Cosmelli continued to be involved as Associate Researcher of the Institute and member of MIDAP's Council. The Management Team adapted all its tasks to enable its members to work from home since March 16. Despite the inherent difficulties of the situation, the outcome was quite successful. They continued holding weekly internal remote meetings.

The various studies led by a MIDAP researcher have a team composed of other researchers and research assistants, most of whom receive payment through MSI funds for part-time staff. The other research assistants are supported through external funds provided through additional research projects led by MIDAP researchers.

Category	Female	Male	TOTAL
Assistant & Technicians	25	7	32
Administrative Staff	3	1	4
<b>TOTAL</b>	<b>28</b>	<b>8</b>	<b>36</b>

Universidad Diego Portales requested to be added as one of MIDAP's Host Institutions (see Introduction). This request was accepted, with the decision being made official on August 5, 2020. In terms of infrastructure and administrative duties, our Institute primarily relies on the support of UC's School of Psychology (EPUC). General facilities provided by all Host Institutions include work spaces for the researchers and students involved in each project; library services; meeting rooms; clerical assistants; phone and Internet connection; video conferencing equipment; software for quantitative and qualitative statistical analysis; and other general services.

- b. **Financial Status** (Annex 9): The Institute received the total payment of its seventh financial contribution from the MSI by early July 2020 (approx. US\$414,000), the same amount as the previous year. Additionally, the MSI contributed with US\$ 14,200 for Outreach activities, a 27% budget increase compared with the funding allocated in 2019.

MIDAP continues to receive some financial support from ANID (former CONICYT) (approximately US\$20,900, allocated through FONDECYT) through funding for other research projects conducted by several MIDAP researchers, together with other grants obtained from various sources, like the funds awarded by Botnar Foundation (Switzerland). This year, the Vice-president's Office for Research of Pontificia Universidad Católica de Chile agreed to grant MIDAP Chilean \$10.000.000 per year (approx.

<sup>3</sup> Only senior researchers residing in Chile are part of the Council.

US\$14,380), mostly to support the training of postdoctoral researchers and continue covering the research visits of doctoral students abroad. As the latter activities were obviously impossible to conduct, the decision was made to use the total sum received to pay for a partial postdoctoral scholarship (more details in section 4).

The outflow structure for the year 2020 followed the same pattern of past years, with most of the MSI income being spent on researchers' and students' salaries and bonuses, internal research grants (including the new FIP funds, research assistants' salaries and partial support for publications), and a rather small contribution for attending scientific events held in virtual mode, among other elements.

**Annex 1.- Institute / Nucleus Researchers**

<b><u>NOMENCLATURE:</u></b> <b>[Gender]</b> [M] Male [F] Female [ND] Does not Declare	<b>[Academic Degree]</b> [U] Undergraduate [M] Master [D] Doctoral	<b>[Relation with Center]</b> [1] Full time [2] Part time
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**1.1 Summary table of MIDAP researchers**

Category	Number	Average age	Nationality		Gender Distribution		
			Chilean	Other	Male	Female	Not stated
Director	1		1	--	1	--	--
Deputy Director	1		1	--	--	1	--
Associate Researchers	13		13	--	5	8	--
Senior Researchers	5		1	4	4	1	--
Adjunct Researchers	21		18	3	7	14	--
Young Researchers	16		15	1	8	8	--
Postdoctoral Researchers	3		2	1	2	1	--

**1.2 Principal Researchers**

Full Name	Research Line	Nationality	Gender	Date of birth	Profession	Academic Degree	Affiliation	Current Position	Relation with Center
Mariane Krause Jacob	L 3: Psychotherapeutic interventions and change processes L 4: Mitigation of Chronicity in the Course of Depression	Chilean	F	17-10-1955	Psychology	D	Pontificia Universidad Católica de Chile	Full professor	2
María Pía Santelices Álvarez	L 2: Health promotion and psychosocial prevention.	Chilean	F	04-02-1969	Psychology	D	Pontificia Universidad Católica de Chile	Associate Professor	2

Claudia Miranda Castillo	L 2: Health promotion and psychosocial prevention.	Chilean	F	17-12-1974	Psychology	D	Universidad Andrés Bello	Professor Investigator	2
J. Carola Pérez Ewert	L1: Basic bio-psycho-social structures and processes L 4: Mitigation of Chronicity in the Course of Depression	Chilean	F	21-03-1970	Psychology	D	Universidad del Desarrollo	Adjunct Investigator	2
María Graciela Rojas Castillo	L 4: Mitigation of Chronicity in the Course of Depression L1: Basic bio-psycho-social structures and processes	Chilean	F	24-09-1954	Psychiatry	D	Universidad de Chile	Full professor	2
Claudio Martínez Guzman	L 3: Psychotherapeutic interventions and change processes	Chilean	M	06-04-1962	Psychology	D	Universidad Diego Portales	Associate Professor	2
Luis Antonio Salazar Navarrete	L1: Basic bio-psycho-social structures and processes	Chilean	M	29-08-1960	Medical Technology	D	Universidad de la Frontera	Full professor	2
Diego Cosmelli	L1: Basic bio-psycho-social structures and processes	Chilean	M	18-01-1973	Biochemistry	D	Pontificia Universidad Católica de Chile	Associate Professor	2
Vania Martínez	L 3: Psychotherapeutic interventions and change processes L 2: Health promotion and psychosocial prevention	Chilean	F	14-01-1970	Psychiatry	D	Universidad de Chile	Associate Professor	2
Jaime Silva	L1: Basic bio-psycho-social structures and processes	Chilean	M	07-07-1972	Psychology	D	Universidad del Desarrollo, Universidad de la Frontera	Associate Professor	2
Alemka Tomicic Suñer	L1: Basic bio-psycho-social structures and processes L 3: Psychotherapeutic interventions and change	Chilean	F	17-09-1976	Psychology	D	Universidad Diego Portales	Director School of Psychology	2

	processes.								
Marcia Olhaberry	L 2: Health promotion and psychosocial prevention. L 3: Psychotherapeutic interventions and change processes.	Chilean	F	24-02-1969	Psychology	D	Pontificia Universidad Católica de Chile	Assistant Professor	2
Juan Pablo Jiménez	L1: Basic bio-psycho-social structures and processes	Chilean	M	03-07-1945	Psychiatry	D	Universidad de Chile	Full professor	1

### 1.3 Young Researchers

Full Name	Research Line	Nationality	Gender	Date of birth	Profession	Academic Degree	Affiliation	Current Position	Relation with Center
Álvaro Vergés Gómez (till June 14, 2020)	L1: Basic bio-psycho-social structures and processes	Chilean	M	01-01-1981	Psychology	D	Pontificia Universidad Católica de Chile	Assistant Professor	2
Sebastián Medeiros (till June 25, 2020)	L 3: Psychotherapeutic interventions and change processes L 2: Health promotion and psychosocial prevention	Chilean	M	28-01-1978	Psychiatry	M	Pontificia Universidad Católica de Chile	Professor	2
Alvaro Jiménez Molina	L1: Basic bio-psycho-social structures and processes	Chilean	M	14-03-1985	Psychology	D	Universidad Diego Portales	Assistant Professor	2
Henry Daniel Espinosa Duque	L 2: Health promotion and psychosocial prevention	Colombian	M	10-08-1983	Psychology	D	Universidad CES - Medellín	Research Professor	2
Cristian Montenegro Cortés	L1: Basic bio-psycho-social structures and processes	Chilean	M	02-06-1986	Sociology	D	Pontificia Universidad Católica de Chile	Assistant Professor	2

Cecilia Juanita de la Cerda Paolinelli	L 3: Psychotherapeutic interventions and change processes	Chilean	F	26-02-1966	Psychology	D	Unviersidad de Playa Ancha	Professor	2
Alberto Botto	L1: Basic bio-psycho-social structures and processes	Chilean	M	29-07-1975	Psychiatry	D	Universidad de Chile	Assistant Professor	2
A. Javiera Duarte Soto	L 3: Psychotherapeutic interventions and change processes	Chilean	F	25-04-1980	Psychology	D	Universidad Diego Portales	Professor	2
Javier Morán Kneer	L 3: Psychotherapeutic interventions and change processes	Chilean	M	11-09-1980	Psychology	D	Universidad de Valparaíso	Professor	2
Pablo Martínez Díaz	L 2: Health promotion and psychosocial prevention	Chilean	M	10-05-1988	Psychology	D	Universidad de Santiago	Instructor Professor	2
Cristóbal Hernández Contreras	L 3: Psychotherapeutic interventions and change processes	Chilean	M	15-11-1989	Psychology	D	Universidad Adolfo Ibáñez	Professor Instructor	2
Nicolle Álamo Anich	L 3: Psychotherapeutic interventions and change processes	Chilean	F	20-10-1975	Psychology	D	Pontificia Universidad Católica de Chile	Adjunct Assistant Researcher Professor	2
Natalia Salinas Oñate	L 2: Health promotion and psychosocial prevention	Chilean	F	01-01-1985	Psychology	D	Universidad de La Frontera	Professor	2
María José León Papić	L 3: Psychotherapeutic interventions and change processes	Chilean	F	18-03-1985	Psychology	D	Universidad Austral del Chile - Puerto Montt	Adjunct Professor	2
Kathleen Saavedra Peña	L1: Basic bio-psycho-social structures and processes	Chilean	F	14-04-1986	Medical Technology	D	Universidad de La Frontera	Assistant Professor	2
Stefanella Costa Cordella	L 3: Psychotherapeutic interventions and change processes	Chilean	F	19-06-1986	Psychology	D	Universidad Diego Portales	Postdoctoral Adjunct Researcher	2
Pablo López Silva	L1: Basic bio-psycho-social structures and processes	Chilean	M	01-01-1986	Psychology	D	Universidad de Valparaíso	Adjunct Professor	2

María Isabel Gaete Celis	L1: Basic bio-psycho-social structures and processes	Chilean	F	16-06-1967	Psychology	D	Centro de Estudios Laboratorio de Fenomenología Corporal, LA FEC	Researcher	2
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#### 1.4 Senior Researchers

Full Name	Research Line	Nationality	Gender	Date of birth	Profession	Academic Degree	Affiliation	Current Position	Relation with Center
Guillermo de la Parra Cieciva	L 3: Psychotherapeutic interventions and change processes	Chilean	M	24-10-1952	Psychiatry	D	Pontificia Universidad Católica de Chile	Full Professor	2
Horst Kaechele †	L 3: Psychotherapeutic interventions and change processes	German	M	18-02-1944	Psychiatry	D	International Psychoanalytic University Berlin	Full Professor	Passed away on June 28, 2020
Adam Otto Horvath	L 3: Psychotherapeutic interventions and change processes	Canadian	M		Psychology	D	Simon Fraser University	Emeritus Professor, Counselling Psychology Program (Education) & Department of Psychology	2
Peter Fonagy	L1: Basic bio-psycho-social structures and processes. . L 3: Psychotherapeutic interventions and change	British	M		Psychology	D	University College London	Head of Department, Research Department of Clinical,	2



	processes							Educational and Health Psychology and the Freud Memorial Professor of Psychoanalysis, University College, London	
Susanne Schlüter-Müller (from September 7, 2020)	L 3: Psychotherapeutic interventions and change processes	Swiss	F	19-02-1954	Psychiatry	D	Institut für Psychotherapie des Kindes- und Jugendalters der Universitätsklinik Basel	Researcher and teacher	2
Klaus Schmeck (from September 7, 2020)	L 3: Psychotherapeutic interventions and change processes	Swiss	M	12-11-1956	Psychiatry	D	The University Psychiatric Clinics (UPK) Basel	Ordinarius für Kinder- und Jugendpsychiatrie	2

### 1.5 Adjunct Researchers

Full Name	Research Line	Nationality	Gender	Date of birth	Profession	Academic Degree	Affiliation	Current Position	Relation with Center
Orietta Echávarri	L1: Basic bio-psycho-social structures and processes. .	Chilean	F	14-04-1963	Psychology	M	Pontificia Universidad Católica de Chile	Assistant Adjunct Professor	2
Candice Fischer Perlman	Rehabilitation and reintegration. .	Chilean	F	22-03-1977	Psychology	D	Pontificia Universidad	Adjunct Professor	2

							Católica de Chile		
Klaus Schmeck (till September 6, 2020)	L 3: Psychotherapeutic interventions and change processes..	Swiss	M	26-07-1956	Psychology	D	Psychiatric University Hospital Basel (UPK)	Ordinarius für Kinder- und Jugendpsychiatrie Kinder- und Jugendpsychiatriische Klinik	2
Nelson Valdés Sánchez	L1: Basic bio-psycho-social structures and processes. . L 3: Psychotherapeutic interventions and change processes..	Panamanian	M	23-07-1971	Psychology	D	Universidad Santo Tomás		2
Susana Maldonado Curti	L1: Basic bio-psycho-social structures and processes. .	Chilean	F	24-08-1960	Biology	M	Instituto Milenio para La Investigación en Depresión y Personalidad-MIDAP	Executive Director	2
Stephanie Bauer	L 2: Health promotion and psychosocial prevention.. L 3: Psychotherapeutic interventions and change processes..	German	F	09-04-1975	Psychology	D	University Hospital Heidelberg	Chief Researcher at Center for Psychotherapy Research	2
Paula Errázuriz Arellano	L 3: Psychotherapeutic interventions and change processes.. Rehabilitation and reintegration. .	Chilean	F	31-10-1978	Psychology	D	Pontificia Universidad Católica de Chile	Adjunct Professor	2
Sergio Gloger (till August 2020)	Rehabilitation and reintegration. .	Chilean	M	30-04-1950	Psychiatry	M	PsicoMedica Research & Clinical Group	Director	2

Patrick Luyten	L 3: Psychotherapeutic interventions and change processes.. L1: Basic bio-psycho-social structures and processes. .	British	M		Psychology	D	Research Department of Clinical, Educational and Health Psychology, University College London	Professor and Researcher	2
Susana Morales Silva	L1: Basic bio-psycho-social structures and processes. .	Chilean	F	02-10-1966	Psychology	D	Pontificia Universidad Católica de Chile, Departamento de Psiquiatría	Adjunct Researcher	2
Susanne Schlueter-Müller (till September 6, 2020)	L 3: Psychotherapeutic interventions and change processes..	Swiss	F	19-02-1954	Psychiatry	D	Institut für Psychotherapie des Kindes- und Jugendalters der Universitätsklinik Basel, Bern, Zürich.	Professor and Researcher	2
Diana Rivera Ottenberg	L 3: Psychotherapeutic interventions and change processes..	Chilean	F	01-04-1957	Psychology	D	Pontificia Universidad Católica de Chile	Adjunct Professor	2
Álvaro Ignacio Langer Herrera	L 2: Health promotion and psychosocial prevention..	Chilean	M	29-05-1979	Psychology	D	Universidad Austral de Chile, Escuela de Psicología	Main Researcher	2
Manuel Ortiz Parada	L1: Basic bio-psycho-social structures and processes. .	Chilean	M	15-10-1975	Psychology	D	Universidad de la Frontera	Assistant Professor	2
Carolina Altimir Collao	L 3: Psychotherapeutic interventions and change processes..	Chilean	F	06-11-1975	Psychology	D	Universidad Alberto Hurtado	Regular Professor	2

Matías Irrázaval Domínguez	L 2: Health promotion and psychosocial prevention..	Chilean	M	21-07-1978	Psychiatry	M	Universidad de Chile, Departamento de Psiquiatría y Salud Mental, Facultad de Medicina	Assistant Professor	2
Carla Crempien Robles	L 3: Psychotherapeutic interventions and change processes..	Chilean	F	18-05-1967	Psychology	D	Instituto Milenio para la Investigación en Depresión y Personalidad-MIDAP	Adjunct Researcher	2
Paula Dagnino Robles	L 3: Psychotherapeutic interventions and change processes..	Chilean	F	27-11-1975	Psychology	D	Universidad Alberto Hurtado	Head Clinical Area, Professor	2
Olga María Fernández González	L 3: Psychotherapeutic interventions and change processes..	Chilean	F	10-11-1964	Psychology	D	Universidad de Chile, Departamento de Psiquiatría y Salud Mental, Facultad de Medicina	Assistant Professor	2
Paul Vohringer Cárdenas	L1: Basic bio-psycho-social structures and processes. .	Chilean	M	11-10-1975	Psychiatry	M	Universidad de Chile, Departamento de Psiquiatría y Salud	Assistant Professor	2
Francisca Sofía Pérez Cortés	L 2: Health promotion and psychosocial prevention.	Chilean	F	21-10-1983	Psychology	D	Universidad Alberto Hurtado	Regular Professor	2
Claudia Capella	L 3: Psychotherapeutic interventions and change processes.	Chilean	F	07-01-1979	Psychology	D	Universidad de Chile.	Regular Professor	2

Alex Behn Berliner	L1: Basic bio-psycho-social structures and processes. . Rehabilitation and reintegration. .	Chilean	M	12-08-1979	Psychology	D	Pontificia Universidad Católica de Chile	Assistant Professor	2
Sebastián Medeiros (from June 26, 2020)	L 3: Psychotherapeutic interventions and change processes. L 2: Health promotion and psychosocial prevention.	Chilean	M	28-01-1978	Psychiatry	M	Unidad de Salud Mental – Centro Médico San Joaquín de la Red Salud UC-Christus, Psiquiatría UC	Psychiatrist and Head of mindfulness program	2

### 1.6 Postdoctoral Researchers

Full Name	Research Line	Nationality	Gender	Date of birth	Profession	Academic Degree	Affiliation	Current Position	Relation with Center
Maryam Farhang	L1: Basic bio-psycho-social structures and processes. .	Iranian	F	20-04-1984	Psychology	D	Universidad de Chile	Postdoctoral researcher	2
Catalina Sieverson Raddatz	L 2: Health promotion and psychosocial prevention.	Chilean	F	12-11-1985	Psychology	D	MIDAP/ Pontificia Universidad Católica de Chile	Postdoctoral researcher	2
Ismael Palacios García	L1: Basic bio-psycho-social structures and processes. .	Chilean	M	08-11-1987	Molecular Biotechnology Engineering	D	Pontificia Universidad Católica de Chile	Postdoctoral researcher	2

## Annex 2.- Research Lines

Nº	Research Line	Research Line Objectives	Description of Research Line	Researcher	Research Discipline	Starting Date [dd/mm/yy]	Ending Date [dd/m m/yy]	Status
1	L1: Basic bio-psycho-social structures and processes.	This line of research focuses on the origins and the mechanisms that trigger, develop, and sustain psychological disorders. It includes the assessment of the multiple cultural, social, developmental and psychobiological conditions involved in depression and personality.	It includes the assessment of the multiple cultural, social, developmental and psychobiological conditions involved in depression and personality. Some topics for specific studies of this line are: - Interaction of cultural, social, and family variables in the prevalence of depressive disorders, suicide risk, and subjective experience of illness. - Confluence of cultural aspects and genetic susceptibilities with personality types and depression in the Chilean population. - Conditions of labor and educational contexts for subjective wellbeing and depression. - Trauma and alterations of early attachment as determinants of depression and personality disorders. - Psychobiological correlates of depressive disorders in interaction with personality types and structures.	-J. Carola Pérez -Luis Salazar -Alemka Tomicic -Susana Maldonado - Orietta Echávarri. -Susana Morales -Jaime Silva -Manuel Ortiz -Cristian Montenegro -Diego Cosmelli. -Peter Fonagy -Alvaro Jiménez -Nelson Valdés -Maryam Farhang . -Paul Vohringer -Graciela Rojas	Genetics and evolution. Psychosomatic Medicine (including Psychiatry) Psychobiology Physical anthropology Other specialties of the biology Other Psychologies Other sociologies Psychology of personality	24-12-14		Current

				-Patrick Luyten -Álvaro Vergés -Alex Behn -Alberto Botto -Kathleen Saavedra -Pablo López -María Isabel Gaete -Juan Pablo Jiménez -Ismael Palacios				
2	L 2: Health promotion and psychosocial prevention.	This line of research focuses on evaluating the effectiveness of intervention strategies aimed at changing the early conditions associated with the development of depression and personality disorders and reducing the social exclusion of the psychologically handicapped and fostering the capacities of mental health professionals.	It includes: - Assessment of the effectiveness of media campaigns aimed at transforming social representations and practices associated with the social determinants of disorders and with social exclusion. - Impact of social support programs and early attachment interventions on psychological wellbeing and the prevention of disorders. - Effectiveness of interventions geared towards preventing depressive disorders and suicidality among adolescents attending school. - Design and evaluation of interventions aimed at increasing	-María Pía Santelices -Claudia Miranda Vania Martínez Matías Irrázaval Daniel Espinosa Francisca Pérez Sebastián Medeiros Álvaro Langer Stephanie Bauer Pablo Martínez	Other Psychologies Clinical Psychology Cultural and Social Anthropology Psychosomatic Medicine (including Psychiatry) Other specialties of medicine.	24-12-14		Current

			the problem-solving capacity of mental health teams in primary health care.	Sebastián Medeiros Natalia Salinas Marcia Olhaberry Catalina Sieverson				
3	L 3: Psychotherapeutic interventions and change processes.	This line of research focuses on the analysis of change processes and the effectiveness of psychological interventions	<p>Two of these studies imply multinational process-outcome studies:</p> <ul style="list-style-type: none"> <li>- Impact of the operational psychodynamic diagnosis of personality (OPD) on the suitability, effectiveness, and change process in psychotherapies for depression.</li> <li>- Impact of meditation and mindfulness on depressive symptoms, psychological wellbeing, as well as on psycho-physiological correlates and personality.</li> <li>- Change mechanisms involved in the effectiveness of psychotherapies for depression and personality disorders in different approaches and age groups, such as AIT (Multinational Study), computer-based CBT for adolescents, psychodynamic therapy, gestalt therapy, mindfulness therapy, and group therapy for the elderly.</li> </ul>	-Sebastián Medeiros -Adam Otto Horvath -Diana Rivera -Claudio Martínez -Vania Martínez -Mariane Krause -Alemka Tomicic -Carla Crempien -Paula Dagnino -Susanne Schlueter-Müller -Klaus Schmeck -Peter Fonagy -Patrick Luyten	Clinical Psychology Psychosomatic Medicine (including Psychiatry) Other Psychologies Other specialties of the biology	24-12-14		Current



			<ul style="list-style-type: none"> <li>- Interaction of personality styles and depressive symptoms in shaping the subjective experiences of adolescents, adults, and older adults concerning psychotherapeutic success or failure.</li> <li>- Effectiveness of the application of E-Mental Health devices for decreasing depressive symptoms in adolescents (Multinational Study).</li> <li>- Physiological and neural correlates and effects of psychotherapeutic change processes, considering different personality types and structures, regulation processes and mentalization.</li> </ul>	<ul style="list-style-type: none"> <li>-Olga Fernández</li> <li>-Paula Errázuriz</li> <li>Nelson Valdés</li> <li>Carolina Altimir</li> <li>Claudia Capella</li> <li>Javier Morán</li> <li>Stephanie Bauer</li> <li>Cecilia de la Cerda</li> <li>A. Javiera Duarte</li> <li>Guillermo de la Parra</li> <li>María José León</li> <li>Stefanella Costa</li> <li>Cristóbal Hernández</li> <li>Sebastián Medeiros</li> <li>Nicolle Álamo</li> <li>Marcia Olhaberry</li> </ul>				
4	L4: Mitigation of Chronicity in the Course of Depression (former	This line focuses on patient recovery, relapse prevention, maintenance of gains, successful/unsuccessful	<p>It includes the following research topics:</p> <ul style="list-style-type: none"> <li>- Determination of personality and bio-psychological variables involved in recurrence and</li> </ul>	<ul style="list-style-type: none"> <li>Sergio Gloger</li> <li>Candice Fischer</li> <li>Mariane</li> </ul>	Clinical Psychology	27-11-19		Current

	Rehabilitation and reintegration)	treatment experiences reported by patients, and generally on decreasing the chronicity and recurrence of the depression.	<p>chronicity of depression as well as resistance to treatment.</p> <ul style="list-style-type: none"> <li>- Effectiveness of interventions oriented to psychological and social determinants involved in long term recovery and mitigation of chronicity (does not focus on direct treatment outcome)</li> <li>- Effectiveness of the application of E-Mental Health devices for decreasing the chronicity of recurrent depressive disorders and an effective return to work after treatment. This aspect involves “booster” interventions and treatment-gain maintenance interventions delivered through electronic devices.</li> <li>- Effectiveness of social inclusion strategies for older people who suffer from depressive disorders.</li> </ul>	<p>Krause J. Carola Pérez Paula Errázuriz Graciela Rojas Alex Behn</p>	<p>Other Psychologies  Psychosomatic Medicine (including Psychiatry)</p>			
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**Annex 3.- Publications (Total or partially financed by MSI)** [See the MIDAP's publications in APA format in Appendix II]**3.1.- ISI/WOS Publications or Similar to ISI/WOS Standard****3.1.2.- Associate Researchers**

N°	Title	Qu arti le	Authors	Associate Researcher s associated with publication	Fuente	DOI	Line of Research	N° MIDAP's Associate Research ers	N° MIDAP's other Research ers	N° students	Date
1	Walking the middle ground between hermeneutics and science: A research proposal on psychoanalytic process	Q2	Altimir, C., & Jiménez, J. P.	Juan Pablo Jiménez.	The International Journal of Psychoanalysis	DOI: 10.1080/00207578.2020.1726711	L1: Basic bio-psycho-social structures and processes	1	1	0	02-06-2020
2	Recognizing states of psychological vulnerability to suicidal behavior: a Bayesian network of artificial intelligence applied to a clinical sample	Q2	Barros, J., S Morales, A García, O Echávarri, R Fischman, M Szmulewicz, C Moya, C Núñez & A Tomicic	Alemka Tomicic Suñer.	BMC Psychiatry	<a href="https://doi.org/10.1186/s12888-020-02535-x">https://doi.org/10.1186/s12888-020-02535-x</a>	L1: Basic bio-psycho-social structures and processes	1	6	0	01-01-2020
3	Preschool theory of mind: it's relation with mother's parental	Q2	Cowes, EA & MP Santelices	María Pía Santelices Álvarez.	Early Child Development and Care	<a href="https://doi.org/10.1080/03004430.2020.1763977">https://doi.org/10.1080/03004430.2020.1763977</a>	L 2: Health promotion and psychosoc	1	0	1	21-05-2020

	stress and reflective function						ial preventio n				
4	Subthreshold depression in adolescence: Gender differences in prevalence, clinical features, and associated factors	Q2	Crockett, M., Á Jiménez y V Martínez	Vania Martínez .	Journal of Affective Disorders	DOI: 10.1016/j.jad.2020.03.111	L 2: Health promotion and psychosocial prevention	1	1	1	01-07-2020
5	Stigmatizing Beliefs and Attitudes to Depression in Adolescent School Students in Chile and Colombia	Q2	Martínez V, Crockett MA, Jiménez-Molina Á, Espinosa-Duque HD, Barrientos E and Ordóñez-Carrasco JL	Vania Martínez .	Frontiers in Psychology	10.3389/fpsyg.2020.577177	L1: Basic bio-psycho-social structures and processes	1	2	1	23-10-2020
6	Children's storybooks as a source of mental state references: Comparison between books from Chile, Colombia, Scotland and USA	Q2	Farkas, C., Santelices, M. P., Vallotton, C. D., Brophy-Herb, H. E., Iglesias, M., Sieverson, C., Cuellar, M. & Álvarez, C.	María Pía Santelices Álvarez.	Cognitive Development	<a href="https://doi.org/10.1016/j.cogdev.2019.100845">https://doi.org/10.1016/j.cogdev.2019.100845</a>	L 2: Health promotion and psychosocial prevention	1	1	0	10-12-2019

7	Regulación emocional y depresión en divorciados: ¿Para quiénes es más importante esta relación?	Q3	Garrido-Rojas, L., Guzmán-González, M., Santelices, M. P., & Rivera-Ottenberger, D.	María Pía Santelices Álvarez.	Terapia Psicológica	<a href="https://teps.cl/index.php/teps/article/view/360/344">https://teps.cl/index.php/teps/article/view/360/344</a>	L1: Basic bio-psycho-social structures and processes	1	1	0	01-12-2020
8	The CRIAA Program complex intervention in primary care to support women and their families in breastfeeding: Study protocol for a pilot trial	Q1	Lucchini-Raies, C., Marquez-Doren, F., Beca, P., Perez, J.C., Campos, S., & Lopez-Dicastillo, O.	J. Carola Pérez Ewert.	Journal of Advanced Nursing	Doi: 10.1111/jan.14534	L 2: Health promotion and psychosocial prevention	1	0	0	15-10-2020
9	Home language and literacy environments and early literacy trajectories of low-socioeconomic status Chilean children	Q1	Mendive, S., Mascareño, M., Aldoney, D., Pérez, J.C., & Pezoa, J.	J. Carola Pérez Ewert.	Child Development	<a href="https://doi.org/10.1111/cdev.13382">https://doi.org/10.1111/cdev.13382</a>	L 2: Health promotion and psychosocial prevention	1	0	0	30-11-2020
10	A Qualitative Study of a Mindfulness-Based Intervention in Educational Contexts in Chile:	Q2	Langer, A.I., S. Medeiros, N. Valdés-Sánchez, R. Brito, C.	Mariane Krause Jacob.	International Journal of Environmental Research and Public Health	doi:10.3390/ijerph17186927	L 2: Health promotion and psychosocial	1	3	0	22-09-2020

	An Approach Based on Adolescents' Voices		Steinebach, C. Cid-Parra, A. Magni, and M. Krause				preventio n				
11	Development and validation of a three-item version of the Edinburgh Postnatal Depression Scale	Q2	Martínez, P., I Magaña, P.A. Vöhringer, V. Guajardo, G. Rojas.	María Graciela Rojas Castillo.	Journal of Clinical Psychology	DOI: 10.1002/jclp.23041	L1: Basic bio-psycho-social structures and processes	1	3	0	01-09-2020
12	Do educators matter? Associations between caregivers' mentalization and preschoolers' attachment, social emotional development and theory of mind	Q2	Mata, C., MP Santelices y A Verges	María Pía Santelices Álvarez.	Early Child Development and Care	<a href="https://doi.org/10.1080/03004430.2020.1755664">https://doi.org/10.1080/03004430.2020.1755664</a>	L 2: Health promotion and psychosocial prevention	1	1	1	16-09-2020
13	El maltrato infantil y su rol en el curso clínico de pacientes con trastorno bipolar	Q4	Ríos, U. PR Moya, Ó Urrejola, J Hermosilla, R Gonzalez, P Muñoz, J Moran, P Solervicens, JP Jiménez.	Juan Pablo Jiménez .	Revista Médica de Chile	<a href="http://dx.doi.org/10.4067/s0034-98872020000200204">http://dx.doi.org/10.4067/s0034-98872020000200204</a>	L4: Mitigation of Chronicity in the Course of Depression	1	1	1	01-02-2020

14	Using the Generic Model of Psychotherapy to Develop a Culturally-Sensitive Approach to Psychotherapy with Sexual and Gender Minority Patients	Q2	Tomicic A, Martínez C, & Rodríguez J	Alemka Tomicic Suñer. Claudio Martínez Guzman.	Frontiers in Psychology	<a href="https://doi.org/10.3389/fpsyg.2020.599319">https://doi.org/10.3389/fpsyg.2020.599319</a>	L 3: Psychotherapeutic interventions and change processes	2	1	0	09-12-2020
15	Adolescence and Suicide: Subjective Construction of the Suicidal Process in Young Gay and Lesbian Chileans	Q2	Tomicic, A, C Martínez, C Rosenbaum, F Aguayo, F Leyton, J Rodríguez, C Galvez & I Lagazzi.	Alemka Tomicic Suñer. Claudio Martínez Guzman.	Journal of Homosexuality	<a href="https://doi.org/10.1080/00918369.2020.1804253">https://doi.org/10.1080/00918369.2020.1804253</a>	L1: Basic bio-psycho-social structures and processes	2	3	0	19-08-2020

### 3.2.- SCOPUS Publications or Similar to SCOPUS Standard:

#### 3.2.1 Principal Researchers:

N°	Title	Quartile	Authors	Associate Researchers associated with publication	Fuente	DOI	Line of Research	N° MIDAP's Associate Researchers	N° MIDAP's other Researchers	N° students	Date
16	Sin- E-Stres: an Adjunct Internet-Based Intervention for the Treatment of Patients with Posttraumatic Stress Disorder in Chile	Q4	Carrasco, A.E., Moessner, M., Carbonell, C. G., Rodríguez, C., Martini, N., Pérez, J.C., Garrido, P., Özer, F., Krause, M., & Bauer, S.	J. Carola Pérez Ewert. Mariane Krause Jacob.	Revista CES Psicología	DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.14">http://dx.doi.org/10.21615/cesp.13.3.14</a>	L 3: Psychotherapeutic interventions and change processes	2	2	0	01-11-2020
17	Episodes of meeting in psychotherapy: an empirical exploration of patients' experiences of subjective change during their	Q3	Duarte, J., Martinez, C., & Tomicic A.	Claudio Martínez Guzman. Alemka Tomicic Suñer.	Research in Psychotherapy: Psychopathology, Process and Outcome	doi: 10.4081/ripppo.2020.440	L 3: Psychotherapeutic interventions and change processes..	2	1	0	21-05-2020



	psychotherapy process										
18	El desafío de integrar teoría, investigación y práctica clínica en psicoterapia	Q4	Espinosa-Duque, D., & Krause, M.	Mariane Krause Jacob.	Revista CES Psicología	DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.15n">http://dx.doi.org/10.21615/cesp.13.3.15n</a>	L 3: Psychotherapeutic interventions and change processes	1	1	0	01-11-2020
19	Comprensión del cambio psicoterapéutico en adolescentes: voces de pacientes y terapeutas	Q4	Fernández, O., Fernández, S., & Krause, M.	Mariane Krause Jacob.	Revista CES Psicología	DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.7;">http://dx.doi.org/10.21615/cesp.13.3.7;</a>	L 3: Psychotherapeutic interventions and change processes	1	1	1	01-11-2020
20	Triadic interactions, parental reflective functioning, and early social-emotional difficulties	Q2	León MJ, & Olhaberry M.	Marcia Olhaberry .	Infant Mental Health Journal	<a href="https://doi.org/10.1002/imhj.21844">https://doi.org/10.1002/imhj.21844</a>	L1: Basic bio-psycho-social structures and processes	1	1	0	31-08-2020
21	Intervención grupal para díadas madre-infante privadas de libertad: efectos sobre la depresión materna y el desarrollo infantil	Q4	Olhaberry Huber, M., Escobar Venegas, M., & Maluenda Contreras, C.	Marcia Olhaberry .	Revista CES Psicología	<a href="http://dx.doi.org/10.21615/cesp.13.3.13">http://dx.doi.org/10.21615/cesp.13.3.13</a>	L 3: Psychotherapeutic interventions and change processes	1	0	0	01-11-2020

22	Using Persuasive Systems Design Model to Evaluate "Cuida tu Ánimo": An Internet-Based Pilot Program for Prevention and Early Intervention of Adolescent Depression	Q1	Parada, F., Martínez, V., Espinosa, H.D., Bauer, S., & Moessner, M.	Vania Martínez .	Telemedicine Journal and e-Health	<a href="https://doi.org/10.1089/tmj.2018.0272">https://doi.org/10.1089/tmj.2018.0272</a>	L 2: Health promotion and psychosocial prevention	1	2	1	05-02-2020
23	Observando la mentalización en psicoterapias con adolescentes: Diseño de un sistema de observación de la interacción terapéutica.	Q4	Morán, J., Martínez, C., Díaz, M.F., González, S., Arce, K., & Duarte, J.	Claudio Martínez Guzman.	Revista CES Psicología	<a href="http://dx.doi.org/10.21615/cesp.13.3.4">http://dx.doi.org/10.21615/cesp.13.3.4</a>	L 3: Psychotherapeutic interventions and change processes	1	2	0	01-11-2020
24	Del malestar a la depresión: dinámicas en la construcción del significado personal de la experiencia de la depresión	Q4	Vásquez, D., Altimir, C. Ocampo Lopera, D.M. Reinel Pineda, M., Espinosa, H-D., Mesa, C., Montenegro, C.R., Fernández González, O.M. & Krause, M.	Mariane Krause Jacob.	Revista CES Psicología	<a href="http://dx.doi.org/10.21615/cesp.13.3.9">http://dx.doi.org/10.21615/cesp.13.3.9</a>	L1: Basic bio-psychosocial structures and processes	1	4	2	01-11-2020

### 3.3.- SCIELO Publications or Similar to SCIELO Standard

3.3.1 **Principal Researchers:** No publications

### 3.4.- Scientific Books and Chapters

3.4.1 **Principals Researchers:** No publications

### 3.5.- Other Publications

3.5.1 **Principals Researchers:**

N°	Title	Quartile	Authors	Associate Researchers associated with publication	Journal or media	DOI	Line of Research	N° MIDAP's Associate Researchers	N° MIDAP's other Researchers	N° students	Date
25	La Psicoterapia: ¿Oficio sin Ciencia y Ciencia sin Oficio? Reprint. Ensayo publicado originalmente en: KRAUSE, MARIANE (2011). La Psicoterapia: ¿Oficio sin Ciencia y Ciencia sin Oficio? Revista Colombiana de Psicología, 20(1),89-98	Q5	Krause, M.	Mariane Krause Jacob.	Figura Fondo	n.a.	L 3: Psychotherapeutic interventions and change processes	1	0	0	01-10-2020

26	Uso de telepsiquiatría para apoyar la atención primaria de salud mental en el tratamiento de niños, niñas y adolescentes con vulneración de derechos: resultados preliminares	Q5	Irarrázaval, M., Adrian Mundt, Pablo Martínez D., Olga Fernández G., Graciela Rojas C.	María Graciela Rojas Castillo.	Revista del Hospital Clínico de la Universidad de Chile	<a href="https://pesquisa.bvsalud.org/portal/resource/pt/biblio-1050986">https://pesquisa.bvsalud.org/portal/resource/pt/biblio-1050986</a>	L 2: Health promotion and psychosocial prevention	1	3	0	01-11-2019
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### 3.6.- “ISI/WOS Publications or Similar to ISI/WOS Standard”, “SCOPUS Publications or Similar to SCOPUS Standard” “SCIELO Publications or Similar to SCIELO Standard”, “Books and chapters in books” y “Other Publications [Other Researchers]”:

#### 3.6.1 Other researchers:

N°	Indexing	Title	Quartile	Authors	Journal or media	DOI	Line of Research	N° MIDAP's other Researchers	N° students	Date
27	ISI/WOS or Similar to ISI/WOS standard	Validación de la versión en español del Childhood Trauma Questionnaire-Short Form en Chile, en una muestra de	Q4	Behn, A; PA Vöhringer; P Martínez; AP Domínguez; A González; MI Carrasco; S Gloger	Revista Médica de Chile	<a href="http://dx.doi.org/10.4067/S0034-98872020000300336">http://dx.doi.org/10.4067/S0034-98872020000300336</a>	L1: Basic bio-psychosocial structures and processes	4	0	01-03-2020

		pacientes con depresión clínica								
28	ISI/WOS or Similar to ISI/WOS standard	Differential neurophysiological correlates of retrieval of consolidated and reconsolidated memories in humans: an ERP and pupillometry study	Q3	Campos-Arteaga, G., Forcato, C., Wainstein, G., Lagos, R., Palacios-García, I., Artigas, C., ... & Rodríguez, E.	Neurobiology of Learning and Memory	doi: 10.1016/j.nlm.2020.107279	L1: Basic bio-psycho-social structures and processes	2	1	23-07-2020
29	ISI/WOS or Similar to ISI/WOS standard	Mental Health in Immigrant Children and Adolescents in Northern Chile	Q3	Caqueo-Urizar, A., Atencio, D., Flores, J., Narea, M., Urzúa, A., & Irrázaval, M.	Journal of Immigrant and Minority Health	<a href="https://doi.org/10.1007/s10903-020-01113-3">https://doi.org/10.1007/s10903-020-01113-3</a>	L1: Basic bio-psycho-social structures and processes	1	0	24-10-2020
30	ISI/WOS or Similar to ISI/WOS standard	Psychiatric disorders in children and adolescents in a middle-income Latin American country	Q2	Caqueo-Urizar, A., Flores, J., Escobar, C., Urzúa, A., & Irrázaval, M.	BMC Psychiatry	<a href="https://doi.org/10.1186/s12888-020-02512-4">https://doi.org/10.1186/s12888-020-02512-4</a>	L 2: Health promotion and psychosocial prevention	1	0	05-03-2020
31	ISI/WOS or Similar to	Problemas de regulación emocional y salud mental en	Q4	Caqueo-Urizar, A., Mena-Chamorro, P., Flores, J.,	Terapia Psicológica	<a href="https://doi.org/10.4067/S0718-48082020000200203">https://doi.org/10.4067/S0718-48082020000200203</a>	L1: Basic bio-psycho-social structures and processes	1	0	19-07-2020

	ISI/WOS standard	adolescentes del norte de Chile		Narea, M., & Irrarrázaval, M.						
32	ISI/WOS or Similar to ISI/WOS standard	Mentalizing in Mothers and Children with Type 1 Diabetes		Costa-Cordella, S., Luyten, P., Mena, F., Cohen, D and Fonagy, P.	Development and Psychopathology	doi:10.1017/S0954579419001706	L 3: Psychotherapeutic interventions and change processes	3	0	14-01-2020
33	ISI/WOS or Similar to ISI/WOS standard	COVID-19 y comportamiento psicológico: revisión sistemática de los efectos psicológicos de las pandemias del siglo XXI	Q4	Cuadra-Martínez, D., P.J. Castro-Carrasco, J. Sandoval-Díaz, D. Pérez Zapata, D. Mora Dabancens	Rev Med Chile	n.a.	L1: Basic bio-psycho-social structures and processes	1	0	01-10-2020
34	ISI/WOS or Similar to ISI/WOS standard	Risk Factors for Adult Depression: Adverse Childhood Experiences and Personality Functioning	Q2	Dagnino P, Ugarte MJ, Morales F, González S, Saralegui D and Ehrental JC	Frontiers in Psychology	doi: 10.3389/fpsyg.2020.594698	L1: Basic bio-psycho-social structures and processes	1	0	09-12-2020
35	ISI/WOS or Similar to ISI/WOS standard	The reciprocal relationship between alliance and early treatment symptoms: A	Q1	Flückiger, C., Rubel, J., Del Re, A. C., Horvath, A. O., Wampold, B.	Journal of Consulting and Clinical Psychology	<a href="https://doi.org/10.1037/ccp0000594">https://doi.org/10.1037/ccp0000594</a>	L 3: Psychotherapeutic interventions and change processes	1	0	01-08-2020

		two-stage individual participant data meta-analysis		E., Crits-Christoph, P., Atzil-Slonim, D., Compare, A., Falkenström, F., Ekeblad, A., Errázuriz, P., Fisher, H., Hoffart, A., Huppert, J. D., Kivity, Y., Kumar, M., Lutz, W., Muran, J. C., Strunk, D. R., . . . Barber, J. P.						
36	ISI/WOS or Similar to ISI/WOS standard	The incidence of non-affective psychotic disorders in Chile between 2005 and 2018: results from a national register of over 30000 cases	Q1	González-Valderrama A, Jongsma HE, Mena C, Castañeda CP, Nachar R, Undurraga J, Crossley N, Aceituno D, Iruretagoyena B, Gallardo C, Mondaca P, Monje M, Irarrazaval M, Zavala C, Valmaggia L, Kirkbride JB.	Psychological Medicine	doi: 10.1017/S0033291720002664	L1: Basic bio-psycho-social structures and processes	1	0	06-08-2020

37	ISI/WOS or Similar to ISI/WOS standard	Debate: Mental health, social crisis and the COVID-19 pandemic in Chile	Q2	Fischman, P., & Irarrazaval, M.	Child and Adolescent Mental Health	doi: 10.1111/camh.12424	L1: Basic bio-psycho-social structures and processes	1	0	15-10-2020
38	ISI/WOS or Similar to ISI/WOS standard	Examining the effect of a mindfulness-based program for the improvement of cognitive function in an early stage of schizophrenia. A random controlled trial	Q2	Langer, AI, C. Schmidt, R Vergara, R Mayol-Troncoso, J Lecaros, E Krogh, C Vergara, M Díaz, G Rivera, R Aguirre-Baez, PA Gaspar.	Schizophrenia Research	<a href="https://doi.org/10.1016/j.schres.2020.07.012">https://doi.org/10.1016/j.schres.2020.07.012</a>	L 3: Psychotherapeutic interventions and change processes	1	0	01-09-2020
39	ISI/WOS or Similar to ISI/WOS standard	Health outcomes of unpaid caregivers in low- and middle-income countries: a systematic review and meta-analysis	Q1	Magaña I, Martínez P, Loyola MS.	Journal of Clinical Nursing	doi:10.1111/jocn.15450	L1: Basic bio-psycho-social structures and processes	1	0	01-11-2020
40	ISI/WOS or Similar to ISI/WOS standard	Thinking beyond implementation: context and culture in global mental health	Q1	Montenegro, C., Ortega, F.	BMJ Global Health	doi:10.1136/bmjgh-2020-004539	L4: Mitigation of Chronicity in the Course of Depression	1	0	30-12-2020



41	ISI/WOS or Similar to ISI/WOS standard	Service encounters across the lifespan in individuals with autism spectrum disorders: Results from a multisite study in Latin America	Q3	Montiel-Nava, C., Cukier, S., Garrido, G., Valdez, D., Paula, C. S., García, R., Rosoli, A., Irarrazaval, M. & Rattazzi, A.	Research in Autism Spectrum Disorders	<a href="https://doi.org/10.1016/j.rasd.2020.101670">https://doi.org/10.1016/j.rasd.2020.101670</a>	L4: Mitigation of Chronicity in the Course of Depression.	1	0	01-11-2020
42	ISI/WOS or Similar to ISI/WOS standard	Maternal and non-maternal care in infancy and later child cognitive, language and motor development in Chile: Does type of care matter?	Q2	Narea, M., Toppelberg, C. O., Irarrazaval, M., & Xu, J.	Early Childhood Research Quarterly	<a href="https://doi.org/10.1016/j.ecresq.2019.10.010">https://doi.org/10.1016/j.ecresq.2019.10.010</a>	L 2: Health promotion and psychosocial prevention	1	0	01-04-2020
43	ISI/WOS or Similar to ISI/WOS standard	Association between eating habits and quality of life among Chilean university students	Q2	Lanuza, F., Morales, G., Hidalgo-Rasmussen, Balboa-Castillo, T., Ortiz, M.S., Belmar, C & Muñoz, S.	Journal of American College Health	DOI:10.1080/07448481.2020.1741593	L1: Basic bio-psycho-social structures and processes	1	0	01-04-2020
44	ISI/WOS or Similar to	Comparación social y su impacto en enfermedades	Q4	Neira, S., & Ortiz, M.S.	Terapia Psicológica	<a href="http://dx.doi.org/10.4067/S0718-48082020000200243">http://dx.doi.org/10.4067/S0718-48082020000200243</a>	L1: Basic bio-psycho-social structures and	1	1	01-08-2020

	ISI/WOS standard	crónicas: Una revisión sistemática					processes			
45	ISI/WOS or Similar to ISI/WOS standard	Measuring the brain-gut axis in Psychological Sciences: a necessary challenge	Q3	Palacios-Garcia I, Parada F.	Frontiers in Integrative Neuroscience	<a href="https://doi.org/10.3389/fnint.2019.00073">https://doi.org/10.3389/fnint.2019.00073</a>	L1: Basic bio-psycho-social structures and processes	1	0	09-01-2020
46	ISI/WOS or Similar to ISI/WOS standard	Development and validation of a scale for measuring cultural beliefs about psychotherapy patients in southern Chile	Q3	Salinas-Oñate, N., Baeza-Rivera, M., Ortiz, M. & Betancourt, H.	Psicología: Reflexao e Critica	doi: 10.1186/s41155-020-0140-5	L 3: Psychotherapeutic interventions and change processes	2	0	01-12-2020
47	ISI/WOS or Similar to ISI/WOS standard	Weight stigma, chronic stress, unhealthy diet, and obesity in Chilean adults	Q2	Gómez-Pérez, D., Cancino, M., Moreno, P., & Ortiz, M.S.	International Journal of Behavioral Medicine	<a href="https://doi.org/10.1007/s12529-020-09917-1">https://doi.org/10.1007/s12529-020-09917-1</a>	L1: Basic bio-psycho-social structures and processes	1	0	06-07-2020
48	ISI/WOS or Similar to ISI/WOS standard	Evaluación de funcionamiento cognitivo en adultos: Análisis y contratación de tres de los instrumentos de mayor	Q4	Cancino, M., Rehbein, L., Gómez-Pérez, D., & Ortiz, M.S.	Revista Médica de Chile	<a href="http://dx.doi.org/10.4067/s0034-98872020000400452">http://dx.doi.org/10.4067/s0034-98872020000400452</a>	L1: Basic bio-psycho-social structures and processes	1	0	01-04-2020

		divulgación en Chile								
49	ISI/WOS or Similar to ISI/WOS standard	Evaluación de la adultez emergente en Chile: validación del IDEA - extendido en universitarios chilenos	Q4	Barrera-Herrera, A., Vinet, E., & Ortiz, M.S.	Terapia Psicológica	<a href="http://dx.doi.org/10.4067/S0718-48082020000100047">http://dx.doi.org/10.4067/S0718-48082020000100047</a>	L1: Basic bio-psycho-social structures and processes	1	0	01-04-2020
50	ISI/WOS or Similar to ISI/WOS standard	Challenges, priorities, barriers to care, and stigma in families of people with autism: Similarities and differences among six Latin American countries	Q1	Paula CS, Cukier S, Cunha GR, Irrázaval M, Montiel-Nava C, Garcia R, Rosoli A, Valdez D, Bordini D, Shih A, Garrido G, Rattazzi A.	Autism	doi: 10.1177/1362361320940073	L4: Mitigation of Chronicity in the Course of Depression	1	0	01-11-2020
51	ISI/WOS or Similar to ISI/WOS standard	Psicoterapia de Pareja ante el descubrimiento del involucramiento del varón en actividades sexuales por Internet	Q4	Rivera-Ottenberger, D., & Hernández, C.	Terapia Psicológica	<a href="http://dx.doi.org/10.4067/S0718-48082020000100017">http://dx.doi.org/10.4067/S0718-48082020000100017</a>	L 3: Psychotherapeutic interventions and change processes	2	0	01-04-2020

52	ISI/WOS or Similar to ISI/WOS standard	Psychiatric beds and prison populations in 17 Latin American countries between 1991 and 2017: rates, trends and an inverse relationship between the two indicators	Q1	Siebenförcher M, Fritz FD, Irarrázaval M, Benavides Salcedo A, Dedik C, Fresán Orellana A, Herrera Ramos A, Martínez-López JN, Molina C, Rivas Gomez FA, Rivera G, Sandia Saldivia I, Torales J, Trujillo Orrego N, Heinz A, Mundt AP.	Psychological Medicine	doi: 10.1017/S003329172000269X	L4: Mitigation of Chronicity in the Course of Depression	1	0	10-08-2020
53	ISI/WOS or Similar to ISI/WOS standard	Adaptation and psychometric characteristics of a scale to evaluate ageist stereotypes	Q1	Rosell, J., Vergés, A., Torres Irribarra, D., Flores, K., & Gómez, M. .	Archives of Gerontology and Geriatrics	<a href="https://doi.org/10.1016/j.archger.2020.104179">https://doi.org/10.1016/j.archger.2020.104179</a>	L1: Basic bio-psycho-social structures and processes	1	1	01-09-2020
54	ISI/WOS or Similar to ISI/WOS standard	The Relationship Between Social Participation and Internet Addiction in Older Persons	Q2	Rosell J., Vergés A.	In: Gao Q., Zhou J. (eds) Human Aspects of IT for the Aged Population.	<a href="https://doi.org/10.1007/978-3-030-50232-4_21">https://doi.org/10.1007/978-3-030-50232-4_21</a>	L 2: Health promotion and psychosocial prevention	1	1	21-07-2020

					Technology and Society. HCII 2020 Lecture Notes in Computer Science, Springer, Cham					
55	Scopus	Facial-affective communication and verbal relational offers during ruptures and resolution strategies: A systematic single case study	Q4	Altimir, C., & Valdés-Sánchez, N.	Revista CES Psicología	DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.11">http://dx.doi.org/10.21615/cesp.13.3.11</a>	L 3: Psychotherapeutic interventions and change processes	2	0	01-11-2020
56	Scopus	Validación de la Escala de Reacciones ante Experiencias de Trato Desigual en Salud	Q4	Baeza-Rivera, M. J., Salinas-Oñate, N., Escandón-Nagel, N., & Mardones, E. C.	Revista Ciencias de la Salud	doi: <a href="https://doi.org/10.12804/revistas.urosario.edu.co/revsalud/a.9798">10.12804/revistas.urosario.edu.co/revsalud/a.9798</a>	L1: Basic bio-psycho-social structures and processes	1	0	01-01-2020
57	Scopus	Cross-cultural adaptation of the Module for Assessment of Domestic Violence, adapted from Axis I of the Operationalized	Q2	Both, LM; Favaretto, TC; Freitas, LHM & Crempien, C.	Trends in Psychiatry and Psychotherapy	<a href="http://dx.doi.org/10.1590/2237-6089-2018-0075">http://dx.doi.org/10.1590/2237-6089-2018-0075</a>	L 3: Psychotherapeutic interventions and change processes	1	0	01-11-2019

		Psychodynamic Diagnosis (OPD-2), with a sample of Brazilian women, victims of domestic violence								
58	Scopus	Adherencia o deserción de adolescentes en psicoterapia por agresiones sexuales: la perspectiva de sus terapeutas	Q4	Capella, C., Núñez, L., Vásquez, V., & Fuentes, S.	Revista CES Psicología	DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.8">http://dx.doi.org/10.21615/cesp.13.3.8</a>	L 3: Psychotherapeutic interventions and change processes	1	1	01-11-2020
59	Scopus	Effects of mindfulness-based stress reduction on psychological distress in health workers: A three-arm parallel randomized controlled trial	Q1	Errazuriz, Antonia, K. Schmidt, EA. Undurraga, S Medeiros, R Baudrand, D Cussen, M Henriquez, P Celhay, y RA. Figueroa	Journal of Psychiatric Research	<a href="https://doi.org/10.1016/j.jpsychires.2020.11.011">https://doi.org/10.1016/j.jpsychires.2020.11.011</a>	L 2: Health promotion and psychosocial prevention	2	0	06-11-2020
60	Scopus	Psychological Effects of Social Isolation Due to Quarantine in Chile: An Exploratory Study	Q1	Dagnino P, Anguita V, Escobar K and Cifuentes S.	Frontiers in Psychiatry	doi: 10.3389/fpsy.2020.591142	L1: Basic bio-psycho-social structures and processes	1	0	17-11-2020

61	Scopus	La identidad transgénero en la adolescencia chilena: Experiencia Subjetiva de su Proceso	Q3	Espinoza, M., Fernández, O., Riquelme, N. & Irrázaval, M.	Psykhe	<a href="https://doi.org/10.7764/psykhe.28.2.1425">https://doi.org/10.7764/psykhe.28.2.1425</a>	L1: Basic bio-psycho-social structures and processes	2	0	01-11-2019
62	Scopus	Measuring adult romantic attachment: psychometric properties of the brief Spanish version of the experiences in close Relationships	Q3	Guzmán-González, M, D Rivera-Ottenberger, A Brassard, R Spencer and M-F Lafontaine	Psicologia: Reflexão e Crítica	<a href="https://doi.org/10.186/s41155-020-00145-w">https://doi.org/10.186/s41155-020-00145-w</a>	L1: Basic bio-psycho-social structures and processes	1	0	05-06-2020
63	Scopus	Communities, health-care organizations and the contingencies and contradictions of engagement: A case study from Chile	Q1	Montenegro, C. R., & Mercado, N.	Health Expectations	<a href="https://doi.org/10.1111/hex.12996">https://doi.org/10.1111/hex.12996</a>	L4: Mitigation of Chronicity in the Course of Depression	1	0	03-02-2020
64	Scopus	Teaching global health from the south: Challenges and proposals	Q1	Montenegro, C. R., Bernales, M., & Gonzalez-Aguero, M.	Critical Public Health	<a href="https://doi.org/10.1080/09581596.2020.1730570">https://doi.org/10.1080/09581596.2020.1730570</a>	L4: Mitigation of Chronicity in the Course of Depression	1	0	02-03-2020

65	Scopus	Terminación de la psicoterapia desde la perspectiva de los pacientes	Q4	Espinosa-Duque, D., Ibarra, D.A., Ocampo Lopera, D.M. Montoya, L., Hoyos-Pérez, A., Medina, L.F., Tamayo, S., & Zapata Restrepo, J.	Revista CES Psicología	DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.12">http://dx.doi.org/10.21615/cesp.13.3.12</a>	L4: Mitigation of Chronicity in the Course of Depression	1	0	01-11-2020
66	Scopus	¿De quién son estos pensamientos? Examinando el enfoque top-down de las atribuciones de agencia mental	Q4	López-Silva, P	Tópicos (México)	<a href="https://doi.org/10.21555/top.v0i58.1088">https://doi.org/10.21555/top.v0i58.1088</a>	L1: Basic bio-psycho-social structures and processes	1	0	30-05-2020
67	Scopus	Sujeto y Acción Situada: Mapeando el Concepto de Affordance	Q4	López-Silva, P	Avances en Psicología Latinoamericana	<a href="https://doi.org/10.12804/revistas.urosario.edu.co/apl/a.7475">https://doi.org/10.12804/revistas.urosario.edu.co/apl/a.7475</a>	L1: Basic bio-psycho-social structures and processes	1	0	21-07-2020
68	Scopus	Voces que no lo son: Los problemas del concepto de pseudoalucinación	Q4	López-Silva, P. & Cavieres, A.	Revista Chilena de Neuro-Psiquiatría	<a href="http://dx.doi.org/10.4067/S0717-92272020000100029">http://dx.doi.org/10.4067/S0717-92272020000100029</a>	L1: Basic bio-psycho-social structures and processes	1	0	01-03-2020



69	Scopus	Activación de Recursos en Psicoterapia. ¿Cómo se ha estudiado y qué sabemos?: Una revisión sistemática	Q4	Salvo Rivera, J.D.	Revista CES Psicología	<a href="http://dx.doi.org/10.21615/cesp.13.3.3">http://dx.doi.org/10.21615/cesp.13.3.3</a>	L 3: Psychotherapeutic interventions and change processes	0	1	01-11-2020
70	Other Publications	The impact of COVID-19 on mental, neurological and substance use services: results of a rapid assessment	Q5	Irarrázaval, M. (Chilean responding focal point of WHO)	Geneva: World Health Organization; 2020. Licence: CC BY-NC-SA 3.0 IGO	<a href="https://www.who.int/publications/i/item/978924012455">https://www.who.int/publications/i/item/978924012455</a>	L4: Mitigation of Chronicity in the Course of Depression	1	0	01-06-2020

**3.5.- Collaborative publications:**

Category of Publication	1 researcher		2 researchers		3 researchers		4 or more	
	N°	%	N°	%	N°	%	N°	%
<b>ISI/WOS Publications or Similar to ISI/WOS Standard</b>	26	37,14%	9	12,86%	3	4,29%	5	7,14%
<b>SCOPUS Publications or Similar to SCOPUS Standard</b>	12	17,14%	6	8,57%	3	4,29%	2	2,86%
<b>SCIELO Publications or Similar to SCIELO Standard</b>	0	0,00%	0	0,00%	0	0,00%	0	0,00%
<b>Books and chapters</b>	0	0,00%	0	0,00%	0	0,00%	0	0,00%
<b>Other Publications</b>	2	2,86%	0	0,00%	0	0,00%	1	1,43%
<b>Total of publications</b>	40	57,14%	15	21,43%	6	8,57%	8	11,43%

**Annex 4.- Organization of Scientific Events**

Scope	Title	Type of Event	City	Country	Responsible Researcher
International	Summer School «Social Relationships and Health: catching up with research and practice	Workshop	Santiago	Chile	Diana Rivera Ottenberg
International	International Seminar “Online interventions for the Treatment of Mental Health Problems” (results of the FONIS project “Efectividad de una Intervención vía Internet para el tratamiento de la depresión: hacia el mejoramiento de la gestión de la depresión” - Effectiveness of an Internet Intervention for the Treatment of Depression: Towards Improving Depression Management)	Seminar	Santiago	Chile	J. Carola Pérez Ewert

**Annex 5.- Education and capacity building****5.1 Capacity Building inside MSI Centers**

Tutor	Undergraduated Student		Graduated Students				Total
			Master		Doctoral		
	F	M	F	M	F	M	
Alemka Tomicic Suñer	1	0	0	0	0	1	2
Alemka Tomicic Suñer Claudio Martínez Guzman	3	1	0	1	0	0	5
Alex Behn Berliner	0	0	3	1	3	1	8
Álvaro Vergés Gómez	0	0	0	0	1	0	1
Claudia Capella	1	1	1	0	1	0	4
Claudia Miranda Castillo	0	0	2	0	0	0	2
Claudio Martínez Guzman	1	0	0	0	0	0	1
Diana Rivera Ottenberg	0	0	0	0	2	0	2
Eugenio Fernando Rodríguez Balboa	0	0	0	0	0	2	2
Guillermo de la Parra Cieciva	0	0	1	0	1	0	2
Henry Daniel Espinosa Duque	0	0	0	1	0	0	1
J. Carola Pérez Ewert	0	0	0	0	2	0	2
Jaime Silva	0	0	0	0	1	1	2
Juan Pablo Jiménez de la Jara	0	0	0	0	1	3	4
Manuel Ortiz Parada	0	0	0	0	1	2	3
Marcia Olhaberry	0	0	5	0	3	0	8
María Graciela Rojas Castillo	0	0	0	0	1	1	2
María Pía Santelices Álvarez	0	0	4	0	7	0	11
Mariane Krause Jacob	0	0	1	0	3	2	6
Paula Errázuriz Arellano	0	0	0	0	1	1	2
Susana Morales Silva	0	0	0	0	1	0	1

Vania Martínez	0	0	2	0	1	2	5
<b>Total</b>	<b>6</b>	<b>2</b>	<b>19</b>	<b>3</b>	<b>30</b>	<b>16</b>	<b>76</b>

### **Annex 5.2. - Short-term Traineeships of MSI students**

#### **Abroad Internships of young researchers from the center**

<b>Student Name</b>	<b>Institution</b>	<b>Country</b>	<b>Advisor</b>	<b>Project Description</b>	<b>Starting Date</b>	<b>Ending Date</b>
Cecil Mata López	Heidelberg University	Germany	Sabina Pauen	Work on her thesis project of the Doctoral program in Psychotherapy (Universidad de Chile and Pontificia Universidad Católica de Chile), with Dr. Sabina Pauen, co-supervisor of her thesis.	01-08-2019	31-01-2020

#### **Internships of foreign or young researchers at the center)**

<b>Intern Type</b>	<b>Intern Name</b>	<b>Academic Degree</b>	<b>Home Institution</b>	<b>Destination Institution</b>	<b>Country</b>	<b>Project Description</b>	<b>Starting Date</b>	<b>Ending Date</b>
Student	Helena Cirne	Undergraduate	Columbia University	MIDAP	USA	She is a student of biotechnology and biomedical engineering, who worked with Dr. Alex Behn on a study on mental health and COVID-19. In particular, she worked on the preparation of an article on how confinement during the pandemic has affected people in their roles as a parent.	01-07-2020	31-08-2020
Student	Victoria Comunale	Undergraduate	Columbia University	MIDAP	USA	Victoria Comunale is following a major in neuroscience and a concentration in Hispanic studies, who worked with Dr. Alex Behn on a study on mental health and COVID-19. In particular, she worked on the preparation of an article on how confinement during the pandemic has affected people in their roles as a parent.	01-07-2020	31-08-2020

Student	Edmund Kim	Undergraduate	Columbia University	MIDAP	USA	Edmund Kim is a student of neuroscience and behavior, who worked with Dr. Alex Behn on a study on mental health and COVID-19. In particular, he worked on the preparation of an article on how confinement during the pandemic has affected people in their roles as a parent.	01-07-2020	31-08-2020
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## **Annex 6.- Networking and other collaborative work**

### **6.1 Formal Collaboration networks**

Network Name	Network Scope	Researchers				Institutions
		From the Center		External		
		Researchers	Postdocs / Students	Researchers	Postdocs / Students	
E-Mental Health: New Information Technologies in Mental Health	International	6	3	2	2	MIDAP; Heidelberg University, Germany; Universidad de Antioquia, Colombia; Universidad CES, Colombia; Instituto Nacional de Psiquiatría Ramón De la Fuente Muñiz, Mexico; Psicomédica Clínica and Research Group, Chile; Asociación Chilena de Seguridad
International network for the study of the heterogeneity of depression	International	6	1	5	2	MIDAP, Global Mental Health Lab, Columbia University, University of Sheffield
International network for psychotherapy and mental health research in contexts of sexual and gender diversity	International	2	0	3	0	Center of Studies in Clinical Psychology and Psychotherapy (CEPPS-UDP); MIDAP; the Centre for Research PINK CONSULTORES SAS, Colombia, and Centre for Research “Prejudice, Vulnerability and Psychosocial Processes”, Brazil.
Network for the study of emotion regulation within the family context	International	1	2	4	0	Universidad del Desarrollo, University of Melbourne / Mindful Centre for Training and Research in Developmental Health, University of California Davis / Healthy Emotions, Relationships and Development (HERD) lab, Foundation for Depression and Personality Research
“Active Ingredients of Change in Transference-Focused Psychotherapy: Towards the Identification of Candidate Interventions for Short-Term, Modular Interventions for Patients with Complex, Treatment-Resistant Depression”	International	1	1	4	0	Pontificia Universidad Católica de Chile, MIDAP, Personality Disorders Institute at Cornell University

Randomized Study: “Adolescent Identity Treatment (AIT): A New Integrative Approach to Personality Pathologies”	International	3	2	3	2	MIDAP; Child and Adolescent Psychiatric Hospital, Basel, Switzerland; Heidelberg University, Germany; Instituto Médico Schilkrut, Chile
“Mindfulness-related interventions in schools: current perspectives for intercultural research and practice”	International	4	0	7	0	School of Applied Psychology, University of Applied Sciences, Zürich, Switzerland; Università Roma Tre, Italy; Faculty of Psychology, University of Social Sciences and Humanities, Vietnam National University, Ho Chi Minh City, Vietnam; University of Applied Sciences of Northwestern Switzerland, School of Business, Windisch, Switzerland; Universidad de Almería, Spain; Department of Psychology, University of Moscow, Russia; and Millennium Institute for Depression and Personality Research (MIDAP), Chile.
"Affective disorders and personality: Disease Mechanisms and Mechanisms of Change in Psychological Interventions"	International	16	13	1	0	MIDAP; Heidelberg University, Germany
Therapeutic Alliance and Outcome in Psychotherapy	International	2	0	2	0	University of Massachusetts at Amherst, USA; Psychotherapy Research Laboratory at the University of Haifa, Israel; and MIDAP
Latin American Network for Psychotherapy Process Research	Latin American	9	0	4	0	Equipo de Investigación en Psicología Clínica, Universidad de Belgrano, Argentina; Laboratorio de Estudios en Psicoterapia y Psicopatología, Universidad UNISINOS, Brasil; Grupo de Investigación Psicología, Salud y Sociedad, Universidad CES, Colombia; Centro de Intervenciones Psicoanalíticas Focalizadas, Uruguay; Pontificia Universidad Católica del Perú, Unidad Mentes Saludables de la Universidad San Francisco de Quito, Ecuador; Universidad Santa María La Antigua, Panamá; MIDAP, Chile.
Study on early development contexts, aspects of personality, and mentalization in depression	International	6	3	4	0	MIDAP; Research Group on Stress and Depression, Université Catholique de Louvain, Belgium; University College London, England; “Parent Infant Consultation” and



						“Operationalized Psychodynamic Diagnosis (OPD) Task Force”, Heidelberg University Hospital, Germany
Using Technology to Facilitate International Research on Diagnosis and Treatment of Borderline Personality Disorder in Adolescence including Low and Middle Income Countries A Strategy Based on Direct Clinical Benefit	International	3	4	5	2	MIDAP; Red Salud-UC Christus, Chile; Child and Adolescent Psychiatric Hospital, University of Basel; Center for Scientific Computing, University of Basel; Child and Adolescent Mental Health Center, Kosovo; University Clinical Center of Kosovo and Department of Psychology, University of Prishtina. Dar es Salaam, Muhimbili National Hospital, Tanzania; Orygen Youth Health, Melbourne; University of Houston.

### **Annex 6.2: Other collaborative activities**

Activity Name	Objective	Description	Co-Participating Institutions	Number of Researchers from the Center	Number of Postdocs/Students from the Center	Number of External Researchers	Number of External Postdocs/Students	Products	Name of the Center Associate Researchers Participating in the activity
Longitudinal Studies: ELSOC	The aim of this activity is to incorporate a Mental Health Module into the ELSOC longitudinal survey.	MIDAP has commissioned the Center for Conflict and Social Cohesion Studies (COES) to include a mental health module on depression and subjective well-being in the Longitudinal Social Study of Chile (ELSOC).	Center for the Study of Social Conflict and Cohesion (COES)	4	1	5		1. Advanced manuscript on the persistence of depression and predictors of persistence in depression.	Alex Behn Graciela Rojas Mariane Krause Juan Pablo Jiménez.
Longitudinal Studies: Longitudinal Early Childhood Survey (ELPI)	To monitor the longitudinal trajectory of mental health markers in a cohort of children	MIDAP established a partnership with the Longitudinal Early Childhood Survey (ELPI)	Ministry of Social Development and Family	1	0			1. Surveys	María Pía Santelices

	followed by the ELPI Survey.								
Vice-presidency of the Latin American chapter of the International Society for the Study of Personality Disorders (ISSPD)	To collaborate in a prominent scientific federation on the topic of personality disorders	The ISSPD is a global federation that brings together scientists who study the topic of personality disorders and personality dysfunction.	International Society for the Study of Personality Disorders (ISSPD)	1	0			2. 1. During 2020, we planned the 2021 ISSPD conference, to be held virtually in Oslo. 2. We worked on a manuscript on the history of the ISSPD, including the role of the Latin American chapter and the research conducted by MIDAP in the region.	Alex Behn
Collaboration with MIDE UC	To collaborate in several initiatives aimed at developing measurement strategies capable of informing reliable and useful diagnoses for the design of protection	With respect to MIDAP's findings in the mental health field —given the Institute's aim to inform public policy on common mental health disorders, including depression—, it is greatly important to ensure that said policies are based on trustworthy data and the actual state of the population in order to determine which preventive interventions	MIDE UC Measurement Center	3	0	3	0	1. Seminar	Alex Behn Matías Irarrázaval

	systems associated with public policies.	can succeed in reducing the impact of depression. To do so, it is necessary to conduct good routine measurements, and it is precisely this goal that we intend to meet by collaborating with MIDE UC, which specializes in a variety of psychosocial phenomena. We expect to organize seminars, courses, and joint research projects, apart from adding a mental health module to the Foco Ciudadano [Citizen Focus] survey, conducted annually by MIDE UC.							
Longitudinal Studies: ELRI	Incorporation of a mental health module into the ELRI	MIDAP has commissioned the Center for Intercultural and Indigenous Studies (CIIR) to include a mental health module in the Longitudinal Intercultural Relations SURVEY (ELRI).	Center for Intercultural and Indigenous Studies (CIIR)	4	1	4		2. 1. Advanced manuscript on the persistence of depression between measurement waves. 2. We planned and reformulated the mental health module to allow for online evaluation.	Alvaro Jiménez Mariane Krause Alex Behn Juan Pablo Jiménez
Scientific conferences about mental health	To conduct a cycle of 4 scientific conferences	MIDAP organized and sponsored, alongside Columbia Global Centers Santiago and the Vice-	Columbia Global Centers Santiago and Vice-President's Office for Research	2	0	4	3	8. 4 Conferences, 3 research internships,	Alex Behn Juan Pablo Jiménez

organized by MIDAP, UC, and CGC	about mental health.	President's Office for Research of Pontificia Universidad Católica de Chile, a cycle of 4 international conferences about mental health: Lena Verdeli, Madelyn Gould, and Pablo Goldberg in 2019. The last masterclass was held in January 2020. Given by Otto Kernberg, it was entitled "Recent Findings and Challenges in the Treatment of Personality Disorders". In addition, in 2020, we were “visited” by three Columbia College students who conducted a remote research internship at MIDAP and produced an article on how lockdown measures during the pandemic have affected people in their paternal and maternal roles.	of Universidad Católica de Chile					and 1 article.	
Attachment & Adoption Research Network	To conduct intercultural research on attachment processes in adopted children	The network brings together an international group of researchers with the scientific goal of examining the development of attachment bonds in children who live away from their families. The network provides a	More than 20 countries	1	0	40		1. Research	María Pía Santelices

		common set of instruments to study this topic and aggregates researchers' findings in collaborative publications.							
Empirical studies on depression and psychotherapy	To collaborate with Psicomédica in the execution of empirical studies on depression and psychotherapy	Psicomédica is an outpatient mental health clinic in Santiago that treats patients as part of the GES depression program.	Psicomédica Clinical & Research Group	5	1	1		2. 1. Submission for publication of a manuscript on early adversity and complexity in depression (publication accepted in 2021, Depression and Anxiety); 2. Submission for publication of manuscript on early adversity and suicide risk, psychiatric admission, and recurrence of depression (manuscript accepted in 2021, European Journal of Psychotraumatology)	Alex Behn Candice Fischer Paula Errázuriz Sergio Gloger
Joint research	To conduct joint	Gaining access to	Mental Health Unit,	6	0			2. Study	Alex Behn

activities	research activities.	(structural and human) resources of the Mental Health Unit of the San Joaquín Medical Center for conducting several MIDAP studies. Multiple researchers also collect samples for their studies in these facilities.	San Joaquín Medical Center. Pontificia Universidad Católica de Chile.					implementation. The FONDECYT study conducted by Paula Errázuriz has been added. The implementation of the MHIRA prototype has been initiated (Botnar Project).	Carolina Altimir Guillermo de la Parra Paula Dagnino Paula Errázuriz Sebastián Medeiros
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**Annex 7. - Outreach****7.1. - Outreach activities throughout the period**

Event Title	Type of Event	Scope (National /International)	Target Audience	Date	Country	Region	No. of Students from the Center	No. of Attendees	Duration in days	Participating Researchers	Person in charge of the activity
Seminar: "Conversive and reparative practices with LGBTI+ people"	Seminar	N	MIDAP professionals connected with this subject area - Professionals from other areas - General public	04-11-2020	Chile	Metropolitan Region, Santiago		60	1	Claudio Martínez	Claudio Martínez
International Seminar: "Can we generate good public mental health policies without systematic measurements and monitoring?"	Seminar	I	General public	11-12-2020	Chile	Metropolitan Region, Santiago		110	1	Alex Behn Matías Irarrázaval	MIDAP and Centro MIDE UC
Valparaíso 2020 Port of Ideas, online	Forum	I	General public	08-11-2020	Chile	Valparaíso		745	6	Juan Pablo Jiménez	Puerto de Ideas Foundation
Festival of Science (FECI), online	Science Fest/Festival	N	Preschoolers - Elementary school students - Secondary school students - Higher education students - Technical	11-11-2020	Chile	Metropolitan Region, Santiago	2	3000	5	Marcia Olhaberry. Juan Pablo Jiménez. Javier Morán Natalia Salinas	PAR Explora RM Sur Poniente

			education students - Preschool educators - Primary school teachers - Secondary school teachers - Private sector - General public - Media								
Sponsorship of 8 radio shows/interviews in the program "Millennium on Air", Radio Universidad de Chile	Radio show	I	General public	21-01-2020	Chile	Metropolitan Region, Santiago	0	10000	308	Marcia Olhaberry. Paula Dagnino Juan Pablo Jiménez. Alex Behn Candice Fischer Susana Morales Claudia Capella	Radio Universidad de Chile
Launch of animated video (animate) "MIDAP, improving mental health in depression and personality"	Launch	I	General public	05-05-2020	Chile	Metropolitan Region, Santiago	0	10000	1	Alex Behn Guillermo de la Parra Marcia Olhaberry Paula Errázuriz	MIDAP Communications Team
Online course: "Suicide Risk: Assessment and Management"	Training program	N	MIDAP professionals connected with this subject area - Professionals from other areas	17-11-2020	Chile	Metropolitan Region, Santiago		62	4	Orietta Echávarri. Susana Morales	Susana Maldonado
Course: "Mindfulness, Science, and Health"	Course	N	MIDAP professionals connected with this subject area - Professionals	24-01-2020	Chile	Metropolitan Region, Santiago		33	2	Sebastián Medeiros	Susana Maldonado



			from other areas								
Online course: “Suicide Risk: Assessment and Management”	Training program	N	MIDAP professionals connected with this subject area - Professionals from other areas	25-08-2020	Chile	Metropolitan Region, Santiago		60	4	Susana Morales Orietta Echávarri.	Susana Maldonado
Official Course: Mentalization Based Treatment for Children (MBT-C)	Training program	I	MIDAP professionals connected with this subject area	04-12-2020	Chile	Metropolitan Region, Santiago	3	47	3		Susana Maldonado (MIDAP) and César Bravo (Mentalizar Chile)
Course: Contributions of Mentalization Based Treatment for Adolescents (MBT-A) and AMBIT	Training program	I	MIDAP professionals connected with this subject area	04-12-2020	Chile	Metropolitan Region, Santiago	2	40	3		Susana Maldonado (MIDAP) and César Bravo (Mentalizar Chile)
MIDAP International Seminar: "Depression in older adults with and without cognitive impairment"	Seminar	I	MIDAP professionals connected with this subject area - Professionals from other areas - General public	21-01-2020	Chile	Metropolitan Region, Santiago		76	1	Claudia Miranda	Paula Zañartu
International Seminar: “Internet-based interventions for the treatment of mental health problems”.	Seminar	I	MIDAP professionals connected with this subject area - Professionals	28-01-2020	Chile	Metropolitan Region, Santiago		65	1	Alex Behn J. Carola Pérez Olga Fernández	Paula Zañartu

			from other areas - General public								
Masterclass: "Recent Findings and Challenges in the Treatment of Personality Disorders".	Conference	I	MIDAP professionals connected with this subject area - Professionals from other areas - General public - Graduate students - University professors - Public sector - Private sector	06-01-2020	Chile	Metropolitan Region, Santiago		100	1	Alex Behn Candice Fischer	Paula Zañartu
6th Research Meeting: "MIDAP's role in a new social pact for Chile".	Workshop	N	MIDAP professionals connected with this subject area	11-01-2020	Chile	Metropolitan Region, Santiago	10	40	1		MIDAP Management Team
Master Class by Otto Kernberg - 6th Conference on Severe Personality Disorders	Conference	I	Graduate students - University professors - MIDAP professionals connected with this subject area - Professionals from other areas - General public	10-01-2020	Chile	Valparaíso		300	2	Javier Morán	Paula Zañartu
Launch of the	Launch of	I		29-09-	Chile	Metropolit		100	1		Andrés

"Mentalizar" Video and Manual.	material			2020		an Region, Santiago					Urrutia
Launch of new animated video by MIDAP: "Social upheaval and the pandemic: their impact on mental health".	Launch of general interest material	N		11-12-2020	Chile	Metropolit an Region, Santiago		100	1	Juan Pablo Jiménez. Marcia Olhaberry. Mariane Krause. Guillermo de la Parra	Carolina Cares
Publication of opinion columns and interviews in all the platforms of CIPER Académico (online media outlet).	Publication of opinion columns and interviews	I	Others - Graduate students - University professors - MIDAP professionals connected with this subject area - Professionals from other areas - Private sector - Public sector - Media - General public	19-09-2020	Chile	Metropolit an Region, Santiago		10000	6	Alemka Tomicic Alex Behn Claudia Capella. Claudio Martínez Juan Pablo Jiménez. Marcia Olhaberry.	Paula Zañartu

**7.2.- Articles and Interviews**

Type of Media and Scope	Local / Regional		National		International		Total
	N° Interviews	N° Articles	N° Interviews	N° Articles	N° Interviews	N° Articles	
Written	0	0	3	7	1	4	15
Internet	0	0	4	6	1	0	11
Audiovisual	3	0	13	1	0	0	17
<b>Total</b>	3	0	20	14	2	4	43

**Annex 8. - Connections with other sectors:**

Activity	Type of Connection	Institution	Type of Activity	Country of institution	Agent Type	Economic Sector
Collaboration agreement with Chilean research centers which are currently conducting longitudinal studies	Collaboration	Centro de Estudios Interculturales e Indígenas (CIIR) - Centro de Estudios de Conflicto y Cohesión Social (COES) - Centro de Encuestas y Estudios Longitudinales UC	Study	Chile	Research centers	Research and development
Mindfulness program - Mental Health Unit	Collaboration	Red Salud UC Christus, San Joaquín	Scientific training	Chile	Private companies	Medicine and human health
Program: Mindfulness-based stress reduction and cognitive therapy (MBSR and MBCT)	Collaboration	Centro Mindfulness y Medicina	Study	Chile	Private companies	Medicine and human health
Exhibition of psychoeducational videos produced by MIDAP	Collaboration	Centro de Terapia del Comportamiento	Educational consultancy	Chile	Private companies	Medicine and human health
Exhibition of psychoeducational videos at "Domingo Asún" Community Health Care Center	Collaboration	Centro de Salud Mental Comunitaria 'Domingo Asún'	Educational consultancy	Chile	Institution dependent on the Valparaíso Health Service	Medicine and human health
Collaboration agreement	Collaboration	Programa de Buen Trato a la Infancia de la Universidad Católica del Maule.	Scientific collaboration	Chile	Private companies	Education
Network of Mental Health Advocacy Organizations (Red de Organizaciones para la Abogacía por la Salud Mental)	Collaboration	Among the organizations that adhere to this initiative are the Chilean Academy of Medicine, Society of Psychiatry and Neurology of Childhood and Adolescence of Chile (SOPNIA), Chilean Society of Family Medicine (SOCHIMEF), Chilean Society of Mental Health (SChSM), Chilean Society of Pediatrics (SOCHIPE), Chilean Psychoanalytic Association (APCH), Chilean Society of Pediatrics (SOCHIPE), Chilean Society of Mental Health (SChSM), Chilean	Various joint activities	Chile	Various private organizations	Medicine and human health

		Society of Pediatrics (SOCHIPE) Adolescence Branch, Chilean Psychoanalytic Association (APCH), Chilean Society of Bipolar Disorders (SOCHITAB), Santiago Psychoanalytic Association (APSAN), International Society of Substance Use Professionals (ISSUP) Chilean Chapter, Consortium of State Universities (CUECH) [Network of Psychology Careers], Department of Psychiatry of the USACH, Specialization Programs in Adult Psychiatry and Child and Adolescent Psychiatry of the Catholic University of the Santísima Concepción, Department of Psychology of the Universidad de la Frontera, Millennium Nucleus to Improve the Mental Health of Adolescents and Young People (IMHAY), among others.				
Member of CONICYT G2-G3 Medicine panel	Collaboration	Comisión Nacional de Investigación Científica y Tecnológica - CONICYT del Ministerio de Educación	Scientific consultancy	Chile	Centralized and decentralized public institutions	Scientific and technological development
Collaboration agreement	Collaboration	Escuela de Psicología de la Universidad Católica del Norte (UCN), y el Observatorio de Infancias y Juventudes de la Región de Antofagasta	Scientific collaboration	Chile	University	Education
Member of the committee of experts to elaborate the "Clinical Practice Guideline for the Management of Adolescent Depression"	Collaboration	Ministerio de Salud de Chile	Consultancy	Chile	Centralized and decentralized public institutions	Medicine and human health
Member of CONICYT Psychology panel	Collaboration	Comisión Nacional de Investigación Científica y Tecnológica - CONICYT del Ministerio de Educación	Scientific consultancy	Chile	Centralized and decentralized public institutions	Scientific and technological development

Member of the Advisory Board on "Mental Health in Older Adults" for the Ministry of Health and the National Service for Older Adults	Collaboration	Ministerio de Salud y Servicio Nacional del Adulto (SENAMA)	Scientific consultancy	Chile	Centralized and decentralized public institutions	Medicine and human health
Advisor to Explora Program, part of the National Committee for Scientific and Technological Research	Collaboration	Comisión Nacional de Investigación Científica y Tecnológica - CONICYT del Ministerio de Educación	Consultancy	Chile	Centralized and decentralized public institutions	Education
Member of the Advisory Board on the Accreditation of Graduate Programs for the National Accreditation Commission	Collaboration	Comisión Nacional de Acreditación - CNA	Consultancy	Chile	Participation in Committees and Initiatives for supporting public and private sector entities	Education
Member of UFRO's Committee of Graduate Affairs and Medical Specializations	Collaboration	Universidad de La Frontera	Consultancy	Chile	Private companies	Education
Members of "Social Board of Mental Health and Psychosocial Well-being" to deliver mental health guidelines to the Social Board COVID-19	Collaboration	Ministerio de Salud	Scientific consultancy	Chile	Centralized and decentralized public institutions	Public sector
Member of the Continuous Quality Improvement Team, Doctoral Program in Sciences - mention in Applied Cellular and Molecular Biology, Universidad de La Frontera	Advise	Universidad de La Frontera	Consultancy	Chile	Centralized and decentralized public institutions	Public sector
Collaboration agreement with Centro de Medición MIDE UC	Collaboration	Centro de Medición MIDE UC	Various joint activities	Chile	Center for Research and Studies	Research and services

Member of the Ministerial Advisory Council for Science, Technology, Innovation and Knowledge.	Advise	Ministerio de Ciencia, Tecnología, Innovación y Conocimiento	Consultancy	Chile	Centralized and decentralized public institutions	Public sector
Member of the table "Contributions of the Social Sciences, Humanities and Arts in the current socio-health context in Chile"	Advise	Ministerio de Ciencia, Tecnología, Innovación y Conocimiento	Consultancy	Chile	Centralized and decentralized public institutions	Public sector
Technical collaboration for the preparation of the "2020 Regional Report: Suicide Mortality in the Americas".	Collaboration	Pan American Health Organization (PAHO/WHO)	Consultancy	Other	International organization	Medicine and human health



**Annex 9.- Total Funding:****2020 Incomes:**

<b>Funds</b>	<b>Amount [\$]</b>	<b>Percentage of total income [%]</b>
MSI Outreach	\$ 9.890.000	2,39%
FONDECYT	\$ 14.539.953	3,51%
Training courses for health personnel	\$ 61.481.189	14,86%
MSI	\$ 288.000.000	69,59%
UC's Research Agency	\$ 10.000.000	2,42%
Other international funds	\$ 29.935.524	7,23%
<b>Total</b>	<b>\$ 413.846.666</b>	

**Annex 10.- Outstanding Activities**

**All outstanding research activities are included in the regular sections of this report.**

**APPENDIX I: Set of identifying codes for current MIDAP studies**

<b>Line of Research*</b>	<b>Code</b>	<b>Study</b>	<b>PI</b>
1	003-L1	Subjective Construction of the Suicide Process in Young Lesbian, Gay, and Bisexual People	Claudio Martínez / Alemka Tomicic
1	004-L1	Stimulus setup and validation for the project "An integrative psychophysiological study of the effects of contemplative practices on well-being; a cross-sectional and longitudinal approach".	Diego Cosmelli
1	051-L1	From metacognitive efficiency to interpersonal sensitivity: An introduction to the interpersonal mind from the perspective of social cognition	Jaime Silva
1	005-L1	A system for information management, experimental record keeping, and secure storage of participant data in complex experimental contexts.	Diego Cosmelli
1	008-L1	MetaStress: A hormonal mechanism regulating metacognitive capacity	Jaime Silva
1	009-L1	Gene-Culture interaction in depressive symptomatology and subjective well-being in Chile	Juan Pablo Jiménez
1	010-L1	An embodied approach to emotional regulation as the first stage of the future development of translational research	Nelson Valdés
1	047-L1	The role of BPD features on task performance in a cooperative task: focusing on brain wave synchrony as a mechanism to explain performance differences with healthy controls	Alex Behn
1	074-L1	Psychological effects of quarantine and/or social asylum during COVID-19 crisis: an intensive longitudinal study	Alex Behn
1	073-L1	Using technology to facilitate international research on diagnosis and treatment of borderline personality disorder in adolescence, including low- and middle-income countries - a strategy based on direct clinical benefit.	Alex Behn
1	011-L1	Evaluating and predicting suicide risk	Susana Morales / Orietta Echávarri
2	012-L2	Mindfulness-based depression prevention in children and adolescents	Álvaro Langer
2	014-L2	Pilot study and clinical trial of an Internet-based program for prevention and early intervention in adolescent depression	Daniel Espinosa
2	015-L2	Depressive symptomatology during the transition toward parenting: Integrating the meanings and relational dynamics of the protagonists	Francisca Pérez
2	016-L2	Construction of a device-workshop to enable clinical psychologists to develop competences for managing complex depressions in institutional contexts	Guillermo de la Parra
2	017-L2	A collaborative study on the development of psychotherapists in training	Juan Pablo Jimenez /Paula Dagnino

2	018-L2	Attachment and Mentalization intervention for caregivers of preschoolers	María Pía Santelices
2	049-L2	Trajectories and predictors of depressive and anxious symptomatology in family caregivers of people with dementia: a longitudinal study	Claudia Miranda
2	055-L2	Institutionalized childhood and daily life of children in protection residences in Santiago de Chile (1979-2000)	Patricia Castillo
2	089-L2	Concordance in the physiological and subjective stress response. The role of temperament and family context in emotional regulation in late adolescents and young adults	Carola Pérez
2	088-L2	Process of psychotherapeutic change in children who have been victims of sexual aggression: Towards a comprehensive model of the influence of responsible adult factors, interventions and the therapeutic relationship	Claudia Capella
2	021-L2	Effectiveness of a staggered Internet-based program for prevention and early intervention in adolescent depression	Vania Martinez
2	090-L2	Brief internet mentalization-based video feedback intervention to improve parental sensitivity in depressed mothers attending public health centers: a randomized controlled feasibility trial.	Marcia Olhaberry
2	091-L2	Evaluating the effectiveness of a digital version of the intervention “What Were We thinking” to promote maternal mental health in the postpartum	Carola Pérez
3	022-L3	Discourse-voice regulation strategies in psychotherapeutic interaction in long-term therapies	Alemka Tomicic
3	023-L3	Evaluation of the impact of the use of the Operationalized Psychodynamic Diagnosis System (OPD-2) on psychotherapeutic outcomes in patients with depression.	Carla Crempien
3	025-L3	Electrophysiological correlates of depression and psychotherapy	Claudio Martínez
3	026-L3	Mentalization and change in psychotherapies of patients with personality disorders	Claudio Martínez
3	027-L3	Couples therapy for depression treatment: Effectiveness and change mechanisms	Diana Rivera
3	028-L3	Video-feedback intervention focused on bond quality and parental reflective functioning, aimed at mother-father-child triads	Marcia Olhaberry
3	030-L3	Evaluation of the Effectiveness of Identity Treatment for Adolescents (ITA): Assessment of the Psychotherapy Process and Outcome in Adolescents Diagnosed with Identity Diffusion	Nelson Valdés
3	031-L3	Communicational characteristics in patients with introjective and anaclitic depression	Nelson Valdés

3	032-L3	Change mechanisms involved in psychotherapeutic processes-continuity of a line of change process research	Nelson Valdés
3	033-L3	Distinctions in depression diagnosis and prognosis in psychotherapy: Relational patterns, internal conflicts, and vulnerabilities of psychic functioning and their relationship with psychotherapeutic process variables	Paula Dagnino
3	035-L3	Depression profiles and their relationship with the therapeutic process	Paula Dagnino
3	036-L3	Pilot study on mindfulness training and personality: Articulating the first and the third person in the study of mind-body processes	Sebastián Medeiros
3	046-L3	Characterization of alliance rupture and resolution episodes based on patients' and therapists' affective-facial communication and their association with psychotherapeutic change: distinctions for clinical practice	Carolina Altimir
3	048-L3	Towards a comprehensive model of the therapeutic alliance in psychotherapy with depressed patients: understanding the relationship between the alliance, patient/therapist characteristics, process variables, and outcome	Paula Errázuriz
3	050-L3	Developing a comprehensive model of psychotherapy for LGBT patients: A qualitative study of patients' and psychotherapists' experiences	Alemka Tomicic
3	037-L3	Effectiveness of a computer-assisted cognitive-behavioral therapy for adolescents with depression being treated in primary health care centers in Santiago de Chile	Vania Martínez
4	029-L4	Psychotherapy follow-up for depression: The participants' perspective in multiple cultures	Mariane Krause
4	040-L4	Difficult patients: Conceptualization and challenges for mental health treatment in the public system	Candice Fischer
4	041-L4	Effectiveness of an Internet-based intervention for treating depression: Toward the improvement of depression management (ASCENSO-FONIS)	Carola Pérez
4	042-L4	Technologically assisted training and supervision for depression management in primary health care	Graciela Rojas
4	043-L4	A collaborative computer-assisted cognitive-behavioral educational and psychological treatment for depressed patients with chronic disease at primary care	Graciela Rojas
4	045-L4	Follow-up of adolescents who attempt suicide post-hospitalization in a private mental health center of Santiago de Chile	Olga Fernández

\*Lines of research:

1. Basic bio-psycho-social structures and processes.
2. Health promotion and psychosocial prevention.
3. Psychotherapeutic interventions and change processes.
4. Mitigation of Chronicity in the Course of Depression

## APPENDIX II: 2020 MIDAP's publications in APA format (total or partially financed by MSI)

Category of Researcher	Category of Publication	Reference
Associate Researchers	ISI/WOS Publications or Similar to ISI/WOS Standard	<ol style="list-style-type: none"> <li>1. Altimir, C., &amp; Jiménez, J. P., (2020), Walking the middle ground between hermeneutics and science: A research proposal on psychoanalytic process, <i>The International Journal of Psychoanalysis</i>, 101, 3, 496, 0020-7578, DOI: 10.1080/00207578.2020.1726711</li> <li>2. Barros, J., S Morales, A García, O Echávarri, R Fischman, M Szmulewicz, C Moya, C Núñez &amp; A Tomicic, (2020), Recognizing states of psychological vulnerability to suicidal behavior: a Bayesian network of artificial intelligence applied to a clinical sample, <i>BMC Psychiatry</i>, 20, , 138, n.a., <a href="https://doi.org/10.1186/s12888-020-02535-x">https://doi.org/10.1186/s12888-020-02535-x</a></li> <li>3. Cowes, EA &amp; MP Santelices, (2020), Preschool theory of mind: it's relation with mother's parental stress and reflective function, <i>Early Child Development and Care</i>, , , 0300-4430, <a href="https://doi.org/10.1080/03004430.2020.1763977">https://doi.org/10.1080/03004430.2020.1763977</a></li> <li>4. Crockett, M., Á Jiménez y V Martínez, (2020), Subthreshold depression in adolescence: Gender differences in prevalence, clinical features, and associated factors, <i>Journal of Affective Disorders</i>, 272, , 269, 0165-0327, DOI: 10.1016/j.jad.2020.03.111</li> <li>5. Martínez V, Crockett MA, Jiménez-Molina Á, Espinosa-Duque HD, Barrientos E and Ordóñez-Carrasco JL, (2020), Stigmatizing Beliefs and Attitudes to Depression in Adolescent School Students in Chile and Colombia, <i>Frontiers in Psychology</i>, 11, 577177, , n.a., 10.3389/fpsyg.2020.577177</li> <li>6. Farkas, C., Santelices, M. P., Vallotton, C. D., Brophy-Herb, H. E., Iglesias, M., Sieverson, C., Cuellar, M. &amp; Álvarez, C., (2019), Children's storybooks as a source of mental state references: Comparison between books from Chile, Colombia, Scotland and USA, <i>Cognitive Development</i>, 53, 100845, , 0885-2014, <a href="https://doi.org/10.1016/j.cogdev.2019.100845">https://doi.org/10.1016/j.cogdev.2019.100845</a></li> <li>7. Garrido-Rojas, L., Guzmán-González, M., Santelices, M. P., &amp; Rivera-Ottenberger, D., (2020), Regulación emocional y depresión en divorciados: ¿Para quiénes es más importante esta relación?, <i>Terapia Psicológica</i>, 38, 3, 363, 0718-4808, <a href="https://teps.cl/index.php/teps/article/view/360/344">https://teps.cl/index.php/teps/article/view/360/344</a></li> <li>8. Lucchini-Raies, C., Marquez-Doren, F., Beca, P., Perez, J.C., Campos, S., &amp; Lopez-Dicastillo, O., (2020), The CRIAA Program complex intervention in primary care to support women and their families in breastfeeding: Study protocol for a pilot trial, <i>Journal of Advanced Nursing</i>, 76, , 3641, 1365-2648, Doi: 10.1111/jan.14534</li> <li>9. Mendive, S., Mascareño, M., Aldoney, D., Pérez, J.C., &amp; Pezoa, J., (2020), Home language and literacy environments and early literacy trajectories of low-socioeconomic status Chilean children, <i>Child Development</i>, 91, 6, 2042, 1467-8624, <a href="https://doi.org/10.1111/cdev.13382">https://doi.org/10.1111/cdev.13382</a></li> <li>10. Langer, A.I., S. Medeiros, N. Valdés-Sánchez, R. Brito, C. Steinebach, C. Cid-Parra, A. Magni, and M. Krause, (2020), A Qualitative Study of a Mindfulness-Based Intervention in Educational Contexts in Chile: An Approach Based on Adolescents' Voices, <i>International Journal of</i></li> </ol>

		<p>Environmental Research and Public Health, 17, 6927, , 1660-4601 , doi:10.3390/ijerph17186927</p> <p>11. Martínez, P., I Magaña, P.A. Vöhringer, V. Guajardo, G. Rojas. , (2020), Development and validation of a three-item version of the Edinburgh Postnatal Depression Scale, Journal of Clinical Psychology, 76, 12, 2198, 1097-4679, DOI: 10.1002/jclp.23041</p> <p>12. Mata, C., MP Santelices y A Verges, (2020), Do educators matter? Associations between caregivers' mentalization and preschoolers' attachment, social emotional development and theory of mind, Early Child Development and Care, , , , 0300-4430, <a href="https://doi.org/10.1080/03004430.2020.1755664">https://doi.org/10.1080/03004430.2020.1755664</a></p> <p>13. Ríos, U. PR Moya, Ó Urrejola, J Hermosilla, R Gonzalez, P Muñoz, J Moran, P Solervicens, JP Jiménez., (2020), El maltrato infantil y su rol en el curso clínico de pacientes con trastorno bipolar, Revista Médica de Chile, 148, 2, 204, 0034-9887, <a href="http://dx.doi.org/10.4067/s0034-98872020000200204">http://dx.doi.org/10.4067/s0034-98872020000200204</a></p> <p>14. Tomicic A, Martínez C, &amp; Rodríguez J, (2020), Using the Generic Model of Psychotherapy to Develop a Culturally-Sensitive Approach to Psychotherapy with Sexual and Gender Minority Patients, Frontiers in Psychology, 11, 599319, , n.a., <a href="https://doi.org/10.3389/fpsyg.2020.599319">https://doi.org/10.3389/fpsyg.2020.599319</a></p> <p>15. Tomicic, A, C Martínez, C Rosenbaum, F Aguayo, F Leyton, J Rodríguez, C Galvez &amp; I Lagazzi., (2020), Adolescence and Suicide: Subjective Construction of the Suicidal Process in Young Gay and Lesbian Chileans, Journal of Homosexuality, , , , n.a., <a href="https://doi.org/10.1080/00918369.2020.1804253">https://doi.org/10.1080/00918369.2020.1804253</a></p>
	<p><b>SCOPUS Publications or Similar to SCOPUS Standard</b></p>	<p>16. Carrasco, A.E., Moessner, M., Carbonell, C. G., Rodríguez, C., Martini, N., Pérez, J.C., Garrido, P., Özer, F., Krause, M., &amp; Bauer, S., (2020), Sin-E-Stres: an Adjunct Internet-Based Intervention for the Treatment of Patients with Posttraumatic Stress Disorder in Chile, Revista CES Psicología, 13, 3, 239, 2011-3080, DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.14">http://dx.doi.org/10.21615/cesp.13.3.14</a></p> <p>17. Duarte, J., Martinez, C., &amp; Tomicic A. , (2020), Episodes of meeting in psychotherapy: an empirical exploration of patients' experiences of subjective change during their psychotherapy process, Research in Psychotherapy: Psychopathology, Process and Outcome, 23, 1, 56, 2239-8031, doi: 10.4081/ripppo.2020.440</p> <p>18. Espinosa-Duque, D., &amp; Krause, M. , (2020), El desafío de integrar teoría, investigación y práctica clínica en psicoterapia, Revista CES Psicología, 13, 3, i, 2011-3080, DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.15n">http://dx.doi.org/10.21615/cesp.13.3.15n</a></p> <p>19. Fernández, O., Fernández, S., &amp; Krause, M. , (2020), Comprensión del cambio psicoterapéutico en adolescentes: voces de pacientes y terapeutas, Revista CES Psicología, 13, 3, 107, 2011-3080, DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.7">http://dx.doi.org/10.21615/cesp.13.3.7</a>;</p> <p>20. León MJ, &amp; Olhaberry M. , (2020), Triadic interactions, parental reflective functioning, and early social-emotional difficulties, Infant Mental Health Journal, 41, 4, 431, 0163-9641, <a href="https://doi.org/10.1002/imhj.21844">https://doi.org/10.1002/imhj.21844</a></p>

		<p>21. Olhaberry Huber, M., Escobar Venegas, M., &amp; Maluenda Contreras, C. , (2020), Intervención grupal para díadas madre-infante privadas de libertad: efectos sobre la depresión materna y el desarrollo infantil, Revista CES Psicología, 13, 3, 222, 2011-3080, <a href="http://dx.doi.org/10.21615/cesp.13.3.13">http://dx.doi.org/10.21615/cesp.13.3.13</a></p> <p>22. Parada, F., Martínez, V., Espinosa, H.D., Bauer, S., &amp; Moessner, M. , (2020), Using Persuasive Systems Design Model to Evaluate "Cuida tu Ánimo": An Internet-Based Pilot Program for Prevention and Early Intervention of Adolescent Depression, Telemedicine Journal and e-Health , 26, 2, 251, 15563669, <a href="https://doi.org/10.1089/tmj.2018.0272">https://doi.org/10.1089/tmj.2018.0272</a></p> <p>23. Morán, J., Martínez, C., Díaz, M.F., González, S., Arce, K., &amp; Duarte, J. , (2020), Observando la mentalización en psicoterapias con adolescentes: Diseño de un sistema de observación de la interacción terapéutica. , Revista CES Psicología, 13, 3, 51, 2011-3080, <a href="http://dx.doi.org/10.21615/cesp.13.3.4">http://dx.doi.org/10.21615/cesp.13.3.4</a></p> <p>24. Vásquez, D., Altimir, C. Ocampo Lopera, D.M. Reinel Pineda, M., Espinosa, H-D., Mesa, C., Montenegro, C.R., Fernández González, O.M. &amp; Krause, M. , (2020), Del malestar a la depresión: dinámicas en la construcción del significado personal de la experiencia de la depresión, Revista CES Psicología, 13, 3, 142, 2011-3080, <a href="http://dx.doi.org/10.21615/cesp.13.3.9">http://dx.doi.org/10.21615/cesp.13.3.9</a></p>
	<b>Other publications</b>	<p>25. Krause, M., (2020), La Psicoterapia: ¿Oficio sin Ciencia y Ciencia sin Oficio? Reprint. Ensayo publicado originalmente en: KRAUSE, MARIANE (2011). La Psicoterapia: ¿Oficio sin Ciencia y Ciencia sin Oficio? Revista Colombiana de Psicología, 20(1),89-98, Figura Fondo , 21, 48, 111, 0121-5469, n.a.</p> <p>26. Irrázaval, M., Adrian Mundt, Pablo Martínez D., Olga Fernández G., Graciela Rojas C., (2019), Uso de telepsiquiatría para apoyar la atención primaria de salud mental en el tratamiento de niños, niñas y adolescentes con vulneración de derechos: resultados preliminares, Revista del Hospital Clínico de la Universidad de Chile, 30, 3, 184, <a href="https://pesquisa.bvsalud.org/portal/resource/pt/biblio-1050986">https://pesquisa.bvsalud.org/portal/resource/pt/biblio-1050986</a></p>
<b>Other Researchers</b>	<b>ISI/WOS Publications or Similar to ISI/WOS Standard</b>	<p>27. Behn, A; PA Vöhringer; P Martínez; AP Domínguez; A González; MI Carrasco; S Gloger, (2020), Validación de la versión en español del Childhood Trauma Questionnaire-Short Form en Chile, en una muestra de pacientes con depresión clínica, Revista Médica de Chile, 148, , 336, 07176163, <a href="http://dx.doi.org/10.4067/S0034-98872020000300336">http://dx.doi.org/10.4067/S0034-98872020000300336</a></p> <p>28. Campos-Arteaga, G., Forcato, C., Wainstein, G., Lagos, R., Palacios-García, I., Artigas, C., ... &amp; Rodríguez, E., (2020), Differential neurophysiological correlates of retrieval of consolidated and reconsolidated memories in humans: an ERP and pupillometry study, Neurobiology of Learning and Memory, 174, , , 1074-7427, doi: 10.1016/j.nlm.2020.107279</p> <p>29. Caqueo-Urizar, A., Atencio, D., Flores, J., Narea, M., Urzúa, A., &amp; Irrázaval, M. , (2020), Mental Health in Immigrant Children and Adolescents in Northern Chile, Journal of Immigrant and Minority Health, , , 1, 1557-1912 , <a href="https://doi.org/10.1007/s10903-020-01113-3">https://doi.org/10.1007/s10903-020-01113-3</a></p> <p>30. Caqueo-Urizar, A., Flores, J., Escobar, C., Urzúa, A., &amp; Irrázaval, M. , (2020), Psychiatric disorders in children and adolescents in a middle-</p>

- income Latin American country, *BMC Psychiatry*, 20, 1, 1, n.a., <https://doi.org/10.1186/s12888-020-02512-4>
31. Caqueo-Úrizar, A., Mena-Chamorro, P., Flores, J., Narea, M., & Irarrázaval, M. , (2020), Problemas de regulación emocional y salud mental en adolescentes del norte de Chile, *Terapia Psicológica*, 38, 2, 203, 0716-6184 , <https://doi.org/10.4067/S0718-48082020000200203>
  32. Costa-Cordella, S., Luyten, P., Mena, F., Cohen, D and Fonagy, P., (2020), Mentalizing in Mothers and Children with Type 1 Diabetes, *Development and Psychopathology*, , , , 0954-5794, doi:10.1017/S0954579419001706
  33. Cuadra-Martínez, D., P.J. Castro-Carrasco, J. Sandoval-Díaz, D. Pérez Zapata, D. Mora Dabancens, (2020), COVID-19 y comportamiento psicológico: revisión sistemática de los efectos psicológicos de las pandemias del siglo XXI, *Rev Med Chile*, 148, 8, 1193, 0034-9887, n.a.
  34. Dagnino P, Ugarte MJ, Morales F, González S, Saralegui D and Ehrental JC , (2020), Risk Factors for Adult Depression: Adverse Childhood Experiences and Personality Functioning, *Frontiers in Psychology*, 11, 594698, , 1664-1078, doi: 10.3389/fpsyg.2020.594698
  35. Flückiger, C., Rubel, J., Del Re, A. C., Horvath, A. O., Wampold, B. E., Crits-Christoph, P., Atzil-Slonim, D., Compare, A., Falkenström, F., Ekeblad, A., Errázuriz, P., Fisher, H., Hoffart, A., Huppert, J. D., Kivity, Y., Kumar, M., Lutz, W., Muran, J. C., Strunk, D. R., . . . Barber, J. P. , (2020), The reciprocal relationship between alliance and early treatment symptoms: A two-stage individual participant data meta-analysis, *Journal of Consulting and Clinical Psychology*, 88, 9, 829, 0022-006X , <https://doi.org/10.1037/ccp0000594>
  36. González-Valderrama A, Jongsma HE, Mena C, Castañeda CP, Nachar R, Undurraga J, Crossley N, Aceituno D, Iruretagoyena B, Gallardo C, Mondaca P, Monje M, Irarrazaval M, Zavala C, Valmaggia L, Kirkbride JB. , (2020), The incidence of non-affective psychotic disorders in Chile between 2005 and 2018: results from a national register of over 30000 cases, *Psychological Medicine*, , , , 0033-2917 , doi: 10.1017/S0033291720002664
  37. Fischman, P., & Irarrazaval, M. , (2020), Debate: Mental health, social crisis and the COVID-19 pandemic in Chile, *Child and Adolescent Mental Health*, 25, 4, 256, 1475-3588, doi: 10.1111/camh.12424
  38. Langer, AI, C. Schmidt, R Vergara, R Mayol-Troncoso, J Lecaros, E Krogh, C Vergara, M Díaz, G Rivera, R Aguirre-Baez, PA Gaspar., (2020), Examining the effect of a mindfulness based program for the improvement of cognitive function in an early stage of schizophrenia. A random controlled trial, *Schizophrenia Research*, 223, , 370, 0920-9964, <https://doi.org/10.1016/j.schres.2020.07.012>
  39. Magaña I, Martínez P, Loyola MS. , (2020), Health outcomes of unpaid caregivers in low- and middle-income countries: a systematic review and meta-analysis, *Journal of Clinical Nursing*, 29, , 3950, 1365-2702, doi:10.1111/jocn.15450



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41. Montiel-Nava, C., Cukier, S., Garrido, G., Valdez, D., Paula, C. S., García, R., Rosoli, A., Irrarrazaval, M. & Rattazzi, A., (2020), Service encounters across the lifespan in individuals with autism spectrum disorders: Results from a multisite study in Latin America, *Research in Autism Spectrum Disorders*, 79, 101670, , n.a., <https://doi.org/10.1016/j.rasd.2020.101670>
42. Narea, M., Toppelberg, C. O., Irrarrazaval, M., & Xu, J., (2020), Maternal and non-maternal care in infancy and later child cognitive, language and motor development in Chile: Does type of care matter?, *Early Childhood Research Quarterly*, 51, , 204, n.a., <https://doi.org/10.1016/j.ecresq.2019.10.010>
43. Lanuza, F., Morales, G., Hidalgo-Rasmussen, Balboa-Castillo, T., Ortiz, M.S., Belmar, C & Muñoz, S. , (2020), Association between eating habits and quality of life among Chilean university students, *Journal of American College Health*, , , 0744-8481, DOI:10.1080/07448481.2020.1741593
44. Neira, S., & Ortiz, M.S., (2020), Comparación social y su impacto en enfermedades crónicas: Una revisión sistemática, *Terapia Psicológica*, 38, 2, 243, 0716-6184, <http://dx.doi.org/10.4067/S0718-48082020000200243>
45. Palacios-García I, Parada F., (2020), Measuring the brain-gut axis in Psychological Sciences: a necessary challenge, *Frontiers in Integrative Neuroscience*, 13, , 73, 1662-5145, <https://doi.org/10.3389/fnint.2019.00073>
46. Salinas-Oñate, N., Baeza-Rivera, M., Ortiz, M. & Betancourt, H., (2020), Development and validation of a scale for measuring cultural beliefs about psychotherapy patients in southern Chile, *Psicología: Reflexao e Critica*, 33, 2, 1, 1678-7153, doi: 10.1186/s41155-020-0140-5
47. Gómez-Pérez, D., Cancino, M., Moreno, P., & Ortiz, M.S. , (2020), Weight stigma, chronic stress, unhealthy diet, and obesity in Chilean adults, *International Journal of Behavioral Medicine*, , , , n.a., <https://doi.org/10.1007/s12529-020-09917-1>
48. Cancino, M., Rehbein, L., Gómez-Pérez, D., & Ortiz, M.S. , (2020), Evaluación de funcionamiento cognitivo en adultos: Análisis y contratación de tres de los instrumentos de mayor divulgación en Chile, *Revista Médica de Chile*, 148, 4, 452, 07176163, <http://dx.doi.org/10.4067/s0034-98872020000400452>
49. Barrera-Herrera, A., Vinet, E., & Ortiz, M.S. , (2020), Evaluación de la adultez emergente en Chile: validación del IDEA - extendido en universitarios chilenos, *Terapia Psicológica*, 38, 1, 47, 0716-6184, <http://dx.doi.org/10.4067/S0718-48082020000100047>
50. Paula CS, Cukier S, Cunha GR, Irrarrazaval M, Montiel-Nava C, Garcia R, Rosoli A, Valdez D, Bordini D, Shih A, Garrido G, Rattazzi A. , (2020), Challenges, priorities, barriers to care, and stigma in families of people with autism: Similarities and differences among six Latin American countries, *Autism*, 24, 8, 2228, 1362-3613, doi: 10.1177/1362361320940073

		<p>51. Rivera-Ottenberger, D., &amp; Hernández, C., (2020), Psicoterapia de Pareja ante el descubrimiento del involucramiento del varón en actividades sexuales por Internet, <i>Terapia Psicológica</i>, 38, 1, 17, 0716-6184, <a href="http://dx.doi.org/10.4067/S0718-48082020000100017">http://dx.doi.org/10.4067/S0718-48082020000100017</a></p> <p>52. Siebenförcher M, Fritz FD, Irrázaval M, Benavides Salcedo A, Dedik C, Fresán Orellana A, Herrera Ramos A, Martínez-López JN, Molina C, Rivas Gomez FA, Rivera G, Sandia Saldivia I, Torales J, Trujillo Orrego N, Heinz A, Mundt AP. , (2020), Psychiatric beds and prison populations in 17 Latin American countries between 1991 and 2017: rates, trends and an inverse relationship between the two indicators, <i>Psychological Medicine</i>, , , , 0033-2917, doi: 10.1017/S003329172000269X</p> <p>53. Rosell, J., Vergés, A., Torres Irribarra, D., Flores, K., &amp; Gómez, M. . , (2020), Adaptation and psychometric characteristics of a scale to evaluate ageist stereotypes, <i>Archives of Gerontology and Geriatrics</i>, 90 , (September–October), , 01674943, <a href="https://doi.org/10.1016/j.archger.2020.104179">https://doi.org/10.1016/j.archger.2020.104179</a></p> <p>54. Rosell J., Vergés A., (2020), The Relationship Between Social Participation and Internet Addiction in Older Persons, In: Gao Q., Zhou J. (eds) <i>Human Aspects of IT for the Aged Population. Technology and Society. HCII 2020 Lecture Notes in Computer Science</i>, Springer, Cham, 12209, , 301, 978-3-030-50231-7, <a href="https://doi.org/10.1007/978-3-030-50232-4_21">https://doi.org/10.1007/978-3-030-50232-4_21</a></p>
	<p><b>SCOPUS Publications or Similar to SCOPUS Standard</b></p>	<p>55. Altimir, C., &amp; Valdés-Sánchez, N., (2020), Facial-affective communication and verbal relational offers during ruptures and resolution strategies: A systematic single case study, <i>Revista CES Psicología</i>, 13, 3, 180, 2011-3080, DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.11">http://dx.doi.org/10.21615/cesp.13.3.11</a></p> <p>56. Baeza-Rivera, M. J., Salinas-Oñate, N., Escandón-Nagel, N., &amp; Mardones, E. C., (2020), Validación de la Escala de Reacciones ante Experiencias de Trato Desigual en Salud, <i>Revista Ciencias de la Salud</i>, 18, 3, , n.a., doi: 10.12804/revistas.urosario.edu.co/revsalud/a.9798</p> <p>57. Both, LM; Favaretto, TC; Freitas, LHM &amp; Crempien, C., (2019), Cross-cultural adaptation of the Module for Assessment of Domestic Violence, adapted from Axis I of the Operationalized Psychodynamic Diagnosis (OPD-2), with a sample of Brazilian women, victims of domestic violence, <i>Trends in Psychiatry and Psychotherapy</i>, 41, 3, 283, 2237-6089, <a href="http://dx.doi.org/10.1590/2237-6089-2018-0075">http://dx.doi.org/10.1590/2237-6089-2018-0075</a></p> <p>58. Capella, C., Núñez, L., Vásquez, V., &amp; Fuentes, S., (2020), Adherencia o deserción de adolescentes en psicoterapia por agresiones sexuales: la perspectiva de sus terapeutas, <i>Revista CES Psicología</i>, 13, 3, 124, 2011-3080, DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.8">http://dx.doi.org/10.21615/cesp.13.3.8</a></p> <p>59. Errazuriz, Antonia, K. Schmidt, EA. Undurraga, S Medeiros, R Baudrand, D Cussen, M Henriquez, P Celhay, y RA. Figueroa, (2020), Effects of mindfulness-based stress reduction on psychological distress in health workers: A three-arm parallel randomized controlled trial, <i>Journal of Psychiatric Research</i>, (20)31070-0, , , 0022-3956, <a href="https://doi.org/10.1016/j.jpsychires.2020.11.011">https://doi.org/10.1016/j.jpsychires.2020.11.011</a></p> <p>60. Dagnino P, Anguita V, Escobar K and Cifuentes S., (2020), Psychological Effects of Social Isolation Due to Quarantine in Chile: An Exploratory</p>

		<p>Study, <i>Frontiers in Psychiatry</i>, 11, 591142, , 1664-0640, doi: 10.3389/fpsyt.2020.591142</p> <p>61. Espinoza, M., Fernández, O., Riquelme, N. &amp; Irarrázaval, M. , (2019), La identidad transgénero en la adolescencia chilena: Experiencia Subjetiva de su Proceso, <i>Psyche</i>, 28, 2, , 07182228, <a href="https://doi.org/10.7764/psyche.28.2.1425">https://doi.org/10.7764/psyche.28.2.1425</a></p> <p>62. Guzmán-González, M, D Rivera-Ottenberger, A Brassard, R Spencer and M-F Lafontaine, (2020), Measuring adult romantic attachment: psychometric properties of the brief Spanish version of the experiences in close Relationships, <i>Psicologia: Reflexão e Crítica</i>, 33, 9, , 01027972, <a href="https://doi.org/10.1186/s41155-020-00145-w">https://doi.org/10.1186/s41155-020-00145-w</a></p> <p>63. Montenegro, C. R., &amp; Mercado, N., (2020), Communities, health-care organizations and the contingencies and contradictions of engagement: A case study from Chile, <i>Health Expectations</i>, 23, 1, 229, 1369-7625, <a href="https://doi.org/10.1111/hex.12996">https://doi.org/10.1111/hex.12996</a></p> <p>64. Montenegro, C. R., Bernales, M., &amp; Gonzalez-Aguero, M., (2020), Teaching global health from the south: Challenges and proposals, <i>Critical Public Health</i>, 30, 2, 127, 0958-1596, <a href="https://doi.org/10.1080/09581596.2020.1730570">https://doi.org/10.1080/09581596.2020.1730570</a></p> <p>65. Espinosa-Duque, D., Ibarra, D.A., Ocampo Lopera, D.M. Montoya, L., Hoyos-Pérez, A., Medina, L.F., Tamayo, S., &amp; Zapata Restrepo, J. , (2020), Terminación de la psicoterapia desde la perspectiva de los pacientes, <i>Revista CES Psicología</i>, 13, 3, 201, 2011-3080, DOI: <a href="http://dx.doi.org/10.21615/cesp.13.3.12">http://dx.doi.org/10.21615/cesp.13.3.12</a></p> <p>66. López-Silva, P , (2020), ¿De quién son estos pensamientos? Examinando el enfoque top-down de las atribuciones de agencia mental, <i>Tópicos (México)</i>, 58, 1, 239, 0188-6649, <a href="https://doi.org/10.21555/top.v0i58.1088">https://doi.org/10.21555/top.v0i58.1088</a></p> <p>67. López-Silva, P , (2020), Sujeto y Acción Situada: Mapeando el Concepto de Affordance, <i>Avances en Psicología Latinoamericana</i>, 38, 2, 1, 17944724, <a href="https://doi.org/10.12804/revistas.urosario.edu.co/apl/a.7475">https://doi.org/10.12804/revistas.urosario.edu.co/apl/a.7475</a></p> <p>68. López-Silva, P. &amp; Cavieres, A. , (2020), Voces que no lo son: Los problemas del concepto de pseudoalucinación, <i>Revista Chilena de Neuro-Psiquiatría</i>, , , , 0034-7388 , <a href="http://dx.doi.org/10.4067/S0717-92272020000100029">http://dx.doi.org/10.4067/S0717-92272020000100029</a></p> <p>69. Salvo Rivera, J.D., (2020), Activación de Recursos en Psicoterapia. ¿Cómo se ha estudiado y qué sabemos?: Una revisión sistemática, <i>Revista CES Psicología</i>, 13, 3, 33, 2011-3080, <a href="http://dx.doi.org/10.21615/cesp.13.3.3">http://dx.doi.org/10.21615/cesp.13.3.3</a></p>
	<b>Other publications</b>	<p>70. Irarrázaval, M. (Chilean responding focal point of WHO), (2020), The impact of COVID-19 on mental, neurological and substance use services: results of a rapid assessment, Geneva: World Health Organization; 2020. Licence: CC BY-NC-SA 3.0 IGO , , , n.a., <a href="https://www.who.int/publications/i/item/978924012455">https://www.who.int/publications/i/item/978924012455</a></p>

### APPENDIX III: Congresses presentations in 2020

\*Scope: N = National; I = International

\*\*Lines of research:

1. Basic bio-psycho-social structures and processes.
2. Health promotion and psychosocial prevention.
3. Psychotherapeutic interventions and change processes.
4. Mitigation of Chronicity in the Course of Depression

Nº	Author(s) and title	Event's name	Type of presentation	Country	Date	Scope*	Line of research**
1	Olhaberry, M. "Depresión periparto, detección, intervención y desafíos desde una mirada diádica"	Segunda Jornada Red Chilena de Salud Mental Perinatal	Conference	Chile	07-11-2020	N	3
2	Salinas, N. "Comprendiendo la salud física y mental desde la Psicología"	XIV Feria de Investigación FIUFRO 2020, UFRO	Virtual Stand	Chile	19-11-2020	N	1
3	Olhaberry, Marcia, Pamela Franco, Javier Moran, Trinidad Tagle, Antonia Muzard "Parentalidad temprana y cambios asociados al COVID-19: efectos diferenciales según ingresos y calidad de vida"	Congreso Virtual Sociedad Interamericana de Psicología "Aportes de la psicología ante el Covid-19"	Oral Communication	On line	21-10-2020	I	1
4	Jiménez, Álvaro "Abordaje del Riesgo Suicida de Jóvenes a través del uso de Tecnologías"	II Congreso Iberoamericano de Salud Mental Digital	Round table	On line	10-11-2020	I	3
5	Morán, Javier, Claudia Miranda, Raffaella Carvacho, Anika De Nordenflycht, Javiera Huerta, Yvana Labbé, Victoria Placencia, Susana Prado "Estrés académicos y depresión en universitarios económicamente vulnerables: propuesta de un modelo condicional de la regulación emocional moderada por el género"	Congreso Virtual Sociedad Interamericana de Psicología "Aportes de la psicología ante el Covid-19"	Oral Communication	On line	21-10-2020	I	1
6	Crockett, Marcelo A. y V. Martínez "Síntomas depresivos, ideación suicida y consumo de sustancias en jóvenes LGBT+ en Chile"	LXXV Congreso Chileno de Neurología, Psiquiatría y Neurocirugía (SONEPSYN)	Oral Communication	Chile	21-11-2020	N	1
7	Montenegro, Cristián "Rethinking the relationship between health services and local communities: Towards "participativity"	Primer seminario: Sobre participación social en Salud Mental. Necesidad y Utopía. Escuela de Salud Pública, Facultad de Medicina, Universidad de Chile	Seminar	Chile	17-11-2020	N	4

8	Martínez P., Rojas G. "Nudos, acceso, determinantes psicosociales en el tratamiento de la depresión en APS", como parte del simposio "Tratamiento de la depresión en APS: Problemas y Perspectivas"	LXXV Congreso anual de SONEPSYN	Seminar	Chile	21-11-2020	N	4
9	Jiménez, Álvaro "Termómetro Social: estudio longitudinal de los impactos sociales, económicos y subjetivos de la pandemia COVID- 19 en Chile"	Jornada de investigación y políticas públicas en salud mental 2020: Pandemia y Salud Mental: evidencias emergentes y desafíos para las políticas públicas. MINSAL.	Oral Communication	Chile	10-10-2020	N	1
10	Capella, C., Azocar, E., Gómez, C., Albornoz, S., Pitron, D., Pizarro, R., Vega, M. & Rodríguez, L. "¿Se mantiene el cambio posterior a la psicoterapia? Un estudio mixto con niños/as y adolescentes que han asistido a psicoterapia por agresiones sexuales"	XXXVII Congreso SOPNIA	Oral Communication	Chile	08-10-2020	N	4
11	Capella, C., Azocar, E. & Gómez, C. "Trajectories of change in children and adolescents who have been sexually abused and attended psychotherapy"	6th International Congress of Clinical and Health Psychology in Children and Adolescents. Organizado por AITANA-UMH	Oral Communication	On line	18-11-2020	I	3
12	Capella, C., Azocar, E., Rodríguez, L. "Psychotherapeutic change in children and adolescents that have been sexually abused: a model from participants' perspectives"	6th International Congress of Clinical and Health Psychology in Children and Adolescents. AITANA-UMH	Oral Communication	On line	18-11-2020	I	3
13	Hernández, C., Behn, A., Cottin, M., Labbé, N., Núñez, C., Quevedo, Y., & Davanzo, A. "Encerrados y mirando el mundo desde una pantalla: Los efectos en salud mental de un uso problemático de internet durante la pandemia"	I congreso internacional de terapias cognitivo-conductuales (ICONTECC).	Oral Communication	Brazil	01-09-2020	I	1
14	de la Parra, G., Crempien Carla, Susana Morales, Antonia Errázuriz, Karina Zúñiga, Pablo Martínez, Catalina Aravena, & Teresa Ferrari. "Del avance de la ciencia a la calidad de vida" en Simposio: tratamiento de la depresión en APS: Programa de Entrenamiento en Competencias Psicoterapéuticas para el tratamiento en depresión en APS."	LXXV Congreso Chileno de Neurología, Psiquiatría y Neurocirugía (SONEPSYN)	Symposium	Chile	21-11-2020	N	3

15	Fernández, Olga “Miradas Clínicas en torno al duelo: Acompañamiento terapéutico del duelo”	I Conferencia Internacional de Psicología “Reflexiones y Desafíos en Tiempos Complejos: Nuevos Escenarios en Salud”. Clínica Psiquiátrica Universitaria U. de Chile	Oral Communication	Chile	06-11-2020	I	3
16	Costa, S. "Stress and metabolic goals in minimed 640g users in a multidisciplinary educational program in Chile: real life data".	13Th International Conference on Advanced Technologies & Treatments for Diabetes	Oral Communication	Spain	19-02-2020	I	1
17	Altimir, C. "Psicoterapia y Cambio: Red Latinoamericana de Investigacion en Psicoterapia". Presentacion en Panel Experiencias de Investigacion en Red.	Encuentro Latinoamericano de Investigación en Psicoterapia.	Seminar	Colombia	25-11-2020	I	3
18	Morales, S. "Del avance de la ciencia a la calidad de vida" en Simposio suicidio: prevención suicidio en personas mayores.	LXXV Congreso Chileno de Neurología, Psiquiatría y Neurocirugía (SONEPSYN)	Symposium	Chile	21-11-2020	N	2
19	Medeiros, S. "Using Mixed Methodologies to Explore Mechanisms of Action of Mindfulness practice according to individual vulnerability"	Summer School "Social Relationships and Health: Catching up with Research and Practice"	Conference	Chile	08-01-2020	I	1
20	Medeiros, S., A.Vasquez-Rosati, C. Crempien, N.Kohen, C. Pérez, P. Nitsche, M. Pacheco, A. Behn “Acknowledging Vulnerability in Contemplative Research: Clinical and Phenomenological Perspectives”.	Contemplative Research Conference - Mind & Life Institute.	Panel	On line	05-11-2020	I	1
21	Escobar, K., Dagnino, P., & Anguita, V. "Efectos psicológicos de la incertidumbre en personas que están en aislamiento social por COVID-19 en Santiago, Chile."	I Congreso Internacional de Psicología, Universidad de la Cuenca del Plata	Oral Communication	Argentina	01-10-2020	I	1
22	de la Parra, G. "Psychotherapy, social contexts and interpersonal relationships: challenges for individual psychotherapy".	Summer School "Social Relationships and Health: Catching up with Research and Practice"	Conference	Chile	07-01-2020	I	3
23	Dagnino, P., Calderón, A., de la Cruz, R., Alvez D., Gloger, S., de la Parra, G. "Profiles of Depression: Using Machine Learning to Grasp Heterogeneity"	14th International Treatment of Personality Disorders Conference	Poster	Australia	07-09-2020	I	1

24	Medeiros, S. "Explorando Mecanismos de Acción de la Práctica Mindfulness".	Coloquio Doctorado de Ciencias del Desarrollo y Psicopatología (DCDP) - Universidad del Desarrollo.	Oral Communication	Chile	08-06-2020	N	2
25	Morales, F., Dagnino, P., Escobar, K., & Ugarte, M. "Impacto de la autocritica y dependencia entre el funcionamiento de la personalidad y apego adulto".	I Congreso Internacional de Psicología, Universidad de la Cuenca del Plata	Oral Communication	Argentina	01-10-2020	I	1
26	Dagnino, P., Calderón, A., de la Cruz, R., Gloger, S "Perfiles de Depresión: identificando la heterogeneidad.	I Congreso Internacional de Psicología, Universidad de la Cuenca del Plata	Oral Communication	Argentina	01-10-2020	I	3
27	de la Parra, G. "Psicoterapia de la depresión y depresión compleja en Atención Primaria de Salud (APS): propuesta de un modelo"	Compartiendo experiencias de la clínica con los maestros. Centro de Intervenciones Psicoanalíticas Focalizadas	Conference	Uruguay	28-08-2020	I	3
28	de la Parra, G. "Propuesta para una psicoterapia efectiva en atención primaria para la Depresión: un modelo basado en la experiencia y la evidencia empírica"	1er Encuentro Internacional de Habilidades Socioemocionales: el desarrollo y la colaboración en un mundo hiperconectado	Conference	Chile	30-09-2020	I	3
29	Jiménez, J.P. "El paradigma emergente en investigación en salud mental"	Compartiendo experiencias de la clínica con los maestros. Centro de Intervenciones Psicoanalíticas Focalizadas	Conference	Uruguay	04-09-2020	I	1
30	Capella, C. "El uso de los dibujos como metodologías cualitativas y participativas en investigación en psicoterapia con niños y niñas"	Encuentro Latinoamericano de Investigación en Psicoterapia.	Seminar	Colombia	25-11-2020	I	3
31	Langer, A. "Red de trabajo internacional en Mindfulness"	Encuentro Latinoamericano de Investigación en Psicoterapia.	Seminar	Colombia	25-11-2020	I	2
32	de la Parra, G. "Herramientas y Competencias para la Psicoterapia de la Depresión en APS"	Octava Sesión de Educación Médica Continua, Sociedad Chilena de Trastornos Bipolares, SOCHITAB	Conference	Chile	21-10-2020	N	3
33	de la Parra, G., Errázuriz A., Zuñiga AK. "Modelo de Psicoterapia para la Depresión en Atención Primaria: validación de un protocolo y aceptabilidad."	Encuentro Latinoamericano de Investigación en Psicoterapia.	Seminar	Colombia	25-11-2020	I	3
34	de la Parra, G. "El diagnóstico Psicodinámico Operacionalizado (OPD-2): una herramienta para la clínica, la supervisión y la investigación".	Aula Serviço de Psiquiatria do Hospital de Clinicas de Porto Alegre, Departamento de	Conference	Brazil	11-11-2020	N	3

		Psiquiatria Universidade Federal do Rio Grande do Sul					
35	de la Parra, G. "Depression and Personality. Serie de Libros Springer"	La importancia de la Investigación y publicación en Salud Mental para los ODS en América Latina. Editorial Springer Nature	Seminar	On line	01-12-2020	I	1
36	Juárez, J., N. Sánchez, A. Muzard, M.J. Mardóñez, P. Franco, F. Barrera, H. González, M. Olhaberry, M. Gaete. "Psychology of craniofacial development"	Gordon Research Conference on Craniofacial Morphogenesis & Tissue Regeneration.	Conference	Italy	24-02-2020	I	1
37	Olhaberry, M. "Duelo en niños, niñas y adolescentes en tiempos de COVID-19"	Seminario "Duelo, vínculo y pandemia". Programa de Magíster en Psicología Clínica, Escuela de Psicología, Pontificia Universidad Católica de Chile	Seminar	Chile	15-07-2020	N	2
38	Olhaberry, M. "Parentalidad Temprana y COVID-19: cambios, desafíos y aprendizajes".	Congreso Virtual de la Sociedad Interamericana de Psicología	Round table	On line	23-10-2020	I	2
39	Sieversen, C., M. Romero, M. Olhaberry. "Embarazo y periparto en tiempos COVID-19"	Congreso Virtual Sociedad Interamericana de Psicología	Oral Communication	On line	23-10-2020	I	1
40	Olhaberry, M., P. Franco, J. Morán, T. Tagle y A. Muzard. "Parentalidad temprana y cambios asociados al COVID-19: efectos diferenciales según ingresos y calidad de vida".	Congreso Virtual Sociedad Interamericana de Psicología	Oral Communication	On line	23-10-2020	I	1
41	Iribarren, D., F. Díaz, C. Honorato, M. Olhaberry. "Dificultades, desafíos y aprendizajes en la crianza temprana en tiempos de COVID-19".	Congreso Virtual Sociedad Interamericana de Psicología	Oral Communication	On line	23-10-2020	I	2
42	Rosell, J. & Vergés, A. "The Relationship Between Social Participation and Internet Addiction in Older Persons"	International Conference on Human-Computer Interaction (HCII 2020)	Oral Communication	On line	19-07-2020	I	1
43	Espinosa, H.D. "Implementación de Intervenciones basadas en Internet con Poblaciones Vulnerables" en Panel Tecnologías en psicoterapia: intervenciones basadas en internet	Congreso internacional en Salud Mental Digital #CSMD20	Symposium	On line	13-08-2020	I	3
44	Martínez, V. y A. Jiménez "Abordaje del riesgo suicida de jóvenes a través del uso de tecnologías" en Panel	Congreso internacional en Salud Mental Digital #CSMD20	Symposium	On line	13-08-2020	I	3



	Tecnologías en psicoterapia: intervenciones basadas en internet						
45	Pérez, JC. "Intervenciones “no tradicionales” promotoras del auto-cuidado en salud en personas con Diabetes & Pre-diabetes: Aprendizajes para la e-salud".	“Telecuidados y teleeducación en salud: como estrategia de atención primaria”. Universidad de Panamá	Workshop	Panama	08-10-2020	I	4
46	Olhaberry, M. y C. Álvarez "Nuevos desafíos en la Atención Psicológica online con niñas, niños, adolescentes y sus familias: Herramientas, Consideraciones Éticas y Autocuidado del terapeuta".	Ciclo de charlas virtuales Escuela de Psicología Pontificia Universidad Católica de Chile	Conference	Chile	18-05-2020	N	3
47	Rivera, D. "Psychotherapy, social contexts and interpersonal relationships: challenges for family and couple's therapy"	Summer School "Social Relationships and Health: Catching up with Research and Practice"	Conference	Chile	06-01-2020	I	3
48	Behn, A. "Experiencias de investigación en red"	Encuentro Latinoamericano de Investigación en Psicoterapia.	Seminar	Colombia	25-11-2020	I	1
49	Ríos, U., J. Morán, R. González, J. Hermosilla, P. Moya, J.P. Jiménez. "Resiliencia y sensibilidad diferenciada en el Trastorno Bipolar: interacción entre el gen de receptor de oxitocina, sub-tipos de abuso infantil y cognición social"	LXXV Congreso Chileno de Neurología, Psiquiatría y Neurocirugía (SONEPSYN)	Oral Communication	Chile	21-11-2020	N	1
50	Pérez, J.C. "Efectividad de una intervención vía Internet para el tratamiento de la depresión en pacientes adultos en Chile"	Seminario Internacional y mesa redonda “Intervenciones vías Internet para el tratamiento de problemas de salud mental”	Seminar	Chile	28-01-2020	I	3
51	Panel: Depression and disease as responses to social distress	Summer School "Social Relationships and Health: Catching up with Research and Practice"	Panel	Chile	06-01-2020	I	1
52	Krause, M. "Bonds with others: basis of our personal and social well-being"	Summer School "Social Relationships and Health: Catching up with Research and Practice"	Conference	Chile	08-01-2020	I	1
53	Dagnino, P. "From social outburst to COVID: Chile's crises impact on mental health".	Virtual conference “The Psychology of Global Crises: State Surveillance, Solidarity and Everyday Life”	Conference	France	25-05-2020	I	1

54	Rojas, G. "Uso de la tecnología en la atención psiquiátrica"	Seminarios COLMED: Jornada "Telepsiquiatría en tiempos de pandemia"	Seminar	Chile	19-05-2020	N	3
55	Santelices, P. "Programa SaludableMente"	Seminarios COLMED: Jornada "Telepsiquiatría en tiempos de pandemia"	Seminar	Chile	19-05-2020	N	4
56	Irarrázaval, M. Comentarios sobre la Jornada	Seminarios COLMED: Jornada "Telepsiquiatría en tiempos de pandemia"	Seminar	Chile	19-05-2020	N	4

**APPENDIX IV: Editorial boards**

<b>N°</b>	<b>Name of the Journal</b>	<b>Category</b>	<b>Member(s) of the board</b>	<b>Starting year</b>
1	Psychotherapy Research	ISI/WOS or Similar to ISI/WOS standard	Mariane Krause	2014
2	Revista Chilena de Neuropsicología	Other	Diego Cosmelli Sergio Gloger Jaime Silva	2014
3	Gaceta de Psiquiatría Universitaria (GPU)	Other	Guillermo de la Parra Juan Pablo Jiménez Jaime Silva Felipe Martínez	2014
4	Drug Metabolism and Personalizes Therapy	ISI/WOS or Similar to ISI/WOS standard	Luis Salazar	2016
5	Brazilian Journal of Pharmaceutical Sciences	ISI/WOS or Similar to ISI/WOS standard	Luis Salazar	2016
6	Frontiers in Psychology	ISI/WOS or Similar to ISI/WOS standard	Alemka Tomicic	2015
7	Revista Chilena de Psiquiatría y Neurología de la Infancia y la Adolescencia	Latindex	Matías Irrarrázaval	2014
8	Journal of Studies on Alcohol and Drugs	ISI/WOS or Similar to ISI/WOS standard	Álvaro Vergés	2016
9	Clinica Chimica Acta	ISI/WOS or Similar to ISI/WOS standard	Luis Salazar	2014
10	Journal of Clinical Psychology	ISI/WOS or Similar to ISI/WOS standard	Pamela Foelsch	2017
11	Critical Public Health	ISI/WOS or Similar to ISI/WOS standard	Cristian Montenegro	2018
12	Journal of Personality Disorders	ISI/WOS or Similar to ISI/WOS standard	Pamela Foelsch	2017
13	Revista Estudios de Psicología	ISI/WOS or Similar to ISI/WOS standard	Nelson Valdés	2017

14	Revista Argentina de Clínica Psicológica	Latindex	Guillermo de la Parra	2014
15	Revista de Psicología Universidad de Chile	ISI/WOS or Similar to ISI/WOS standard	Mariane Krause	2014
16	Terapia Psicológica	ISI/WOS or Similar to ISI/WOS standard	Mariane Krause Jaime Silva	2014
17	Psychology, Society, & Education	ISI/WOS or Similar to ISI/WOS standard	Álvaro Langer	2015
18	Revista Brasileira de Psiquiatria	ISI/WOS or Similar to ISI/WOS standard	Susana Morales	2018
19	Killkana Salud, Revista	Latindex	Susana Morales	2018
20	Revista Médica de Chile	ISI/WOS or Similar to ISI/WOS standard	Susana Morales	2017
21	Somatosphere: Medicine, Culture, Anthropology	Other	Cristian Montenegro	2018
22	Psychotherapy Research	ISI/WOS or Similar to ISI/WOS standard	Carolina Altimir	2017
23	Revista Summa Psicológica	Lilcas, PePSIC, Latindex	Susana Morales	2020
24	Gaceta de Psiquiatria Universitaria (GPU)	Other	Alberto Botto	2017
25	Pharmaceutics / Topic Editor	ISI/WOS or Similar to ISI/WOS standard	Luis Salazar	2020
26	Terapia Psicológica	ISI/WOS or Similar to ISI/WOS standard	Susana Morales	2020
27	Psykhe	ISI/WOS or Similar to ISI/WOS standard	Susana Morales	2019
28	Revista Castalia, Universidad Academia de Humanismo Cristiano	Latindex	Alvaro Jiménez	2019

**APPENDIX V: Students graduated in 2020**

N°	Student	Obtained degree	Thesis' name	Line of Research	Date
1	Ulises Ríos Díaz	Doctoral	Evaluation of a model of gene-environment interaction in patients with bipolar disorder type I in euthymia: association between childhood trauma and social cognition, and moderation of genetic polymorphisms	L1: Basic bio-psycho-social structures and processes	28-09-2020
2	Diana Gómez Gallo	Doctoral	Longitudinal study of the relationship between parental interactions and the development of socio-emotional skills in children at 12 and 30 months of age, considering the child's temperament	L 2: Health promotion and psychosocial prevention	18-06-2020
3	Marcela Osorio Thomas	Master	Initial Development of a Transference Focused Psychotherapy – Informed Rating Scale to evaluate the establishment of therapeutic contracts for patients with personality disorders	L 3: Psychotherapeutic interventions and change processes	06-01-2020
4	Carla Horta Jara	Master	Therapeutic Alliance: How Much Does the Child's Diagnosis, Clinical Symptomatology and Gender Influence the Relationship with the Therapist?	L 3: Psychotherapeutic interventions and change processes	15-05-2020
5	Constanza Andrea García	Master	Caregiver-therapist alliance: To what extent do the child's diagnosis and symptomatology explain this relationship?	L 3: Psychotherapeutic interventions and change processes	15-05-2020
6	Josefa Goic Ziegele	Master	Therapeutic alliance in child psychotherapy: To what extent do the therapist's years of experience, the child's sex and age explain the quality of the initial alliance between therapists and children attending psychotherapy?	L 3: Psychotherapeutic interventions and change processes	15-05-2020
7	María Jesús Arias	Master	Acceptability and feasibility study of a reliable diagnostic assessment protocol in a mental health unit.	L 3: Psychotherapeutic interventions and change processes	02-12-2020