



Department of Psychiatry

SCHOOL OF MEDICINE

UNIVERSITY OF COLORADO **ANSCHUTZ MEDICAL CAMPUS**

Year in Review 2019



Department of Psychiatry

SCHOOL OF MEDICINE

UNIVERSITY OF COLORADO **ANSCHUTZ MEDICAL CAMPUS**



BRAIN HEALTH for all, for life.



BRAIN HEALTH for all, for life.



Table of Contents

I. Introduction.....Page 1

II. Clinical Care.....Page 2

III. TrainingPage 6

IV. Research.....Page 8

V. Community Outreach.....Page 11

VI. Our fun side.....Page 16

VII. Appendix.....Page 16

A LETTER FROM THE CHAIR

Dear Colleagues,

Welcome to the 2019 Annual Year in Review for the Department of Psychiatry at the University of Colorado, Anschutz Medical Campus. The close of year marks my first full year as Chair and I could not be more proud to lead such an incredible group of faculty and staff. In many ways, 2019 was a year of growth for our department as we recruited new faculty and increased our publications, clinical revenue, awards and philanthropic gifts.

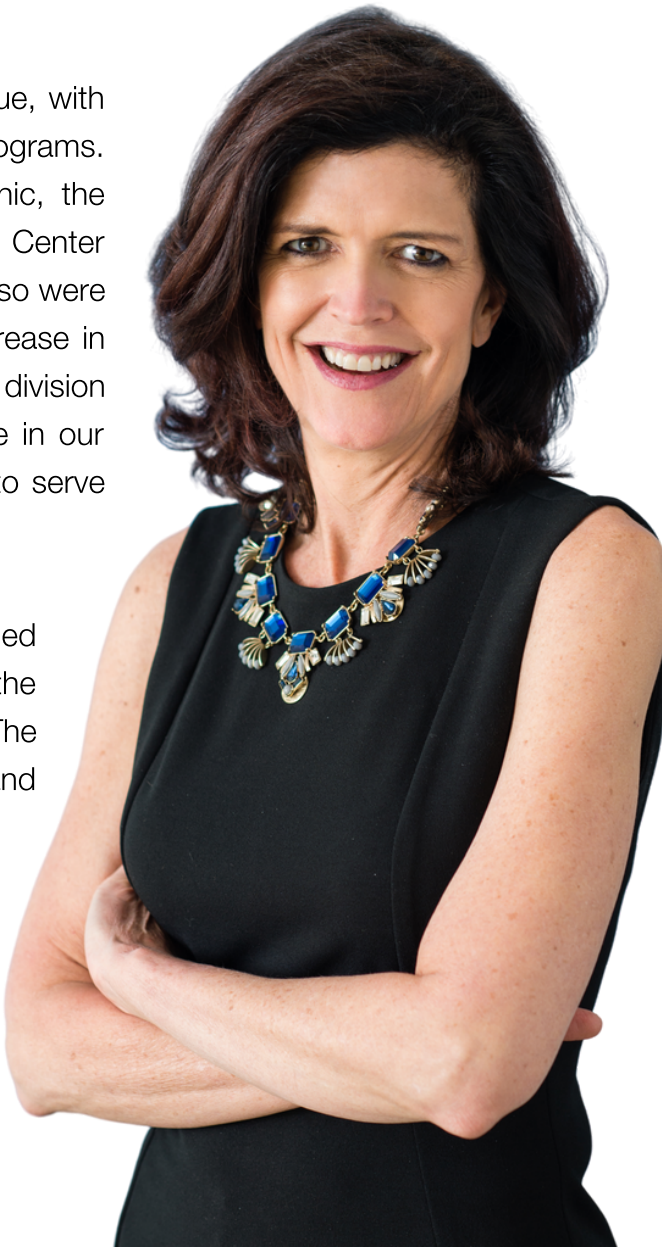
In the past 12 months we have recruited 180 new team members, 54 of them being faculty positions. This increase has also lead to a 100% increase in our grants and contracts, rising from \$6.5 million in 2018 to \$13.3 million in 2019. Some of our most notable awards include R01s for Joe Schacht, Mark Laudenslager and Kristina Legget as well as an R21 for Joel Stoddard and Jarrod Ellingson's K award.

Adding to our faculty also lead to an increase in clinical revenue, with 106% growth in our faculty practice and specialty outpatient programs. We enhanced many existing programs include the OCD Clinic, the Stress, Trauma, Adversity Research, and Treatment (START) Center and the Colorado Center for Women's Behavioral Health. We also were also to better serve our students on campus with a 26% increase in the Student and Resident Mental Health Center. Our Child division continued to grow as a major provider of child mental service in our region and expended services to many off-campus locations to serve even more Coloradans in need.

I look with excitement to the future knowing that I'm surrounded by caring, driven individuals who constantly work to improve the lives of those around us. All I can say is," Look out!" The Department of Psychiatry has so much to give and share, and we're not stopping anytime soon!

C. Neill Epperson, M.D.

C. Neill Epperson, M.D.
Robert Freedman Endowed Chair and Professor
Department of Psychiatry | CU School of Medicine



Departmental Structure

The CU Department of Psychiatry sets the standard for Education and Training of leaders in psychiatry and mental health care, conducts ground-breaking Research that aims to eradicate suffering due to psychiatric and substance use disorders, provides ready access to state of-the-art mental health preventions and interventions across the continuum of care, and collaborates with the community and other key stakeholders to promote well-being among all Coloradans. We accomplish this vision in a manner that respects, values and advocates for the dignity and worth of each individual and family.

To best serve this mission, each of the five divisions within the Department of Psychiatry strives toward a shared goal of providing excellence in three primary disciplines: Education & Training, Psychology, and Telepsychiatry. Structure, division, and leadership is pictured below.

NEILL EPPERSON, DEPARTMENT CHAIR		
MELISSA SINCLAIR, DIRECTOR OF FINANCE & DEPARTMENT ADMINISTRATOR		
EDUCATION & TRAINING Robert Davies, Vice Chancellor	PSYCHOLOGY Bruno Anthony, Vice Chancellor	TELEPSYCHIATRY Jay Shore, Director
CHILD/ADOLESCENT PSYCHIATRY Douglas Novins, Division Chair		
ADULT PSYCHIATRY Rachel Davis, Division Chair		
ADDICTION SCIENCES, PREVENTION, & TREATMENT Paula Riggs, Division Chair		
INTERDISCIPLINARY NEUROSCIENCE Amanda Law, Division Chair		
POPULATION AND COMMUNITY PSYCHIATRY Bruno Anthony, Interim Division Chair		

Clinical Care

Our clinical care programs strive to provide world-class behavioral healthcare to our patients across all races, religions, genders and creeds. The Department of Psychiatry welcomed the creation and expansion of many of our clinical care service lines in 2019. Continue reading to learn more about a selection of these programs.

UCHealth Dedicated More than \$100 Million for Behavioral Health Care

UCHealth announced a significant investment that will bolster behavioral health care for patients throughout our state. With an infusion of \$100 million and an additional \$25 million in matching funds, UCHealth will ensure that behavioral health therapists and psychiatrists are an integral part of the patient care experience. By building out its intensive outpatient, preventive and telehealth services, the health system will be able to better serve more individuals in Colorado, the Rocky Mountain region and beyond.

This forward-looking investment by UCHealth complements the efforts of CU Anschutz and Children's Colorado to address mental health needs. Last fall, Children's Colorado teamed with our Department of Psychiatry to launch Partners for Children's Mental Health (PCMH), a statewide network of individuals, organizations and agencies committed to helping kids get the right mental health, at the right time, within their own community.

Taken in combination with the efforts of so many units of the university – including the Department of Psychiatry, the National Mental Health Innovation Center, the Helen and Arthur E. Johnson Depression Center – we are making progress toward reducing the harmful stigma that too-often keeps those in need of quality mental health care from seeking it.

Our faculty have the expertise and resources to make a transformative impact on people's lives. Together with our clinical partners, we will accelerate the pace of change in behavioral health care, and bring high-quality, integrated care to more of the millions of patients cared for each year.

uchealth

The Addiction Research and Treatment Services (ARTS)

The Addiction Research and Treatment Services (ARTS) is one of the largest substance use disorder treatment providers in Colorado. ARTS is the clinical program of the Division of Addiction Science, Prevention, and Treatment in the Department of Psychiatry at the University of Colorado, School of Medicine providing treatment for substance use and co-occurring mental health disorders for populations in need, including individuals experiencing homelessness, living with a disability and/or chronic illness, involved in the criminal justice system, women with dependent children, pregnant women, and intravenous drug users. ARTS also serves as a training site for Preventative Medicine Residents, Psychiatry Residents, Addiction Medicine Fellows, Addiction Psychiatry Fellows, medical students, and social work and counseling interns.

Adult Outpatient Program

The ARTS Adult Outpatient program has provided substance use disorder treatment services to individuals living in the Denver Metro area since 1971. Adult Outpatient offers an array of evidence-based practices designed to motivate individuals with substance use disorders to initiate positive steps toward recovery.

In 2019 ARTS AOP received funding from several different sources to further its treatment mission including a UPL grant, funds to support collaboration with local ERs, Colorado Senate Bill 202 renewal funds, and State Opioid Response (SOR) and Signal Behavioral Network funding. ARTS Adults Outpatient also continued as the main substance use disorder treatment site for Ryan White Part A patients living with HIV/AIDS, continued its partnership with the City and County of Denver, Denver police department and District of Attorney's office as the sole MAT treatment provider in Denver to implement the LEAD/SUN grant, and continued its collaboration with Kaiser Permanente and the Veterans Affairs Medical Center as the sole MAT provider for their patients with an Opioid Use Disorder (OUD). In addition, AOP continues to serve as an active participant in Colorado's Hub and Spoke model, which is part of the Medication Assisted Treatment – Prescription Drug and Opioid Addiction (MAT-PDOA) grant from SAMHSA and managed by the Office of Behavioral Health. AOP also received hundreds of Naloxone kits from Signal Behavioral Health Network for distribution to clients and their loved ones.

Peer I/Outpatient Therapeutic Community (OTC)

For over 40 years, Peer I has been serving adult males referred from the criminal justice system, and over this period the organization has achieved and sustained a national reputation for the effectiveness of these services. These services are grounded in promising and evidence-based practices. Peer I addresses substance use disorders, criminal behavior, co-occurring mental health disorders, and the multiple other areas of life functioning that are affected by addiction. The primary goal of the OTC is to foster and support a positive reintegration into the community. The OTC program also assists clients with housing as they transition to the community.

Highlights in 2019 include the beginning of a new partnership with the Division of Criminal Justice, Evidence-based Practices Implementation for Capacity (EPIC) Resource Center to support, train and coach their staff on Motivational Interviewing (MI); a renewal grant from the Colorado Health Foundation to offer case management services, such as vocational, education, housing support, financial services, etc. to their clients; and new Senate Bill 202 funding to help provide housing support for OTC individuals in recovery.

Synergy Outpatient Services

Synergy is the adolescent component of Addiction Research and Treatment Services. Synergy has provided substance use disorder treatment to adolescents since 1978. Synergy serves adolescents with substance use, conduct, and other co-occurring psychiatric disorders. Synergy Outpatient Services offers traditional outpatient services and evidence-based practices provided in the home and/or community.

Notable in 2019 was the receipt of a UPL grant to expand access to Multisystemic Therapy (MST) with the Substance Use Adaptation (SA) to at-risk youth. In 2019 Synergy received SOR funds to implement CRAFT (Community Reinforcement and Family Training) groups, an evidence-based model designed to help families who have a loved one struggling with a substance use disorder. Synergy also received continued funding through Signal Behavioral Health Network to enhance the intensity of services for adolescents who are at very high risk of out-of-home placement and Forfeiture Funds from the 17th Judicial System to serve adolescents with substance use disorders who do not have other sources of funding for treatment.

Vroom Initiative

Child Health Clinic, Children's Hospital Colorado

The Vroom Initiative uses a multi-modal approach to integrate early childhood and positive parenting messages in the Child Health Clinic at Children's Hospital Colorado. The goal is to promote young child and family well-being and positive caregiver relationships and brain-building within the healthcare setting. Led by Department of Psychiatry faculty Melissa Buchholz PhD, Lisa Costello PhD, Ayelet Talmi PhD, and Catherine Wolcott PhD, the Vroom team successfully designed, developed, and installed over 40 Vroom wall murals, messages, and interactive boards in both English and Spanish for the Child Health Clinic waiting room, intake stations, exam rooms, and staff lounge, located at the Health Pavilion, Children's Hospital Colorado. The design, development, and installation were planned and executed in time for the October 2019 move to the Health Pavilion. They also introduced all Child Health Clinic staff to Vroom content and the clinical integration of Vroom into our existing early childhood services. In 2019, Vroom was also able to provide wellness resources (diapers, wipes, food, gift cards) to families being seen in the Child Health Clinic – 878 families received 956 bags with Vroom messaging.



Warm Connections

The Warm Connections program, partnered with the Women, Infant and Children (WIC) clinics, offers free-of-charge behavioral health support to low-income families. Under the guidance of Warm Connections Director Dr. Karen Frankel, Warm Connections Specialists provide support with addressing practical needs (housing referrals, childcare), behavioral interventions for children, linkage to support groups, and brief behavioral health counseling. In 2019, postdoctoral fellows from the Harris Program in Child Development and Infant Mental Health started serving as Warm Connections Specialists and were able to provide nearly 600 consults to families struggling with behavioral and mental health challenges. Warm Connections Specialists also provided reflective support and/or training to over 130 WIC clinic staff. Warm Connections partnered with Aurora Community Mental Health Center to place a social worker at the Aurora South WIC clinic and also launched a program wide, comprehensive new tracking system to capture all clinical work. The program received full funding through Upper Payment Limit funds.



Healthy Expectations

The Healthy Expectations Perinatal Mental Health Program is dedicated to providing the best care for mothers, their babies and the mother-infant relationship in the setting of pregnancy and postpartum mood and anxiety disorders. Our services also moved to the Health Pavilion to better meet the needs of families receiving care to address all areas of health, wellness, resources and social/emotional supports in one location. Members of our faculty (Dardar, Paul, St. John-Larkin, Carter) also joined with the Population Health/CHAI at CHCO to participate in the Black Health Initiative to address disparities in maternal and infant mortality and mental health.

HealthySteps

In 2019, HealthySteps was expanded to include the Special Care Clinic and is now integrated into all three primary care clinics at Children's Hospital Colorado and 15 clinics statewide. A strategic scaling plan for HealthySteps was developed that focuses on both urban and rural expansion in Colorado. The goal is for a quarter of Colorado's young children to be served by this evidence-based model over the next five years. The need for comprehensive, high quality primary care for young children and families is necessary now more than ever, and HealthySteps equips primary care clinics with the tools necessary to accomplish this goal.

Consultation and Liaison In Mental Health and Behavior (CLIMB)

The Consultation and Liaison In Mental Health and Behavior (CLIMB) Team provides behavioral health services to pediatric patients that is integrated with the patient’s primary care medical home. Their mission is to create and provide primary behavioral health care to pediatric patients at the Child Health Clinic, Young Mother’s Clinic, and the Special Care Clinic. CLIMB’s services and programs include prevention and health promotion, screening and identification, triage, consultation, and intervention around developmental, behavioral, and mental health issues that arise in primary care visits. The CLIMB Team is comprised of psychologists, psychiatrists, a behavioral health clinician, a developmental and behavioral pediatrician, a behavioral health navigator, psychology postdoctoral fellows, child psychiatry fellows, psychology interns, and psychology externs as well as a project coordinator and research assistant. Through program development, direct services, training efforts, evaluation and research, they are creating access to and delivering high quality, equitable care and disseminating our work statewide and nationally.

In 2019 the CLIMB team,

- Provided 2,701 consultations and services to 1,576 unique patients seen in the Child Health Clinic
- Conducted 6,069 developmental screenings and more than 3,130 pregnancy related depression screenings
- Psychosocial screening implementation resulted in nearly 14,280 completed screeners
- Received UPL funding for integrated behavioral health services and HealthySteps in the Child Health Clinic, Special Care Clinic, and Young Mothers Clinic



The new “Health Pavilion” builds bridges to the Aurora community

The separation between an academic medical center and the community in which it is located often is wider than it should be. Thus we were excited to expand our services to Children’s Hospital Colorado’s new Health Pavilion, which was designed to specifically serve the children and families of Aurora. Through this expansion, the Child and Adolescent Mental Health Division continues to provide integrated mental health services in the child health clinic through the Project CLIMB (see page XX). We have also opened a specialty mental health service operated by our Pediatric Mental Health Institute with the specific goal of serving children from our primary care clinics who need more intensive services than we are able to provide through the Division’s integrated care program. Healthy Expectations, which is a perinatal mental health program within the Division, also moved to the Health Pavilion, taking advantage of the flexible community space and ancillary services available there. Various faculty members and administrators in the Division including Ayelet Talmi, Celeste St. John-Larkin, Jennifer Paul, Jessica Hawks, Marissa Schiel, and Christine Hodges were instrumental in turning the Health Pavilion from an idea into a reality!



Fundraising for a better home for our core clinical, research, and training programs

In 2019, we closed out on a \$22 million capital campaign to redesign the Gary Pavilion, the primary academic home of the Child and Adolescent Mental Health Division and part of the Children’s Hospital complex on the Anschutz Medical Campus. The Gary Pavilion opened in 2007 with 45 academic faculty and an additional 200 team members providing services, teaching, and conducting research. These numbers had grown to over 70 and 400, respectively, by the end of 2019. Our clinical services have also expanded. For example, in 2019 our Gary Pavilion outpatient clinic served over three times the number of patients we saw when the building opened. In addition, the shortening length of stays on our inpatient services has increased the need to more intensively engage families in their children’s inpatient care and to provide partial hospitalization services as a bridge between inpatient and traditional outpatient care. While we have made improvements in the Gary Pavilion over the last five years, there is now a substantial need to further transform our space to accommodate our growth and shift in clinical models. The funds raised have been designated to expand our general psychiatric and neurodevelopmental inpatient capacity and to create more space to accommodate family and multi-family clinical services. This architectural design would allow parents to stay overnight with their children during inpatient treatment. Another exciting plan is to convert the entire third floor of the building from an empty shell to one that houses the expanded services of the general and eating disorders partial hospitalization programs. Given our fundraising success in 2019, we expect to begin construction in June 2020. This fundraising was made possible by the combined efforts of faculty members of the Division (Douglas Novins, Sandy Fritsch, Bruno Anthony) and hospital administrators (Shannon van Deman, and Jason Williams).



The Haven and Baby Haven

Founded in 1992, the Haven was the first program in Colorado to accept infants into residence while their mothers received substance use disorder treatment, keeping children out of the foster care system. The Haven operates two residential treatment programs on the Fort Logan campus and provides evidence-based, gender responsive programming. The Haven provides treatment for high-risk women and addresses substance use, mental health, legal, educational, vocational, social and family relationships, and housing issues. The Baby Haven provides Colorado Shines Level 5 childcare, early childhood education, child assessment and connection to early intervention services for Haven families. It ranks in the top 10% of childcare providers in the state and top 3% of providers in Denver.

The Haven continued to receive funding from the State Opioid Response (SOR) grant to implement the Incredible Years (IY) curriculum, an evidence-based parenting education program. The Haven also received funds from Signal Behavioral Health Network to produce a polished two-minute video that will run on a loop several times a day in two prison settings. New partnerships with University of Denver's (DU) Professional Psychology graduate student program, Early Childhood Ventures to become a new Early Head Start site, and the Division of Criminal Justice, Evidence-based Practices Implementation for Capacity (EPIC) Resource Center (EPIC) were also developed in 2019. Several foundations also provided funding in 2019, including the Anschutz Family Foundation and Anschutz Foundation to support treatment scholarships to help subsidize the cost of treatment for Haven clients; and the Rose Community Foundation, Temple Hoyne Buell Foundation, LAARK Foundation and Mile High United Way provided general operating support for the Baby Haven. Finally, after securing capital funding from Buell Foundation, Qualistar, City Wide Roofing and individual donors, the Baby Haven successfully repaired and updated the infant/toddler and preschool playgrounds.



Telemedicine Program

The Department of Psychiatry's Telemedicine Programming Officially started with the mission to develop world-class telemedicine programming to improve access to high quality psychiatric care for patients, their families and communities in the greater Rocky Mountain Region. Under the leadership of Dr. Jay Shore, there were a number of efforts in 2019 that supported the creation of the Telemedicine Programming. Strategic planning with Dr. Neill Epperson led to the establishment of the overall goals, vision and structure for the Telemedicine Programming, so named to indicate its function to span and serve all the programs, divisions and services affiliated with the Department. Additional discussions with key Department partners such as the University of Colorado Hospital were undertaken to enhance and build opportunities for collaboration. Partnerships with the Johnson Depression Center and the Department of Family Medicine led to the successful application and awarding in 2020 of an ambitious UPL Grant to fully integrate all 7 outpatient Family Medicine services to make behavioral health services available to the 60, 000+ enrolled patients.



University Hospital Emergency Department

The Department of Emergency Medicine has been committed to improving the care of patients with behavioral health conditions and has increasingly partnered with the Department of Psychiatry to do that. The UCH Emergency Department (ED) is among the busiest and most efficient academic departments in the country with mental health and substance abuse problems affecting 18% of ED visitors. These patients disproportionately account for long stays, repeat visits, admissions, and transfers. However, a small fraction have historically received attention for their behavioral health problems. Beginning in 2018, DOP began to add staff and in 2019, coverage by psychiatrists was extended to 12 hours, 7 days a week. Finally, in October 2019, the new 9 bed Clinical Decision Unit 2 (CDU2) was opened. Although this unit has controlled egress and additional staff including techs and security personnel, it is possibly unique in that, rather than being a distinct psychiatric unit, it has remained a part of the ED. Rooms have “garage doors” to secure medical equipment, but the explicit goal is that there be no difference between the main ED and CDU2 in the care available there. Patients remain under the care of an emergency physician but also have social workers, masters-prepared behavioral health evaluators, and psychiatrists available. By the end of 2019, 13 psychiatrists and 4 nurse practitioners from the DOP had been deployed there and collectively they saw 1372 cases or approximately 8 cases per 12 hour shift. Goals include improved diagnostic evaluation and more timely, specific treatment in hopes of reducing admission rates and recidivism.



(Left to Right): Joel Becker, Brian Emrich, Debbi Beyers, Dan Roy, Michael Allen, Andrew Novick, April Koehler



Women's Behavioral Health and Service Line

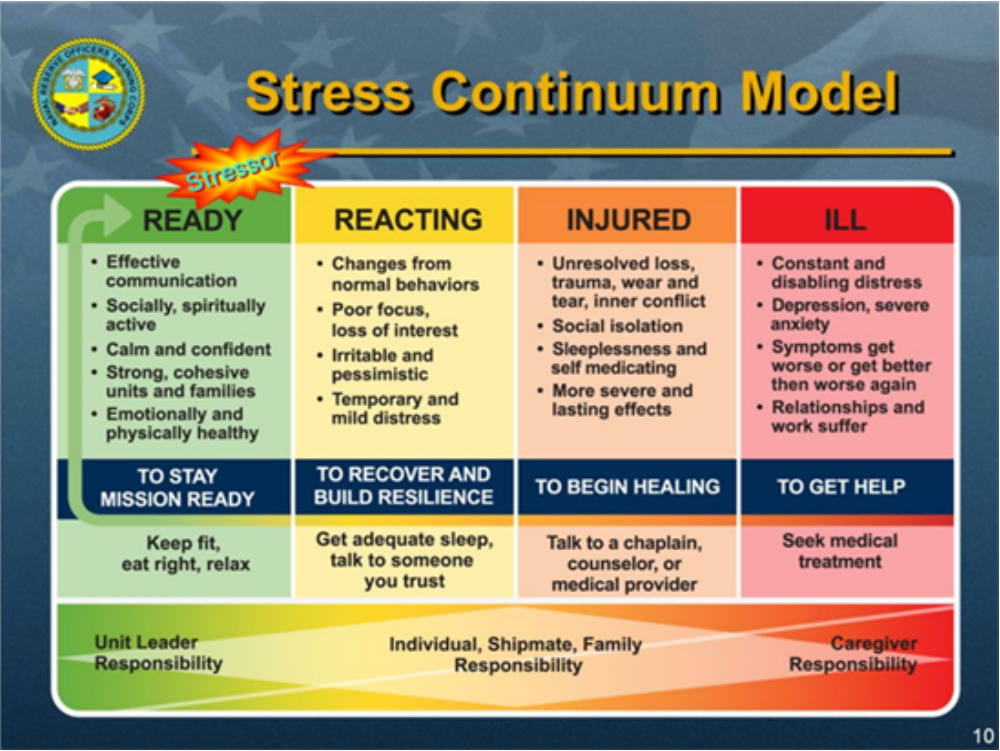
The Department of Psychiatry's Women's Behavioral Health and Wellness (WBHW) Service Line was launched in 2019 as part of the Colorado Center for Women's Behavioral Health and Wellness. Our goal is to provide personalized, evidenced-based behavioral health care for women across the lifespan. Our WBHW team includes psychiatrists and psychologists with expertise in treating women at times of reproductive and other transitions. Working collaboratively with primary care providers and specialists, we offer consultative services and short-term behavioral health care for women from diverse communities and backgrounds with physical, mental health and psychosocial concerns. In our first year, we established the Women's Behavioral Health Outpatient Service within the Department's Faculty Practice Plan. We also partnered with the Department of Obstetrics and Gynecology to establish the Women's Sexual Health Consult Service. At the end of 2019, our WBHW program also secured major UPL funding for an interdepartmental initiative to integrate behavioral health services within UC Hospital, UC Health and CU Medicine women's health settings in the Denver region with plans to start in 2020 and 2021. This clinical program was launched in early 2020 with four components: integrated behavioral health services, telepsychiatry and telepsychology, e-consults and care coordination to increase access to services for women who face significant barriers to care.

Stress, Trauma, Adversity Research and Treatment Center (START)

The Stress, Trauma, Adversity Research and Treatment Center (START) began formal operations in 2019. We provide clinical intervention, system consultation and advocacy, training and education and perform clinical research. START provides care to individuals across the lifespan with a family centered approach. The family focus is motivated by two primary concerns: 1) When family members are symptomatic, our patients are less likely to heal. This is especially the case with children. 2) Often our patients improve symptomatically, but do not improve their functioning. While the former is well accepted, the latter is less clear and requires more exploration. We plan to evaluate our family centered approach particularly around functional outcomes. We have expertise in the treatment of Emergency Responders and children. START supports peer support programs and works to change culture in responder agencies.

Our work with traumatized children centers around our collaboration with the Kempe Center for the Prevention of Child Abuse. Lou Felipe, PhD and Amber McDonald, LCSW, Ph.D., our two deputy directors work directly with the Kempe Center. Dr. Felipe provides clinical consultation

to Kempe's child abuse clinics as well child welfare providers around cases and Dr. McDonald provides the behavioral health support for the new Care Network that provides support to practices statewide to improve the identification of maltreated children. At present, we have one research project running that is studying the use of Prazosin (used to treatment traumatic nightmares and sleep disturbance) to prevent the development of PTSD in sexual assault victims.



Integrated Transgender Program

The Integrated Transgender Program was founded in 2017 by Drs. Deb Carter and Robert Davies, along with members of departments of endocrinology, internal medicine, family practice, OB/GYN, surgery, and plastic surgery. The program's goal is to provide truly integrated multidisciplinary care for transgender individuals. It is one of only two programs in country that provide this level of integration. The program continued to grow with 107 new patients in 2019. Clinicians in the program hosted the CME "Transgender Provider Education Day" with approximately 100 participants and were active in providing transgender affirming care seminars to numerous departments throughout the UCHHealth system (as well the Colorado Department of Corrections). Clinicians in the program were integrally involved in developing the Sexual Orientation/Gender Identity (SOGI) video and training for UCHHealth Epic users.

The Integrated Transgender Program has become a popular training site for Consultation Liaison Fellows, as well as Endocrine Fellows and medical students and continues to grow. The program obtained a UPL grant in 2019 which allowed expansion and hiring of a LCSW and supported recruitment and hiring of a plastic surgeon specializing in gender affirming surgeries (currently the only surgeon in the state performing phalloplasty). Dr. Davies received the 2019 Colorado Ally Award for his work with the Integrated Transgender Program.

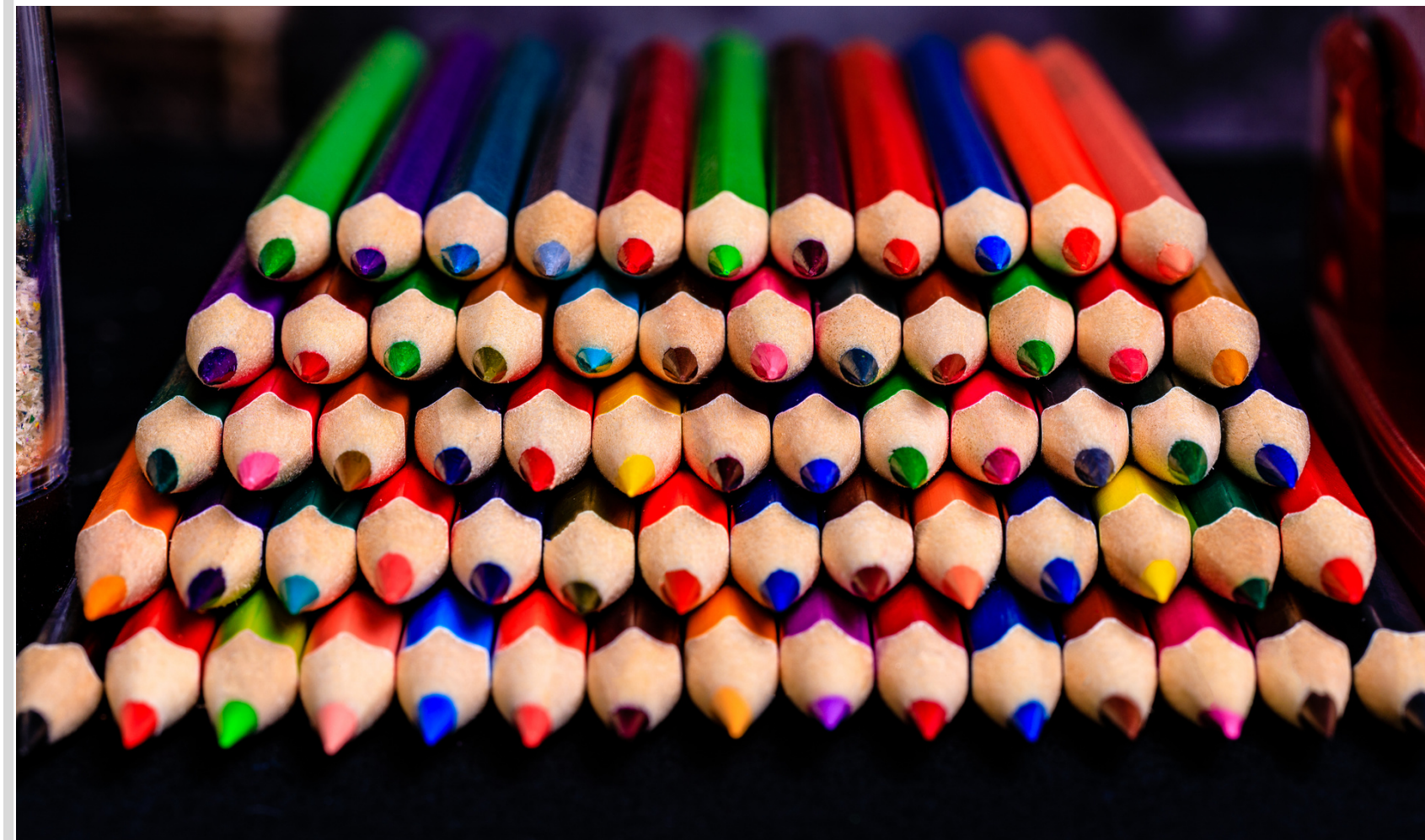
The program's goal is to provide truly integrated multidisciplinary care for transgender individuals. It is one of only two programs in country that provide this level of integration.





Expansion of Psychiatry Consultation Services at the Pediatric Mental Health Institute

In 2019, a change was made to the inpatient psychiatry consultation services at the Pediatric Mental Health Institute (as part of the Child and Adolescent Mental Health Division) with a notable expansion in psychiatry coverage time from 5 days a week to 7 days a week. Based on the growing volume and acuity burdens of our weekend call team, in addition to the ever-growing request from inpatient pediatricians to have greater access to full consultation services over 7 days –a week, five of our core faculty psychiatrists joined a pilot project to expand our clinical care services. Two core changes were made that were largely modeled after a more traditional hospitalist system. First, our daily clinical time was shifted to cover higher volume trends and split into two shifts: 8am-4pm covering the inpatient consult service, and 2pm-10pm covering the emergency room consult service. Second, the 8am-4pm shift was added to both Saturdays and Sundays, placing an attending psychiatrist onsite for all consultation needs. The five child psychiatrists rotate and cover every 5th weekend in exchange for protected weekdays off. Over the course of the year the CL team saw 571 new consults and was able to maintain >90% completion of those consults within 24 hours, receiving high levels of praise from the inpatient pediatricians and subspecialty providers they primarily serve.



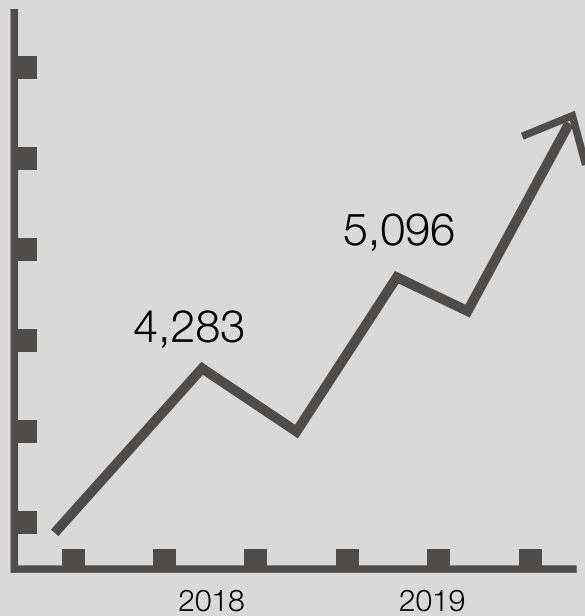
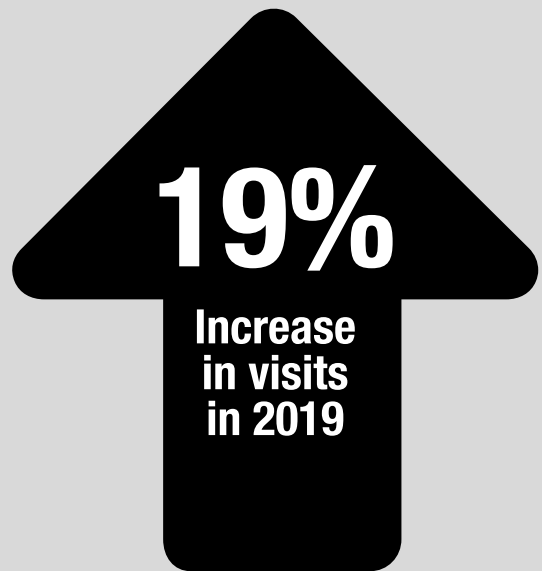
OCD Program

The OCD program has been in existence since the summer of 2013. Through this program, patients with obsessive-compulsive disorder have access to medication management and cognitive behavioral therapy (CBT) with exposure and response prevention (ERP), the gold standard, evidence based treatment for OCD. Additionally, the Department of Psychiatry OCD Program collaborates with the Department of Neurosurgery to provide deep brain stimulation to patients who are severely disabled by OCD that is refractory to conventional therapy (COMIRB 14-0554: Reclaim® Deep Brain Stimulation Therapy Humanitarian Device Exemption Protocol). Less than 300 people worldwide have had this surgery for OCD, and in 2019, the 5th patient at the University of Colorado had Deep Brain Stimulation surgery for OD. Six psychiatry residents rotated through the program in 2019 and participated in apprenticeship cases to learn ERP. Emily Hemendinger, LCSW joined the program in May as an OCD therapist, and her caseload was full before she even started, reflecting the significant need in the community. The CBT for OCD group for college students was continued, and two new groups were started: CBT for OCD (for the general community) and a therapist led support group for family members of people with OCD.

Student & Resident Mental Health Clinic

The Student and Resident Mental Health Clinic provides mental health services to students in the medical, dental, pharmacy, nursing, graduate school, public health, physical therapy, physician assistant, anesthesia assistant programs. Since its inception, the clinic has experienced significant growth and 2019 was no exception. Total patient visits increased by 19% from the previous year, from 4,283 total visits in 2018 to 5,096 in 2019. This growth can be attributed to expansion of clinical services, new staff and faculty, and a focus on outreach programming. In 2019, the Student and Resident Mental Health Clinic welcomed psychiatrist Matt Pesko MD, clinic manager Tamara Saunders, and therapist Danielle Sukenik LMFT to the team.

The clinic was also able to expand their specialty services to patients by welcoming OCD specialist Emily Hemendinger LCSW, addiction specialists Christian Hopfer MD and Mallory Crouch LCSW, eating disorder specialist Jane Miceli MD, mental health triage counselor Mandy Doria LPC, and nutritionist Rachel Zavala MSRDLDN. The clinic also offered several psychotherapy groups including OCD, ADHD, DBT, psychodynamic, change of plans, mindfulness and trauma informed yoga. Beginning January 2019, the clinic expanded its services to all residents at the University of Colorado and Denver Health.



Community and Public Psychiatry Division

The Community and Public Psychiatry Division is the newest of five departmental divisions, created as a result of the department reorganization that occurred during FY20. The division includes the Public Psychiatry Program, Behavioral Health & Wellness Program (BHWP), Developmental Projects Administration (DPA), the Metro Group, and telemedicine.

The Public Psychiatry program, the largest of the division, includes the faculty based at the Colorado Mental Health Institutes at Fort Logan & Pueblo, the Colorado Department of Corrections facilities located throughout the state, and the Forensics Fellowship program.

The Pueblo forensic hospital can provide services to 450 individuals with pending criminal charges who require evaluations of competency, who have been found by a court to be incompetent to proceed (restoration treatment) or those found not guilty by reason of insanity. Fort Logan, another behavioral health hospital, provides services for up to 94 adult patients. The Department of Corrections (DOC) includes 16 facilities that house over 13,000 inmates and welcomed Sarah Butler, MD as the Chief of Psychiatry in 2019. The Forensic Fellowship program graduated 2 fellows who completed 40+ forensic assessments, treated 100s of patients at the DOC, and published three articles. In 2019, the program also welcomed two new fellows, six general psychiatry residents, and 4 medical students.

The Behavioral Health & Wellness Program (BHWP) completed 51 trainings for 2,129 interdisciplinary healthcare and public health professionals across the nation in Motivational Interviewing instruction and whole health trainings in 2019. They also partnered with the CDPHE on nicotine dependence treatment and nicotine free policy, the Arizona criminal justice system and the State of Washington on peer to peer learning communities, and are continuing an implementation and outcome study of their curricula - the RAISE program with the College of Nursing.

The State of the States in Intellectual and Developmental Disabilities Project is administered by the Developmental Projects Administration (DPA) and has been funded for over 35 years by the Administration on Disabilities, U.S. Department of Health and Human Services. Dr. Emily Shea Tanis serves as the Principal Investigator of this important project of national significance.

While DOPsych Telemedicine Programming was not officially established until January 1st, 2020, the initial infrastructure was created in 2019 along with collaborations with DOP leadership to establish overall strategic vision. The telemedicine program is expected to quickly expand its services within the department as well as collaborate with other departments, University Health, affiliate partners, and other organizations.



Training

The Department of Psychiatry prides itself on having robust and productive training programs. Our residents and fellows receive training from dedicated faculty and leave our programs ready to serve their communities.

Child Psychology Training Program

Over the past 30 years the psychology training programs at Children's Hospital Colorado have been preparing doctoral and post-doctoral students to work as clinical and pediatric psychologist. A training faculty of 50 psychologists oversee the programs and provide innovative learning experiences and clinical supervision to 30 students across three different programs. The externship program included 10 to 20 hour placements in a child clinical or integrated pediatric setting for students that are selected from eight different doctoral programs across the region. The doctoral internship program, accredited by the American Psychological Association, is one of the most competitive internship sites in the nation receiving over 250 applications each year for just six positions. The postdoctoral fellowship program provides a capstone experience, where trainees receive intensive and specialized clinical training in one of eight specialty areas. Clinical learning is balanced with the integration and production of research across each program to ensure trainees are utilizing the best clinical approaches and contributing to the knowledge base of empirically supported practices in child and adolescent mental health.

We are incredibly proud of the accomplishments from our training faculty and students during the 2019 year. Some specific highlights during this year include our trainees participating in 37 poster and paper presentations at regional and national conferences.

Child and Adolescent Psychiatry Training Program

This year highlighted the many reasons for the high national ranking for the Child and Adolescent Psychiatry (CAP) training program. The program attracted over 60 applicants filled with six excellent new fellows for a total of 13. Our faculty and fellows continued to perform admirably in meeting the program educational requirements while also performing as clinicians. Fellows continued important scholarship, presenting at national conferences, and publishing important papers. Our program is examining how to ensure our recruitment process attracts fellows who reflect the richness of our local and national community and provides support for fellows of color and others at risk for systemic experiences of inequity. Through ongoing discussion, reflection and education, we are also working to train fellows and faculty to recognize and improve systemic racism and injustices within our medical systems.

The CAP program has other new opportunities for fellows. An elective for fellows and psychology trainees develops expertise in working with rural communities through a partnership with Durango School District 9-R. Dr. Berkowitz, a national expert in trauma work, has enriched the fellow's understanding of care for traumatized youth and families. Fellows are gaining an enhanced knowledge of youth within their school setting through expanded time in integrated mental health clinics within Denver Public Schools.

Medical Student Education

The Department of Psychiatry (DoPsych) delivers a longitudinal curriculum in mental health care across all four years of medical school. Our philosophy remains that regardless of specialty choice, our students will practice Psychiatry in one way or another, and our curriculum seeks to prepare them for this reality.

Starting during the first two years, students receive a series of lectures and attend Psychiatry small group sessions. Our 184 students are divided into 21 small groups (each with 2 faculty co-leaders) and meet for fourteen sessions. Each session is centered around a student interview of a volunteer patient with each week focusing on a different mental health condition. Students report that these small groups reduce biases or stigma they have toward patients with mental health concerns and improve their comfort in conducting such interviews.

Third-year students complete either a 4-week Psychiatric Care block or year-long experiences in Psychiatry through one of our Longitudinal Integrated Clerkships. Those clinical experiences in Psychiatry are highly rated by students. Fourth-year students can complete Advanced electives in Psychiatry.

In March of 2020 we had 12 students match to a Psychiatry residency at excellent programs around the country (e.g., University of Pennsylvania, Yale, Northwestern and University of Colorado). Even more students have expressed interest in applying to Psychiatric residency in academic year '20-21.

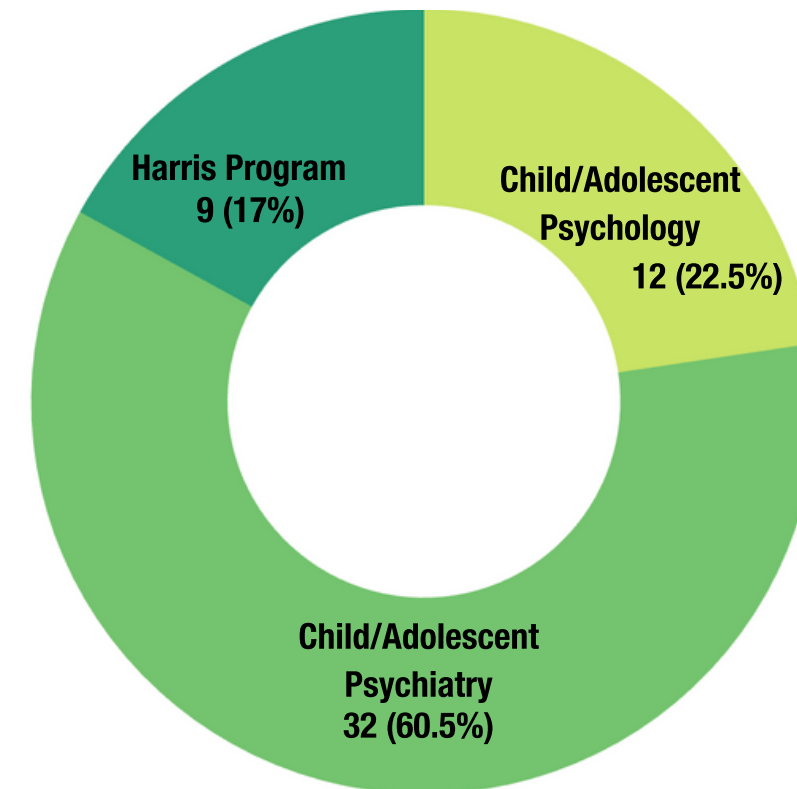
General Psychiatry Training Program

The aim of the General Psychiatry Training Program is to recruit residents from varied backgrounds with diverse career interests and graduate psychiatrists who can provide the highest quality clinical care to individuals with a broad range of mental health issues. This is accomplished by incorporating innovations in treatment modalities and delivery systems, advancements in evidence-based care, neuroscience, and integrated care models. The program is committed to providing training in care for underserved and marginalized populations.

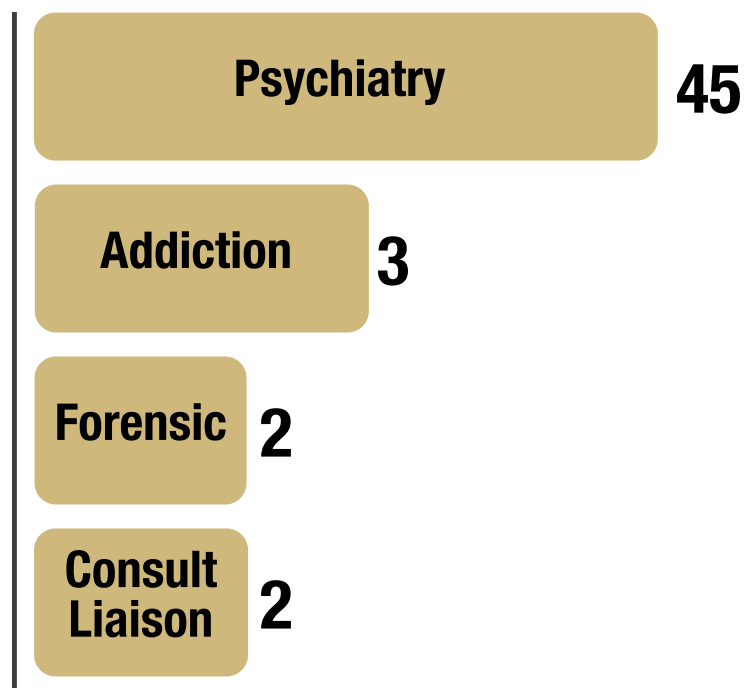
We began 2019 with a very successful recruitment season. We had over 1,000 applications to our program and a record number of CU SOM students pursuing training in psychiatry. Our 2019-2020 intern class included CU graduates and graduates from across the country, all with varied experiences and career goals. Following recruitment, we graduated six residents in June and graduates went on to pass their ABPN Boards in the fall.

In 2019, the program continued to innovate with the institution of three new rotations. In collaboration with the Primary Care Medicine Residency, electives in Public Safety, First Responder Mental Health and Integrated Telepsychiatry were initiated. To support and foster scholarly work throughout residency, we also instituted a new scholarship/research didactic course which is tied to a new scholarly month for each PGY-2 in the program.

Number of Trainees By Program



Graduate Medical Education Specialty Areas



Addiction Psychiatry Fellowship Program

Our addiction psychiatry fellowship program has earned a national reputation for offering diverse and robust clinical training; this includes the uncommon and much needed experience with adolescent addiction treatment. We continue to attract accomplished candidates from across the country. Among the past five fellowship classes, three have included a child and adolescent psychiatrist and two have included a naval medical officer. Many of our recent graduates choose to stay in Colorado and contribute to the pronounced local workforce needs. One only needs to look at where this 2019's fellow cohort joined us from and where the 2019 graduating fellows headed to appreciate the strength and breadth of our fellowship. The 2019 graduating fellows include Michelle Georges MD- Addiction Psychiatry Attending, West Pines Behavioral Health, Wheat Ridge, CO; Kate Riva MD- Addiction Psychiatry Attending, Kaiser Permanente, San Diego, CA; and Ian Wheat MD- Addiction Psychiatry Attending, Jefferson Center for Mental Health, Wheat Ridge, CO.

Developmental Psychobiology Research Group



Developmental Psychobiology Research Group (DPRG)

The Developmental Psychobiology Research Group (DPRG) is a group of researchers who meet regularly to share their ideas and knowledge with the goals of mutual stimulation, collaboration and support. The DPRG also funds small grants for its members, typically as seed money to explore new ideas and for supplemental funds for continuing projects. The DPRG is underwritten by the Developmental Psychobiology Endowment Fund (DPEF), which is reviewed every ten years to determine if the DPEF funding will continue. The DPEF fund also supports many aspects of the interdisciplinary T32 NIMH postdoctoral training program including the biweekly seminar series, trainee insurance supplementation, research funds for the trainees, and activities of the DPRG as a whole.

In 2019, one trainee completed two years of training (Aviva Olsavsky); two trainees accepted faculty positions (Amanda Norona and Allison Shapiro); two new trainees have been enrolled in the program (Catherine Demers and Christina Metcalf); and a current trainee has accepted a 3rd year beginning in the summer of 2020. Two trainees also continued for a second year in the program (John Cooley and Jessica Cao), bringing the total to six trainees. All trainees spend most of their time in the laboratory of their primary mentor, where they learn various research methods, form productive habits for a research career, work on the publication process and grant writing, collaborate with others, present to wide-ranging audiences, and receive education in the ethical approach that underlies all scientific endeavors.

“DPRG is a group of researchers who meet regularly to share their ideas and knowledge with the goals of mutual stimulation, collaboration and support.”



Forensic Psychiatry Fellowship Program

As with all of our training programs, 2019 was both busy and productive for the Forensic Psychiatry Fellowship Program. Two forensic fellows graduated in June 2019. Ebe Chinweze is now working for a private psychiatric facility in Wyoming, while Caitlin Vigil is with the Veterans Affairs in Denver. During their fellowship, Ebe and Caitlin each completed at least 40 forensic assessments including competency to proceed and criminal responsibility evaluations (or sanity evaluations). Additionally, they managed and treated more than one hundred patients in the Department of Corrections (DOC), worked at the Restoring Individuals Safely and Effectively (RISE) Program; a unique jail-based restoration to competency program, and spent time at Community Mental Health Institute (CMHI) at Pueblo, CO doing evaluations and treatment of forensic patients.

Two new fellows, Michele Willis and Ahmad Adi, began their fellowship on July 1, 2019. They are on-track for graduating in June 30, 2020. Post-graduation plans are already made by both of our current fellows. During their fellowship, each completed more than 35 forensic evaluations and provided patient care at DOC and RISE. They also rotated for several months at CMHI-Pueblo, and provided clinical services at Independence House, which is a residential facility for men with dual diagnoses located in Capitol Hill, Denver.

Last but not least, we had 6 general psychiatry residents and 4 medical students on elective rotation basis with our forensic service for 2019.



Consult Liaison Fellowship Program

The Consultation-Liaison Psychiatry Fellowship Program at the University of Colorado Denver School of Medicine specializes in the interface between general medicine/pediatrics and psychiatry. It is accredited by the Accreditation Council for Graduate Medical Education (ACGME). The program is created for graduates of ACGME-accredited psychiatry residencies who seek advanced education and training in psychosomatic medicine and who seek to develop a leadership role in the delivery of integrated health care in the inpatient and the outpatient setting. Training takes place across two clinical sites, The University of Colorado Hospital and Denver Health. These hospital systems serve different patient populations and descriptions can be found elsewhere on this website. Our residency and fellowships have a strong emphasis on excellent teaching skills for medical student and residents. Participants in this program develop expertise in the basics of psychosomatic medicine. They are given elective options including Women’s Behavioral Health Track, Integrated community-based care programs, Neurology (DBS and movement disorder clinic, epilepsy clinic and treatment of non-epileptic seizures), Organ Transplant and Family-oriented care.



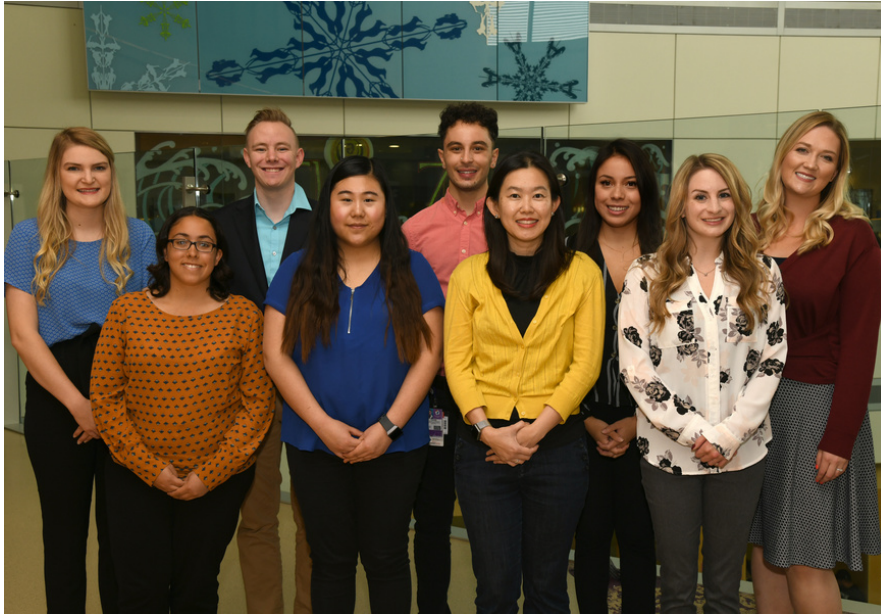
Harris Program

In October of 2019, the Harris Program welcomed the inaugural cohort of ten fellows to our Irving Harris Program in Child Development and Infant Mental HealthExpansion Community Fellowship (HEC). This new fellowship training program offers qualified professionals scholarship-supported access to advanced training in perinatal, infant and early childhood mental health, regardless of their location within Colorado. The aim of the HEC Fellowship is to make advanced early childhood mental health training available statewide to increase Colorado’s early childhood mental health workforce capacity. The HEC Fellowships are generously funded by an innovative collaboration of five community foundations: Caring for Colorado, Community First Foundation, the Piton Foundation, the Temple Hoyne Buell Foundation and the ZOMA Foundation.Using remote learning technology, these ten fellows have been participating one day per week in a year long training program, while continuing to serve young children and families in their communities across the state.

“The Harris Fellowship training program offers qualified professionals scholarship-supported access to advanced training in perinatal, infant and early childhood mental health, regardless of their location within Colorado. The aim of the HEC Fellowship is to make advanced early childhood mental health training available statewide to increase Colorado’s early childhood mental health workforce capacity.”

Psychiatry Undergraduate Research Program and Learning Experience (PURPLE)

2019 held the fourth cycle of the Psychiatry Undergraduate Research Program and Learning Experience (PURPLE). This is a 12-week, summer pipeline program that provides mentorship to undergraduate students through supervised research activities, clinical shadowing, and didactics covering topics from scientific communication to professional branding. PURPLE intentionally seeks to attract diverse, accomplished students from a wide-variety of cultural, geographic, and ethnic backgrounds, and to help these students become scientists and clinicians.



Each year, applicants go through a rigorous selection process before being invited to join the cohort. For this cycle, we received 40 applicants from undergraduate programs nationwide and welcomed seven bright and talented students hailing from the University of Colorado Denver, Regis University, and Metropolitan State University to work directly with our faculty mentors as student interns over the summer. The program culminated with the PURPLE Symposium, where student interns presented their projects as oral and poster presentations to their respective faculty mentors, peers, family members, and other members of the CU community.

As co-Directors of the program, Merlin Ariefdjohan, PhD and Emmaly Perks, MA, CCRP, find this to be a fulfilling endeavor. “We want this to be a pipeline,” Perks said. “We hope they’ll come into our department eventually as psychiatrists, psychologists, research assistants or others who care for children’s mental health.” Added Ariefdjohan, “The ultimate goal of this program is to inspire and build skills in students who wouldn’t have the means to do this otherwise. If we can somehow enable that, we find that to be the true reward of what we do.” Indeed, approximately two-thirds of the cohort each year continues to contribute to the CU System after completing the program by staying on as research assistants or other healthcare professionals. PURPLE alumni have also been successfully accepted to medical programs and other graduate programs around the United States.



Psychiatry Research Innovations (PRI) Scholars

Now in its second successful year, the Psychiatry Research Innovations Scholars (PRI Scholars) writing group has continued to support DoPsych faculty with improving their academic writing practices. Over the course of five months, participants learn specific academic writing techniques, how to use project management tools to plan successful grant and manuscript submissions, and receive weekly, digital coaching from the course director Emmaly Perks, MA, CCRP, who is also the Director of the PRI Research Education Core and the DoPsych Education Manager.

All faculty in the department are welcome to join, but a typical PRI Scholars cohort includes a small, supportive group of 8-10 faculty members, ranging from new faculty to experienced professors. Members are supported in producing at least one significant scholarly work during those five months, with most participants averaging two or more finished projects that are accepted by a wide variety of journals and funding agencies.

Group participation has continued to grow year after year, as have the number of successfully published submissions by the group. In 2019 alone, a total of six group members and their respective lab teams submitted four new grants and 27 manuscripts while participating in PRI Scholars. Congratulations to each of our faculty whose efforts in this program resulted in grant funding and successful publication of their work!

Research

2019 saw incredible growth for the Department of Psychiatry's research programs. Recruitment of new faculty with varied research interests and expertise increased our grant funding to over \$13 million. Keep reading to learn more about our research activities and meet some of our new faculty researchers.

Department of Psychiatry's First Annual Scientific Retreat: The Lifespan Rainbow

On April 1, 2019, the Department of Psychiatry held their first annual scientific retreat. The theme, "Through the Lens: Lifespan Approaches to Developmental Psychopathology, Sex, Stress, and Resilience," allowed attendees to share a wide array of research. The goal of this event was to:

- Showcase research being conducted in the Department of Psychiatry (clinical, translational and basic);
- Ensure a strong framework of scientists and clinicians focused on study of lifespan behavioral health;
- Identify opportunities for building research infrastructure and creating synergy and;
- Facilitate collaborations through discussion.

The event began with oral presentations by a number of faculty researchers in the department. Lunch featured a Round table discussion with the members of Psychiatry Research Innovations team. The afternoon session boasted an innovative think tank format which encourages faculty participants to reflect on the discussion topics including where they see their research in the lifespan rainbow and what challenges the Department of Psychiatry is likely to face as we work to become a center for research excellence and a leader in the field of 'lifespan approaches to developmental psychopathology, sex, stress and resilience?' The retreat was closed with a poster session where junior and mid-level faculty presented findings from their recent research studies.

“The theme, “Through the Lens: Lifespan Approaches to Developmental Psychopathology, Sex, Stress, and Resilience,” allowed attendees to share a wide array of research. ”

PSYCHIATRY RESEARCH INNOVATIONS

ADVANCING RESEARCH EXCELLENCE

Open for
Business!

Expansion of Innovations Center to Psychiatry Research Innovations

September 2019 marks the month when the Psychiatry Research Innovations (PRI) opens its operations in the Department of Psychiatry. This research support infrastructure is an expansion of the Innovations Center (IC), which operated in the Division of Child and Adolescent Mental Health under the funding support of Division Chair Dr. Douglas Novins. The IC began in 2015 as a centralized research support system for faculty in the Division, with Merlin Ariefdjohan, PhD, MPH serving as the Director and Emmaly Perks, MA, CCRP as the Education and Training Manager. IC operations successfully resulted in the initiation of numerous regulatory approved research studies, research databases, grants, presentations at professional conferences, and manuscripts. As a team, the IC won the 2019 CU Innovations and Efficiency Award by the Office of the Controller. These successes led Department Chairperson Dr. Neill Epperson to invest in expanding these services to support all faculty with at least a 50% primary appointment in the department. Despite its expansion and new branding, the aim of this infrastructure remains to provide research-related administrative, operational, and educational support to our faculty.

The PRI is made up of four research cores and an administrative service, with Merlin taking the helm as Director. In her role, Merlin manages and provides oversight to PRI operations, as well as vets requests and channels them to respective cores. Emmaly serves as the Education Manager and leads the Research Education Core, focusing on advancing proficiency in research through education and training. This includes developing curriculum and training programs for faculty and staff, as well as directing the Psychiatry Undergraduate Research Program and Learning Experience (PURPLE; see page xx).

Claudia Iannelli, MS is the Director of the Research Operations Core and is assisted by Veronica Henderson-Davis, BA. They provide direct research assistance ranging from regulatory review and submission, project management, direct research assistance support, as well as branding and communications-related activities. Susan Mikulich, PhD is a biostatistician directing the Biostatistics Core. With the assistance of Crystal Natvig, MPH, she performs statistical consultation covering power analyses, study design, and data analyses. Christine Garver-Apgar, PhD leads the Clinical Research Support Core, which assists clinical researchers in developing ideas and outcomes for their studies. She also oversees the PRI Grant Program, which provides internal funding to support promising pilot studies proposed by DoPsych faculty. Finally, as the Grants and Contract Specialist in the Sponsored Program Management service, Chelsea Hansen, MFA serves as a liaison between faculty and the Office of Grants and Contracts (OGC). In her role, Chelsea also assists with pre- and post-award activities, and locating funding opportunities.



Pictured left to right: Claudia Iannelli, Chelsea Hansen, Susan Mikulich, Merlin Ariefdjohan, Emmaly Perks, Christine Garver-Apgar (not pictured: Veronica Henderson-Davis and Crystal Natvig)

“The theme, “Through the Lens: Lifespan Approaches to Developmental Psychopathology, Sex, Stress, and Resilience,” allowed attendees to share a wide array of research.”

Research from a team led by Camille Hoffman, MD, Sharon Hunter PhD, and Robert Freedman MD, was ranked one of the top 10 Breakthroughs for 2019 by the Brain & Behavior Research Foundation!

Researchers have obtained further evidence that during pregnancy, the presence of adequate levels of choline - an essential nutrient in the mother's system - has a protective role in the development of the fetal brain and on behavior in children following birth. The new evidence bolsters the case for choline supplementation during pregnancy, a measure now advised by the American Medical Association but which is not yet common practice in this country or worldwide. Noting that their study supported the case for prenatal maternal choline supplementation, the team highlighted that prenatal vitamins currently contain as little as 10mg. This is a small fraction of the 900mg their research recommends in addition to the dietary intake of 550mg. Infections during pregnancy, including the flu and respiratory illness, can happen to any woman, and these infections predispose the offspring to future mental illness. Choline supplementation offers a way for mothers to protect their unborn children from this unforeseeable and often unpreventable risk.

Notable Research: Substance Abuse Dr. Tyler Coyle

Dr. Tyler Coyle, Assistant Professor and medical provider in the ARTS Adult Outpatient Program, received Substance Abuse and Mental Health Services Administration (SAMHSA) funding to collaborate with other University faculty to develop and implement a comprehensive interprofessional clinical opioid use disorder (ICLOUD) curriculum for NP, PA, and MD students at the University of Colorado Anschutz Medical Campus. The curriculum requires 8 hours of DATA 2000 waiver training as a component of the core curriculum for each program. ICLOUD will also increase provision of medications for opioid use disorder (OUD) in diverse settings by a variety of practitioners through increased clinical elective offerings and interprofessional content that focuses on OUD treatment across the campus and state-wide.

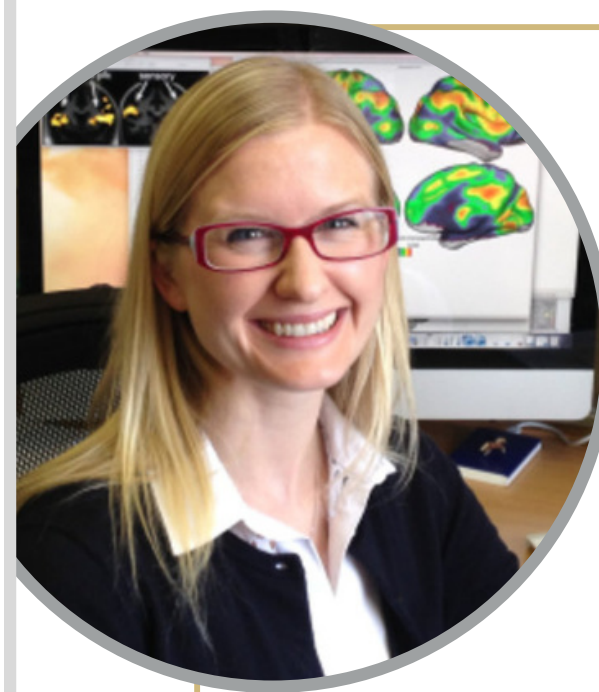
Notable Research: Downs Syndrome Dr. Lina Patel

Helping individuals with Down Syndrome Achieve to Their Potential: Lina Patel, PsyD, a pediatric psychologist at Children's Hospital Colorado has received collaborative funding with Colorado State University from the National Institutes of Health. The EXCEEDS project is studying the best ways to evaluate executive function skills in young children ages 2.5 to 8 with Down Syndrome. Findings will play a critical role in assessments during future intervention studies. Another collaborative funded project with Colorado State University aims to study inattention and hyperactivity in 4- and 5-year-old children with Down syndrome and to identify comorbid ADHD. Dr. Patel's expertise in Down syndrome through her clinical work at the Sie Center for Down Syndrome at Children's Hospital Colorado provides a critical connection between research and its applicability to improving the lives of individuals with Down syndrome and helping them achieve to their potential. She has also recently received a UPL grant for expansion of behavioral health services within the Sie Center for Down Syndrome. Dr. Patel joined the faculty of the CU Anschutz Department of Psychiatry and PMHI in March of 2008.



Notable Research: Neuroimaging Dr. Kristina Legget

Dr. Kristina Legget is an Assistant Professor in the Department of Psychiatry, Colorado Neuroscience of Behavioral Health and Wellness Group. Her research aims to understand neuronal circuits and mechanisms that contribute to human obesity. Dr. Legget had two new research grants funded in 2019 from the National Institutes of Health (NIH) and Veterans Administration (VA). The NIH grant seeks to better understand sex-based differences in the neuronal mechanisms underlying food-intake behaviors and food-based reward processing, how gonadal hormones contribute to these differences, and how this translates to real-life eating behaviors. The VA Merit Review Award aims to investigate how sex affects the neuronal response to food cues in Veterans with overweight/ obesity. The project will also examine how the effects of early-life trauma and PTSD on eating behaviors are influenced by sex.



NEW FACULTY



Jarrod Ellingson, PhD

Jarrod Ellingson, PhD is a clinical psychologist and Assistant Professor who joined the Division of Substance Dependence in May 2019. In the last year he completed the first year of an NIH/NIAAA Patient-Oriented Early-Career Development Award (K23). This project incorporates genetically-informative twin samples and treatment-seeking populations to investigate shared biomarkers of alcohol use disorder and major depressive disorder across the gut-brain axis, including gut microbiota and inflammatory cytokines. His work has also begun to examine

medical comorbidities of substance use disorders, such as dementia symptoms. By better understanding the shared mechanisms of substance use disorders and other conditions, this work aims to inform transdiagnostic treatment approaches. In addition to his research activities, Dr. Ellingson provides mindfulness-based relapse prevention to patients in individual and group settings and lectures on mindfulness for substance use disorders to Psychiatry Residents and Addiction Medicine Fellows.

SPOTLIGHTS



Andrew Novick, MD, PhD

Andrew Novick, MD, PhD joined the faculty as Senior Instructor in August 2019 following completion of a research track psychiatry residency at Brown University. He conducts research and does clinical work within the Colorado Center for Women's Behavioral Health and Wellness. Under the mentorship of Dr. Neill Epperson, Dr. Novick's research focuses on the effects of sex hormones on executive function and reward processes. He received a Junior

Faculty Seed Grant from the Center for Women's Health Research to study the effects of testosterone treatment in transgender men on executive function key to everyday life. He subsequently became a scholar in CU's NIH funded Specialized Center of Research Excellence on Sex Differences (SCORE) and was promoted to Assistant Professor in November 2019. Currently, one of his primary research pursuits is understanding how hormonal contraceptive agents influence reward processes in women. Outside research, he is a staunch advocate for the integration of neuroscience in psychiatry, occasionally publishing articles with titles such as, "Not Dead Yet! – Confronting the Legacy of Dualism in Modern Psychiatry."

Joseph Schacht, PhD

Joseph Schacht, PhD is an Associate Professor and licensed clinical psychologist who recently joined the Division of Substance Dependence after 10 years in the Department of Psychiatry and Behavioral Sciences at the Medical University of South Carolina. He directs the Translational Addiction Imaging Laboratory (TrAIL). Dr. Schacht's training and research experience encompass both basic and clinical neuroscience, and he has pushed to build a program of research that translates from basic neurobiological processes to behavioral and treatment outcomes. His work has been funded by the National Institute on Alcohol Abuse and Alcoholism (NIAAA), National Institute on Drug Abuse (NIDA), and industry. He is particularly known for using behavioral genetics, functional neuroimaging, and experimental pharmacology to understand alcohol and drug craving and cue reactivity and test treatments that may ameliorate these phenomena. His current work, supported by two NIAAA-funded R01s, focuses on evaluating novel medications for the treatment of Alcohol Use Disorder and Attention-Deficit/Hyperactivity Disorder.



Aviva Olsavsky, MD

Aviva Olsavsky, MD, is a junior faculty member and perinatal psychiatrist who launched the SIMBA (Stress in Moms and Babies) lab. SIMBA utilizes functional MRI to understand how mothers process their baby's cues, how this processing is impacted by difficult life experiences, and how these processes in turn affect maternal behaviors. This research will enable the design of more effective interventions to help mothers and children, impacting the

mental health of two generations. Clinically, Dr. Olsavsky works in the Young Mothers Clinic (adolescent mothers) at Children's and the PROMISE Clinic at UC Health, caring for women during pregnancy and the postpartum period, where she also supervises psychiatry residents. She is designing a new curriculum for residents which will help trainees to better understand clinical perinatal neuroscience research, providing them with critical thinking and scientific reasoning skills. She also supervises pediatric and psychiatry trainees in the CLIMB (Consultation & Liaison in Mental Health and Behavior) clinic, an integrated care setting aiming to educate trainees about mental health diagnoses and treatment to help combat the nationwide shortage of child psychiatrists.

New Faculty Spotlights, continued



Jacob Holzman, PhD

Jacob Holzman, PhD, joined the department and PMHI as a child and adolescent psychologist. His work focuses on better understanding and helping with the development of children's self-regulation, particularly via parenting and parent-child relations. Dr. Holzman's research projects center around examining links among parent's self-regulation (e.g., emotion regulation, executive functioning), parenting behaviors, and children's developing self regulation. Ultimately, these projects intend to evaluate ways that parenting-focused interventions in

early childhood may be adapted or changed to better improve both parent's and children's regulation. In addition to his research activities, Dr. Holzman provides outpatient therapy services and ongoing training, particularly in a type of parenting-focused treatment called Parent-Child Interaction Therapy at Children's Hospital Colorado.

**DID
YOU
KNOW?**

In 2019 the Department of Psychiatry hired 180 new team members - 54 faculty and 126 staff.

Sarah Kennedy, PhD

Sarah Kennedy, PhD, has dedicated her career to developing and improving treatments for children and adolescents to better address comorbidity, or the co-occurrence of mental health disorders. Recognizing that comorbidity is the rule rather than the exception among internalizing disorders such as anxiety and depression, Sarah helped develop and publish The Unified Protocols for Transdiagnostic Treatment of Emotional Disorders in Children and Adolescent (UP-C/UP-A), which address core underlying dysfunctions of emotional disorders in a single intervention. During her first year as a faculty, Sarah adapted and implemented the UP-C and UP-A for the Psychiatric Partial Hospitalization Program (PHP) at Children's Hospital Colorado. Sarah was also involved in developing brief and stepped-care versions of these interventions for grant-funded projects, which have been implemented in schools and community mental health centers in Texas. In 2019, she published results from trials of these transdiagnostic treatments in Behavior Therapy and Behavior Modification. Sarah joined the faculty as an Assistant Professor in the CU Anschutz Department of Psychiatry in January 2019 and provides services as a licensed clinical psychologist at Children's Hospital Colorado.



Research Partner Updates:

Center of Excellence on Developmental Disabilities (UCEDD)

As Colorado's University Center of Excellence on Developmental Disabilities (UCEDD), we are dedicated to providing training, technical assistance, service, research, and information sharing, all with a focus on building the capacity of communities to provide for individuals with intellectual and developmental disabilities across the life span. In addition to being Colorado's UCEDD, JFK Partners is also Colorado's Leadership Education in Neurodevelopmental Disabilities Program (LEND) providing interdisciplinary leadership training for 21 long-term trainees and fellows (>300 hours), approximately 115 medium-term trainees (40-299 hours), and 1,200 short-term trainees (<40 hours) each year.

JFK Partners is supported by federal training and research grants, clinical income, and various contracts as well as annual funding from the State of Colorado. The program is primarily located in the Department of Pediatrics and includes faculty and trainees in the disciplines of audiology, developmental behavioral pediatrics, family, nursing, nutrition, occupational therapy, physical therapy, psychology, public health, social work, speech-language pathology, spiritual care, self-advocacy and parents of individuals with an intellectual or developmental disability.

JFK Partners provides two interdisciplinary diagnostic teams (speech-language pathology, occupational therapy and psychology) that provide interdisciplinary assessments for individuals of all ages seeking diagnoses of Autism Spectrum Disorder or other developmental disabilities, with approximately 60 evaluations in 2019. These teams provide clinical training for about 10 LEND fellows and also as an 8-week rotation for second year Child Psychiatry Fellows. JFK Partners provides additional clinical training in their ENRICH Early Intervention Program, at Children's Hospital Colorado, and through contracts with various schools.

JFK Partners is home to about 19 active research studies exploring topics such as a CDC Study to Explore Early Development (SEED), Fragile X, Tic Disorders, ASD and the social/emotional health of children and youth, and the efficacy of crisis plans for individuals with developmental disabilities and behavioral dual diagnoses. Some of our most recent research has begun to explore markedly understudied populations (e.g., Adolescents with ASD and Intellectual Disability, and co-occurring psychiatric conditions), as well as implementation science. In a Health Resources & Service Administration (HRSA) funded project (PI: Judy Reaven), interdisciplinary school providers across three large public school districts in the Denver Metro area were trained to deliver the Facing Your Fears program (group CBT) to students with ASD and anxiety.

Research Partner Updates:

Rocky Mountain Mental Illness Research, Education, and Clinical Center (RM MIRECC) Suicide Prevention, Veterans Health Administration

The Rocky Mountain Mental Illness Research, Education, and Clinical Center (RM MIRECC) for Suicide Prevention, Veterans Health Administration (VHA), U.S. Department of Veterans Affairs (VA), is located at the Rocky Mountain Regional VA Medical Center with a secondary site at the George E. Wahlen VA Medical Center in Salt Lake City, UT. The mission of the RM MIRECC is to study suicide with the goal of reducing suicidal ideation and behaviors in the Veteran population. In FY19, DOPsych faculty and residents at the RM MIRECC were awarded over \$15.6M in external research and programmatic funding; led 50 active externally funded research protocols, 15 active internally funded research protocols and eight active clinical programs, and published 64 articles in peer-reviewed journals and four book chapters. DOPsych faculty in the MIRECC engaged in research, clinical, and operational activities and achieved many accomplishments including starting a serial podcast called “Short Takes on Suicide Prevention”. On the podcast, leaders in the field of suicide prevention are interviewed to make their research accessible to everyone. VHA launched the largest implementation of standardized, population-based suicide risk screening and evaluation in any U.S. healthcare system to date. The RM MIRECC leads the ongoing national implementation efforts for VA Risk ID. Clinicians at the Suicide Risk Management (SRM) Consultation Program provided no cost consultation on suicide risk management and post intervention support to any VA or community provider nationwide serving Veterans. “Treatment Works for Veterans”, A national evidence-based psychotherapy (EBP) public awareness and engagement website for Veterans and family members, was developed and implemented.



“The mission is to study suicide with the goal of reducing suicidal ideation and behaviors in our Veteran population.”

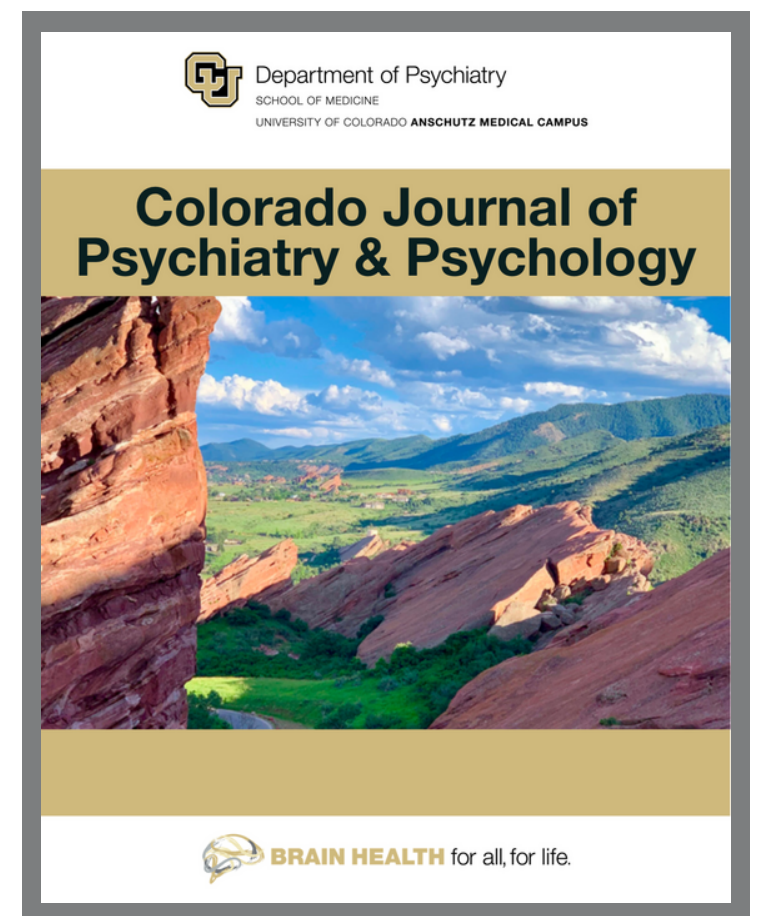
Research Staff Book Club

In 2019, Department of Psychiatry staff members started the first monthly meeting of research staff in the department, including research administrators, research assistants, and other non-faculty research team members. The purpose of the group was to share ideas and solutions for common challenges research staff experience in the department and to increase research collaboration, but the group has since accomplished so much more over time.

Together, the group has worked to build trust, respect, and cohesiveness among the various research teams across the department by holding a group book study around the book *The Fifteen Commitments of Conscious Leadership*. Monthly meetings are held to discuss how research staff in the department can be empathetic, productive leaders at all levels in the department regardless of their roles. As a result, the group has become an inclusive community of research staff who communicate freely, share best practices and innovations in research, and enhance the research collaboration of faculty members in the department. Multiple group members have remarked how cohesive the department's research enterprise is compared to other institutions where they've worked, and they credit it in large part to the supportive meeting of minds that occurs monthly in this group.

Colorado Journal of Psychiatry and Psychology

The Colorado Journal of Psychiatry and Psychology (CJPP) is a peer-reviewed journal published by the Department of Psychiatry of the University of Colorado School of Medicine. The goal of the Journal is to promote the science and practice of mental health care and the training of mental health professionals with a particular focus on Colorado and the Rocky Mountain Region. In addition to disseminating information, the Journal seeks to provide experience with writing and editorial processes to new authors and editors in support of academic career development and promotion. A total of 40 articles ranging from case report to original research articles covering diverse topics related to mental health diagnoses and services have been published in 4 volumes since 2015. In 2019, Dr. Michael Allen takes over the editorship role from Dr. Douglas Novins.



UPL Programs

The Department of Psychiatry worked to improve access to care by utilizing the Upper Payment Limit (UPL) Fund in 2019.

The Upper Payment Limit (UPL) Grant Program

CU Medicine initiated the Upper Payment Limit (UPL) grant program in 2018. It supports academic medical centers, such as ours, to improve access to care for individuals with Medicaid. The program currently funds a total of 19 projects in DoPsych, with nine new projects initiated in the 2019-2020 fiscal year, which represented a total of \$12,708, 624. Another exciting development includes Shannon McWilliams, MA who brings an extensive experience in project and database management to assume the role of UPL Manager. Within this role, Shannon oversees the management and reporting of all the UPL projects, including tracking of outcomes and budgetary matters. The following lists these UPL projects and the respective faculty investigators

New ULP Programs for 2019-2020		
Investigator	Title	Amount
Melissa Buchholz	Healthy Steps	\$105,760
Helen L. Coons	Women's Behavioral Telehealth	\$1,103,550
Karen Frankel	Warm Connections	\$238,740
Chad Morris	Motivational Interviewing and Training	\$196,077
Lina Patel	Sie Center	\$150,550
Joseph Sakai	ARTS Synergy	\$460,113
Daniel Savin	Refugee Mental Health Program of Colorado (RMHPC)	\$298,551
Jay Shore	Telemedicine Programming	\$2,600,000
Zoran Vukadinovic	ARTS Adult Outpatient Program	\$1,312,916

**Women’s Health Service
Line: BH Integration,
Telehealth & E-Consults
to Improve Women’s
Well-Being***

Faculty Investigator: Helen Coons, PhD

This inter-departmental collaboration is designed to increase access to behavioral health services for Medicaid beneficiaries seen in the women’s health service line at UCH, as well as across UC Health and CU Medicine women’s health locations in the Denver metropolitan area and Colorado. The initiative includes integrated behavioral health care, telepsychiatry and telepsychology services, e-consults and care coordination, which are four pathways that can increase access to behavioral health care and improve health outcomes for women across the lifespan.



*New in 2019



**PROMISE Clinic
Community Health Program**

Faculty Investigator: Bethany Ashby, PsyD

The PROMISE Clinic provides integrated behavioral health services for racially, linguistically, and socioeconomically diverse patient population. The clinic serves approximately 3,500 women who are patients of UCHealth’s OB and midwifery practices. This includes consultation, psychotherapy, and medication evaluation and management for patients up to 6 months postpartum. Funding from UPL allows the clinic to expand its services and accessibility.

**Young Mother’s Clinic
Community Health Program**

Faculty Investigator: Bethany Ashby, PsyD

The Young Mother’s Clinic provides comprehensive pediatric, family planning, and well-woman care to mothers under the age of 25 and their children, which forms a high-risk and very vulnerable patient population. Funding from UPL supports psychologists, a psychiatrist, and a social worker and the grant has increased the clinic capacity to provide developmental and mental health consultation, psychotherapy, and psychiatric medication evaluation and management.

Healthy Steps*

Faculty Investigator: Melissa Buchholz, PsyD

HealthySteps is an evidence-based, early childhood integrated behavioral health program designed to enhance pediatric primary care for children ages birth through three and their families. The program focuses on prevention and early identification, supporting families with common and complex issues that arise in early childhood, including fussiness, tantrums, toilet training, feeding difficulties, maternal mood disorders, psychosocial adversity, family risk factors, and others. With UPL support, the program can continue to provide universal services to all children ages birth through three in a primary care clinic, using a tiered approach ensure that higher levels of care are provided to children and families at highest risk.



Warm Connections*

Faculty Investigator: Karen Frankel, PhD

The mission of the Warm Connections program is to mitigate the impact of psychosocial stressors and improve access to early childhood mental health services for low-income, at-risk women, infants and children while simultaneously increasing Infant and Early Childhood Mental Health (I-ECMH) workforce. In this effort, Warm Connections Specialists provide immediate onsite behavioral, social-emotional and developmental support for families participating in the Special Supplemental Nutrition Program for Women, Infants and Children (WIC) and educate and support WIC educators to increase their capacity to effectively support families. UPL support ensures the sustainability of this program, as well as to enable its expansion of services. Funding from the grant also mitigates the shortage of trained I-ECMH specialists in Colorado by training post-doctoral fellows and mid-career health professionals in this model of care.

*New in 2019



CoPPCAP: Colorado Pediatric Psychiatry Consultation & Access Program

Faculty Investigator: Sandra Fritsch, MD/Doug Novins, MD

Severe workforce shortage of child and adolescent psychiatrists (CAPs) in Colorado limits access to specialty mental health care, and also places a greater burden on pediatric primary care providers (PCPs) to treat often-complex mental health conditions that they may have only received limited training to provide. CoPPCAP was primarily created to address this issue and training gap by providing assistance and mental health related resources to PCPs and behavioral health staff in their practices. [Please read more about CoPPCAP on page xx.](#)

Strengthening Families and Improving Access to Behavioral Health Services: Synergy's Adolescent Program*

Faculty Investigator: Joseph Sakai, MD

ARTS Synergy Program expands access to Multisystemic Therapy (MST) with the Substance Use Adaptation (SA) to 200 at-risk youth annually (at least 150 will have Medicaid) with UPL funding. MST-SA is an intensive home-based, evidence-based program for adolescents exhibiting antisocial behavior such as repeated legal involvement and/ or illegal substance use. The grant allowed the hiring of three new Master's Level MST-SA therapists, retain nine existing therapists, increase psychiatric time, and expand outreach to schools, medical offices to increase referrals to the program, as well as to improve data storage and management infrastructure.

Increasing Access to Medication-Assisted Treatment Services and Enhancing Services to Meet High Behavioral Health Care Needs: ARTS Adult Outpatient Program*

Faculty Investigator: Zoran Vukadinovic, M.D.

With UPL support, ARTS Adult Outpatient Program (AOP) increases access to Medication-Assisted Treatment (MAT) services and enhance services to meet high behavioral health care needs among adult patients with Medicaid with significant substance use disorders. Funding supports the hiring of three Care Managers to coordinate patients' MAT services with providers treating their physical health care needs and increase family therapy services, trauma-informed services, and psychiatric time for up to 1,000 Medicaid patients annually. Additionally, funding is utilized to enhance ARTS' electronic record infrastructure that allows long-term sustainability of the program.

*New in 2019

CoPPCAP Rural Training Program

Faculty Investigator: Douglas Novins, MD

This project provides opportunities for our psychology and psychiatry trainees to work in rural pediatric primary care and rural community mental health settings. As part of the scope of the program, our trainees are trained so that they can be better prepared to work more effectively in these communities and consider working in and with rural communities after they graduate.



Caring for Children with Cystic Fibrosis (CF)

Faculty Investigator: Emily Muther, PhD

With UPL support, efforts in providing better care for children with CF include training specialized mental health professionals to work with children with chronic illness and their families, conducting routine screening for anxiety and depression, tracking mental health symptoms longitudinally, and developing evidence-based interventions to address the impact of CF on emotional health and physical outcomes for these children and their families. Ultimately, these efforts support the development of a stream-lined and effective integrated behavioral health care model within the largest pediatric CF Center nationwide.



The Sie Center*

Faculty Investigator: Lina Patel, PsyD

The Sie Center for Down Syndrome is a multidisciplinary clinic at Children’s Hospital Colorado that provides consultative services for individuals with Down syndrome. Behavioral health services were recently added due to an increased need for intervention and support to address challenging behaviors, toilet training, school programming, desensitization to medical procedures, among others. UPL funding allows service expansion through the hiring of a full time psychologist who will offer group interventions, participate in joint clinics, and assist in training providers practicing in remote locations. The grant supports continuity of care especially since there is an increase in demand for these services in the past few years.

*New in 2019

Expanding Access to Integrated Substance/Mental Health Treatment for Adolescents and Young Adults (Encompass)

Faculty Investigator: Paula Riggs, MD

Currently, fewer than 10% of youth who could benefit from substance treatment actually receive such treatment. The process typically involves youth being placed in community-based substance treatment programs as part of referral from the juvenile justice system. In order to meaningfully increase treatment access, it is crucial to establish integrated substance treatment services in primary care as well as school-based settings, since 95% of youth with substance use disorders in Colorado and nationwide are still in school. With UPL support, Encompass is created as an alternative intervention that is evidence-based, integrated substance and mental health treatment. [Please read more about this project on page xxxx.](#)



Expanding Access to Mental Health Treatment for Refugees and Traumatized Immigrant Populations*

Faculty Investigator: Daniel Savin, MD

There are approximately 40,000 refugees that have resettled in Colorado over the past three decades. Majority of this population are experiencing mental health problems including posttraumatic stress disorder and major depressive disorder. As part of the outpatient behavioral health clinic in DOPsych, the Refugee Mental Health Program of Colorado (RMHPC) provides evidence-based care including diagnostic evaluation, medication management, individual and family psychotherapy, and limited psychosocial case management to this population. Funding from the UPL allows RMHPC to expand its services through the hiring of psychiatrist, patient navigator, and social worker, as well as to improve its data management infrastructure to enable a more systematic outcome assessment.

*New in 2019

Special Care Clinic (SCC)

Faculty Investigator: Ayelet Talmi, PhD

Outpatient behavioral health services, which include both pharmacologic and non-pharmacologic management of behavioral health disorders, are complex. In some cases, it is almost impossible to provide in community setting, especially for children with co-existing medical conditions on Medicaid, which is mostly attributed to inadequate access to appropriate levels of care. SCC addresses this gap in service by integrating behavioral health services as part of its primary care setting. SCC is also the largest dedicated clinic nationwide that provides options of primary care, co-manages care with community primary care providers, and offers consultative care for children with medical complexity as part of its clinical structure.

Child Health Clinic (CHC)

Faculty Investigator: Ayelet Talmi, PhD

Project CLIMB (Consultation Liaison in Mental Health and Behavior) is an innovative program that addresses the need for collaborative services between mental health and primary care professionals. Project CLIMB has been implemented in the CHC since 2005, with funding from grants supporting the majority of behavioral health services provided in the clinic. In addition to onsite program development, direct service, training efforts, and program evaluation, our team provides technical assistance and support to practices across Colorado and the country to expand capacity to integrate behavioral health services into primary care settings serving pediatric populations. Through its various initiatives and health services, the CLIMB Team has provided services to approximately 20% of the patient population in the CHC, and conducted more than 3,000 visits annually to approximately 2,000 patients and families. Support from the UPL allows the CHC to expand its services to wider populations.

Colorado Statewide Youth Suicide Prevention Initiative

Faculty Investigator: Bruno Anthony, M.D.

Partners for Children’s Mental Health (PCMH) is committed and continues to make progress in our two-pronged approach to suicide prevention efforts for the youth in Colorado. We partner with primary care and family medicine to increase screening and care planning for at-risk youth, as well as with schools statewide to provide training and technical assistance to better identify, intervene, and support students with high suicide risk.

Integrated Virtual and In-person Care for Family Medicine*

Faculty Investigator: Jay Shore, MD

The goal of this project is to increase access to behavioral health and psychiatry services for Medicaid patients at the Department of Family Medicine’s and CU Medicine’s Family Medicine practices. This approach is accomplished through virtual and in-person integrated behavioral health services utilizing a hybrid model of in-person and virtual team-based care in collaboration with Department of Family Medicine, the Helen and Arthur E Johnson Depression Center (JDC), and the Department of Psychiatry. The model uses a stepped-care approach (increasing behavioral health intervention matched with patient need) to behavioral health, offering on-site behavioral health screening, triage, assessment and definitive management. These services are enhanced with tele-psychiatry, which provides psychiatric assessment, guidance, treatment planning, and consultation via phone, email, electronic health record review and videoconferencing to the on-sight team including both direct encounters (patient visits) and indirect encounters (provider to provider) collaborative consultation.

A Whole Health and Motivational Interviewing Training Institute

Project Investigator: Chad Morris, PhD

The Behavioral Health and Wellness Program (BHWP) is an innovative programming that provides training to healthcare providers that explicitly focuses on promoting positive behavioral change through motivational engagement and other strategies. This may include training related to tobacco/nicotine cessation, nutrition, physical activity, healthy sleep, stress management, among others. Funding from the UPL allows healthcare providers to participate in these trainings at no cost. This effort will be instrumental in elevating patient care and expanding the utilization of evidence-based wellness services as delivered by these trained providers.



Beyond the Campus

How we gave back to our larger community

Advocates for Mental Health

The Advocates for Mental Health (AMH) is a trainee-focused organization which seeks to promote mental wellness and reduce the stigma surrounding mental health by hosting events and promoting open dialogues among all members of our community. In 2019, AMH hosted its fourth Anti-Stigma Panel which featured students, faculty and residents who shared their personal experiences balancing mental health and dealing with stigma during the course of their professional and academic careers. In addition, we were ecstatic to add three Lead Advocates to our leadership team this year: Dr. Julia Derk (postdoc, Siegenthaler Lab), Christina Como (Neuroscience PhD student), and Alexis Catala (Structural Biology & Biochemistry PhD student).

The Colorado Pediatric Psychiatry Consultation & Access Program

The severe workforce shortage of child and adolescent psychiatrists in Colorado limits access to specialty mental health care. The goal of the Colorado Pediatric Psychiatry Consultation & Access Program (CoPPCAP) is to increase access to child and adolescent mental health services across the State of Colorado by providing “in time” consultation to Primary Care Providers (PCPs) in their practices. The core components of CoPPCAP are peer-to-peer consultation, education, identification of local resources, and face-to-face or telehealth patient consultations to guide care. Sandra Fritsch, MD. serves as the Medical Director and the Project Director of CoPPCAP. Xiaoshen Jin, PhD. is the Program Manager; Kristin Larpenter, MS. is the Clinical Care Coordinator. The program was officially launched in September 2019. Publicly accessible website is www.coppccap.org. The first practice was enrolled Sept 2019, by end of December 2019 there were 10 practices, representing approximately 65 providers. Estimated child & adolescent covered lives are 66,889. Medicaid makes up 33% of the payer mix. CoPPCAP provided 52 consultations, 11 Lunch & Learn trainings. Education topics including depression, anxiety, screening tools and suicide prevention. What CoPPCAP participants have said about the program, “I am so happy with your program. I take one piece of information from a consult and it’s like a big cascade to apply with so many other patients!” -- Maura Capaul, FNP, Lafayette Pediatrics and Internal Medicine. With education as a core component; in 2020, the following are in development: Colorado Care Guide; ECHO 1.0 series “Pediatric Psychiatry in the Primary Care Setting” Core Essentials for 8 consecutive weeks, as well as the Beyond Core Essentials ECHO 2.5 series; last but not least, the first CoPPCAP Annual Learning Collaborative virtual meeting in September 2020.

30-DAY MENTAL HEALTH CHALLENGE



Dr. Helen Coons Featured in Good Housekeeping Magazine

Dr. Helen Coons worked with Good Housekeeping to develop a 30-day mental health challenge published in April 2019. The idea behind the challenge was that setting small, attainable goals helps us sustain good health behavior, including mental health. The challenge consisted of 30 different behaviors - one per day - to support better mental health, such as taking a walk, asking for help, watching a silly video, or a phone-free night.



Holiday Giving Initiative

The Department of Psychiatry has actively participated in opportunities to give back to the community throughout the year. This holiday season, the department hosted a Holiday Giving Initiative, for which the Departmental Giving Committee members selected several organizations and families to sponsor including Peer I, the Comitis Crisis Center and five local families. Peer I houses 85 male clients at the ARTS (Addiction Research and Treatment Services) program and this year Peer I is in need of long-underwear, socks, gloves and winter hats. Many of the men work outdoors and these items will help keep them warm. According to Angi Wold at ARTS, "Last year the Department of Psychiatry graciously supported the ARTS Peer I program with a giving initiative that provided our men with much needed items and they were overwhelmed with gratitude. Your continued support of the ARTS Peer I program helps men successfully transition back into the community and your support is greatly appreciated."

Child Psychiatry: Youth Action Board

Faculty Investigators: Laura Anthony and Amy Engelman

Youth Participatory Action Research Leads to School-based Mental Health Advocacy: During the 2018-2019 school year, YAB's 6th year, with funding from Community First Foundation, YAB researched the mental health needs of youth in the Denver metro area to inform their advocacy efforts. Facilitated by Dr. Amy Engelman of Intentional Inquiry and Tony Edelblute, LPC, YAB developed and implemented a qualitative research project. Forty-nine youth were interviewed by the 19 YAB Denver metro area high school student members about supports and hindrances to their mental wellness. Participants were also from the Denver metro area ages 15-19 and had diverse backgrounds with respect to race, ethnicity, sexual orientation, and experience with the mental health system. The most telling finding was that the majority of youth had never had that long of a conversation (10-15 minutes) about mental health and were interested in more. YAB's analysis of the interview data revealed five key findings: stigma is presenting more commonly in the form of humor, the pressure to succeed (especially from schools) can worsen mental health, school resources are largely unknown and perceived as unavailable or inaccessible, in-person conversations are still highly valued above social media or hotline options for support, and social media has complicated mental health by helping some and hurting others or both at different times, and teenagers are action-focused and want to be part of the solution to the youth mental health crisis. In addition to presenting to preventionists across the state, CHCO staff, and other youth leaders, this research informed YAB's focus on school-based advocacy and resources for the 2019-20 school year, which was supported by IMA Foundation and First Bank. Facilitated by Dr. Amy Engelman and Dr. Laura Anthony, YAB members created individual advocacy plans for their schools, such as peer mentoring programs and mental health training for educators, in order to provide support and relief for their peers and other teenagers. Based on the community-driven nature of this work, The Colorado Health Foundation has granted YAB over \$75,000 to support the implementation of their plans in 2020-21.

Staff Council School Supply Drive

In late summer, the DOPych worked with University Staff Council to collect and share school supplies for local families. These supplies were shared primarily with immigrant and refugee children in our area who were in need of items in order to be prepared for the start of classes this fall.



The Fun Side of DOPsych!

Courage Classic

Courage Classic: The Courage Classic Bicycle Tour is the single largest gathering of people coming together to raise money for Children's Hospital Colorado. The Psyched to Climb team will be riding to raise awareness and money for all Colorado children with mental health challenges.

Courage Classic aims to drive awareness and financial support for the care of children and families who require early prevention, ongoing therapy, and access to the medical professionals who can make a difference for kids who need it most...for the kids who have a much larger mountain to climb. Whether you ride or not, there's a way to help the cause.



PMHI Team Participants: 35

Total Participants: 2,500

Funds Raised: \$93,000



PMHI Team Participants: 40

Total Participants: 110

Funds Raised: \$65,000"

Climbing for Kids

"Climbing for Kids: Climbing for Kids is a charity 14'er mountain climb benefiting Children's Hospital Colorado helping to fund and support Colorado children with Pediatric Mental Health challenges.

The charity climb aims to drive awareness and financial support for the care of children and families who require early prevention, ongoing therapy and access to the medical professionals who can make a difference for the kiddos that need it most.

Whether you've ever climbed a 14'er before or not, there's always a way to help the cause.

Anschutz Block Party! Department of Psychiatry's Booth

The journey toward building an identity is ongoing, and the Block Party provided several opportunities for both professional and personal growth. At the Department's booth behavioral health professionals made themselves available to answer questions about mental health.

A big "thanks" goes out to all of our faculty and staff who took the time to meet our campus colleagues and discuss mental health. This was a fun, non-stigmatizing way for us to help others better understand psychiatry and behavioral health.



End-of-Year Party at the Museum of Nature and Science

The Annual Department of Psychiatry Holiday party celebration took place on Friday, December 13th 2019 between 6:30 and 9:30 pm at the Denver Museum of Nature and Science and particularly in the Schlessman Lobby. This event has traditionally been a catered to the whole department and provide an opportunity for our faculty and staff from various divisions and sites to gather, with an emphasis on celebrating our trainees and having Dr. Davies deliver a Thank you speech to our residents and fellows. This event included catered hors d'oeuvre and food stations and a cash bar. Part of the celebration included the option to visit the Australia & South Pacific Exhibit Hall as well as the North American Indian Cultures Hall and partaking into a scavenger hunt organized by Melissa Sinclair involving finding some raindeers in various hidden spots of the museum. Dr. Epperson surprised the guests with a band called "Alive on Arrival" which is a Denver-based eclectic Soul Funk Band with New Orleans roots-driven Rock that has been Burning up the Denver Metro Area with it's rigid-edged Funk. I would say that the epic moment of the night was when our Chair lead the way on the dancefloor with Dr. Freedman.



All Staff Holiday Party

Last year, the Department of Psychiatry administrative office hosted an all-staff holiday event where about 55 staff from Children's Hospital Colorado and University of Colorado Anschutz joined together for an afternoon of holiday fun and Christmas Carol's streaming on YouTube. The event occurred on December 13th, 2019 at 11 AM and was held in the Skaggs School of Pharmacy conference room.

Lunch was provided by Illegal Pete's, and dessert goodies were provided by the staff. Various games were played, including bingo, and Christmas trivia for a chance to win a host of random small gifts provided by Melissa Sinclair.

DECEMBER JEOPARDY

Jeopardy is held in December on the last Wednesday before Christmas (give or take a week with schedules) It is facilitated by Chris Schneck, MD who is the host and creator of the questions. The game functions exactly how the television version does, with the same scoring system, rules, rounds and daily doubles. The teams are residents/fellows vs. faculty. The questions for the most part are based on the practice of and the history of psychiatry, with some fun categories thrown in. The winner of the game gets the Golden Freud award to proudly display for the following year. Chris' blurb: I had created something similar when I was a resident at Yale, though nothing very elaborate. I started Jeopardy in 2004, really based on one little-known fact that I thought the department would be interested in: that our previous department chair, James Shore, had a speaking part in a movie that won the Academy Award for best picture in 1976—One Flew Over the Cuckoo’s Nest



APPENDIX

Alexander, K., Kenworthy, L., Anthony, L., Childress, D., Verbalis, A., Armour, A., Kocher, K., Troxel, M., Cannon, L., Werner, M. (2019). Leveraging Technology To Develop a Feasible, Acceptable, and Effective Alternative to In-Person Parent Education Sessions. *American Journal of Occupational Therapy*, 73 (4_Supplement_1):7311520397. <https://doi.org/10.5014/ajot.2019.73S1-PO2038>

Althoff, R. R., & Novins, D. K. (2019). Inaugural Review Issue. *Journal of the American Academy of Child & Adolescent Psychiatry*, 58(1), 6–7. <https://doi.org/10.1016/j.jaac.2018.11.002>

Anthony, B. J., Robertson, H. A., Verbalis, A., Myrick, Y., Troxel, M., Seese, S., & Anthony, L. G. (2019). Increasing autism acceptance: The impact of the Sesame Street “See Amazing in All Children” initiative. *Autism*, 24(1), 95–108. <https://doi.org/10.1177/1362361319847927>

Anthony, B. J., Serkin, C., Kahn, N., Troxel, M., & Shank, J. (2019). Tracking progress in peer-delivered family-to-family support. *Psychological Services*, 16(3), 388–401. <https://doi.org/10.1037/ser0000256>

Ariefdjohan, M., Malmberg, J., Lindwall, J., Carubia, B., & Judd-Glossy, L. (2019) Mental Health Providers and Trainees’ Experience of Treating Pediatric Patients with Psychogenic Non-Epileptic Seizures (PNES): A Clinical Survey. *Colorado Journal of Psychiatry and Psychology*, 3(1), 67-75

Ashby, B. D., Ehmer, A. C., & Scott, S. M. (2019). Trauma-informed care in a patient-centered medical home for adolescent mothers and their children. *Psychological Services*, 16(1), 67–74. <https://doi.org/10.1037/ser0000315>

Asherin, R. M., Everhart, K. D., Stophaeros, S. L., Vogeli, J. M., Fowler, J., Phiel, C. J., & Kaplan, P. S. (2019). Associations between maternal depression and mother and infant oxytocin receptor gene (OXTR_rs53576) polymorphisms. *Developmental Psychobiology*, 62(4), 496–504. <https://doi.org/10.1002/dev.21938>

Avey, J. P., Moore, L., Beach, B., Hiratsuka, V. Y., Dirks, L. G., Dillard, D. A., & Novins, D. (2019). Pilot of a screening, brief intervention and referral to treatment process for symptoms of trauma among primary care patients. *Family Practice*, 37(3), 374–381. <https://doi.org/10.1093/fampra/cmz090>

Barger, B., Moody, E. J., Ledbetter, C., D’Abreu, L., Hepburn, S., & Rosenberg, S. A. (2019). Temperament Similarities and Differences: A Comparison of Factor Structures from the Behavioral Style Questionnaire in Children with and Without Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, 49(5), 1749–1762. <https://doi.org/10.1007/s10803-018-03866-1>

Barnes, A. J., Anthony, B. J., Karatekin, C., Lingras, K. A., Mercado, R., & Thompson, L. A. (2019). Identifying adverse childhood experiences in pediatrics to prevent chronic health conditions. *Pediatric Research*, 87(2), 362–370. <https://doi.org/10.1038/s41390-019-061arch>, 3(4), e13682. <https://doi.org/10.2196/13682>

Berman, B. D., Groth, C. L., Shelton, E., Sillau, S. H., Sutton, B., Legget, K. T., & Tregellas, J. R. (2019). Hemodynamic responses are abnormal in isolated cervical dystonia. *Journal of Neuroscience Research*, 98(4), 692–703. <https://doi.org/10.1002/jnr.24547>

Bertollo, J. R., Strang, J. F., Anthony, L. G., Kenworthy, L., Wallace, G. L., & Yerys, B. E. (2019). Adaptive Behavior in Youth with Autism Spectrum Disorder: The Role of Flexibility. *Journal of Autism and Developmental Disorders*, 50(1), 42–50. <https://doi.org/10.1007/s10803-019-04220-9>

Boness, C. L., Korucuoglu, O., Ellingson, J. M., Merrill, A. M., McDowell, Y. E., Trela, C. J., Sher, K. J., Piasecki, T. M., & Kerns, J. G. (2019). Twenty-first birthday drinking: Extreme-drinking episodes and white matter microstructural changes in the fornix and corpus callosum. *Experimental and Clinical Psychopharmacology*. <https://doi.org/10.1037/pha0000336>

Border, R., Smolen, A., Corley, R. P., Stallings, M. C., Brown, S. A., Conger, R. D., Derringer, J., Donnellan, M. B., Haberstick, B. C., Hewitt, J. K., Hopfer, C., Krauter, K., McQueen, M. B., Wall, T. L., Keller, M. C., & Evans, L. M. (2019). Imputation of behavioral candidate gene repeat variants in 486,551 publicly-available UK Biobank individuals. *European Journal of Human Genetics*, 27(6), 963–969. <https://doi.org/10.1038/s41431-019-0349-x>

Brooks-Russell, A., Runyan, C., Betz, M. E., Tung, G., Brandspigel, S., & Novins, D. K. (2019). Law Enforcement Agencies' Perceptions of the Benefits of and Barriers to Temporary Firearm Storage to Prevent Suicide. *American Journal of Public Health*, 109(2), 285–288. <https://doi.org/10.2105/ajph.2018.304802>

Brymer, M. J., Louie, K., & Berkowitz, S. J. (2019). Prevention of PTSD in Children and Adolescents. *Psychiatric Annals*, 49(7), 320–324. <https://doi.org/10.3928/00485713-20190603-01>

Burgamy, S., Williams, M., Krishnan, M., & Russell, G. (2019). Clinician's digest: Clinically oriented article summaries for Vol. 6 Issue 3. *Psychology of Sexual Orientation and Gender Diversity*, 6(3), 392-395.

Calcaterra, S. L., Hopfer, C. J., Keniston, A., & Hull, M. L. (2019). Changes in Healthcare Encounter Rates Possibly Related to Cannabis or Alcohol following Legalization of Recreational Marijuana in a Safety-Net Hospital. *Journal of Addiction Medicine*, 13(3), 201–208. <https://doi.org/10.1097/adm.0000000000000480>

Call, D., Murphy, J. (2019). Mental Health Care for the Child and Adolescent Transgender Patient. Cecile, F. (Eds.) *Comprehensive Care of the Transgender Patient*, 12-24, Elsevier Inc.

Carney, T., Yager, J., Maguire, S., & Touyz, S. W. (2019). Involuntary Treatment and Quality of Life. *Psychiatric Clinics of North America*, 42(2), 299–307. <https://doi.org/10.1016/j.psc.2019.01.011>

Carr, A. L., Jones, J., Mikulich Gilbertson, S., Laudenslager, M. L., Kutner, J. S., Kilbourn, K., Sannes, T. S., Brewer, B. W., Kolva, E., Joshi, T., & Amoyal Pensak, N. (2019). Impact of a Mobilized Stress Management Program (Pep-Pal) for Caregivers of Oncology Patients: Mixed-Methods Study. *JMIR Cancer*, 5(1), e11406. <https://doi.org/10.2196/11406>

Chödrön, G., Pizur-Barnekow, K., Viehweg, S., Puk-Ament, A., & Barger, B. (2019). Childcare providers' attitudes, knowledge, and practice related to developmental monitoring to promote early identification and referral. *Early Child Development and Care*, 1–15. <https://doi.org/10.1080/03004430.2019.1626373>

Chung, Y. S., Poppe, A., Novotny, S., Epperson, C. N., Kober, H., Granger, D. A., Blumberg, H. P., Ochsner, K., Gross, J. J., Pearson, G., & Stevens, M. C. (2019). A preliminary study of association between adolescent estradiol level and dorsolateral prefrontal cortex activity during emotion regulation. *Psychoneuroendocrinology*, 109, 104398. <https://doi.org/10.1016/j.psyneuen.2019.104398>

Clementi, M. A., & Zimmerman, C. T. (2019). Psychosocial considerations and recommendations for care of pediatric patients on dialysis. *Pediatric Nephrology*, 35(5), 767–775. <https://doi.org/10.1007/s00467-019-04227-5>

Clementi, M. A., Chang, Y.-H., Gambhir, R., Lebel, A., & Logan, D. E. (2019). The Impact of Sleep on Disability and School Functioning: Results From a Tertiary Pediatric Headache Center. *Journal of Child Neurology*, 35(3), 221–227. <https://doi.org/10.1177/0883073819887597>

Clementi, M. A., Faraji, P., Poppert Cordts, K., MacDougall, K., Wilson, A., Palermo, T. M., & Lewandowski Holley, A. (2019). Parent Factors are Associated With Pain and Activity Limitations in Youth With Acute Musculoskeletal Pain. *The Clinical Journal of Pain*, 35(3), 222–228. <https://doi.org/10.1097/ajp.0000000000000668>

Cole, J. B., Klein, L. R., Mullinax, S. Z., Nordstrom, K. D., Driver, B. E., & Wilson, M. P. (2019). Study Enrollment When “Preconsent” Is Utilized for a Randomized Clinical Trial of Two Treatments for Acute Agitation in the Emergency Department. *Academic Emergency Medicine*, 26(5), 559–566. <https://doi.org/10.1111/acem.13673>

Corsi, K. F., Shoptaw, S., Alishahi, M., & Booth, R. E. (2019). Interventions to Reduce Drug Use Among Methamphetamine Users at Risk for HIV. *Current HIV/AIDS Reports*, 16(1), 29–36. <https://doi.org/10.1007/s11904-019-00423-y>

Costello, L. H., Suh, C., Burnett, B., Kelsay, K., Bunik, M., & Talmi, A. (2019). Addressing Adolescent Depression in Primary Care: Building Capacity Through Psychologist and Pediatrician Partnership. *Journal of Clinical Psychology in Medical Settings*. <https://doi.org/10.1007/s10880-019-09680-w>

Coyle, R. P., Schneck, C. D., Morrow, M., Coleman, S. S., Gardner, E. M., Zheng, J.-H., Ellison, L., Bushman, L. R., Kiser, J. J., Mawhinney, S., Anderson, P. L., & Castillo-Mancilla, J. R. (2019). Engagement in Mental Health Care is Associated with Higher Cumulative Drug Exposure and Adherence to Antiretroviral Therapy. *AIDS and Behavior*, 23(12), 3493–3502. <https://doi.org/10.1007/s10461-019-02441-8>

Crouch, J. L., Davila, A. L., Holzman, J. B., Hiraoka, R., Rutledge, E., Bridgett, D. J., Milner, J. S., & Skowronski, J. J. (2019). Perceived Executive Functioning in Parents at Risk for Child Physical Abuse. *Journal of Interpersonal Violence*, 1-10. <https://doi.org/10.1177/0886260519851185>

Curry, A.B. (2019) Use the power of “and.” In Simpson, S., McDowell, A., Taylor. & Francis. (Eds.) *Clinical Interview: Techniques for More Effective Patient Encounters*, Rutledge.

Dagan, Y., & Yager, J. (2019). Addressing Loneliness in Complex PTSD. *The Journal of Nervous and Mental Disease*, 207(6), 433–439. <https://doi.org/10.1097/nmd.0000000000000992>

Dagan, Y., & Yager, J. (2019). Posttraumatic Growth in Complex PTSD. *Psychiatry*, 82(4), 329–344. <https://doi.org/10.1080/00332747.2019.1639242>

Davis, D. (2019) Complementary and Integrative Health in Chronic Pain and Palliative Care. In Moore, R.J. (Eds.) *Handbook of Pain and Palliative Care: Biopsychosocial and Environmental Approaches for the Life Course Second Edition*, Springer.

Davis, R. (2019). Exposure And Response Prevention (ERP) for OCD. United States. <https://www.erp4ocd.com>

Dempsey, A. G. (Ed.) (2019). *Pediatric health conditions in schools: a clinician's guide for working with children, families, and educators*. Oxford University Press.

Dempsey, J., & Dempsey, A. G. (2019). Autism Spectrum Disorder Severity, Developmental Delays, and Overweight/Obese Weight Status. *The Journal of Pediatrics*, 205, 9–11. <https://doi.org/10.1016/j.jpeds.2018.10.046>

Dempsey, J., Barton, A., Dempsey, A.G., & Chapman, S. Social and emotional issues related to chronic health conditions. (2019) In Dempsey A. G. (Ed.), *Pediatric health conditions in schools: a clinician's guide for working with children, families, and educators*. Oxford University Press.

Deveney, C. M., Stoddard, J., Evans, R. L., Chavez, G., Harney, M., & Wulff, R. A. (2019). On defining irritability and its relationship to affective traits and social interpretations. *Personality and Individual Differences*, 144, 61–67. <https://doi.org/10.1016/j.paid.2019.02.031>

Donahue, A., & Yager, J. (2019). How to Approach Mentorship as a Mentee. In Roberts, L. (Ed.), *The Academic Medicine Handbook: A guide to achievement and fulfillment for academic faculty Second Edition*(pp. 157-162). Springer.

Donaldson, A. M., Hays, T. M., & Romani, P. W. (2019). Autism spectrum disorder: Effects on child and family functioning. *Journal for Student Research*, 8, 71 – 76.

Duncan, A. F., Bann, C. M., Dempsey, A. G., Adams-Chapman, I., Heyne, R., & Hintz, S. R. (2019). Neuroimaging and Bayley-III correlates of early hand function in extremely preterm children. *Journal of Perinatology*, 39(3), 488–496. <https://doi.org/10.1038/s41372-019-0314-0>

Duncan, A.F., Bann, C.M., Dempsey, A., Peralta-Carcelen, M., & Hintz, S. (2019). Behavioral Deficits at 18-22 Months of Age Are Associated with Early Cerebellar Injury and Cognitive and Language Performance in Children Born Extremely Preterm. *Journal Pediatrics*, 204, 148-156.e4. <https://doi.org/10.1016/j.jpeds.2018.08.059>.

Ellingson, J. M., Bidwell, L. C., Hopfer, C. J., Hutchison, K. E., & Bryan, A. D. (2019). Correlates and Potential Confounds of Cannabis Withdrawal Among High-Risk Adolescents. *Journal of Studies on Alcohol and Drugs*, 80(5), 557–562. <https://doi.org/10.15288/jsad.2019.80.557>

Epperson, C. N., & Bale, T. L. (2019). Deciphering the Brain Before Birth. *Biological Psychiatry*, 85(2), 90. <https://doi.org/10.1016/j.biopsych.2018.11.005>

Esbensen, A. J., Hoffman, E. K., Shaffer, R., Chen, E., Patel, L., & Jacola, L. (2019). Reliability of Informant-Report Measures of Executive Functioning in Children With Down Syndrome. *American Journal on Intellectual and Developmental Disabilities*, 124(3), 220–233. <https://doi.org/10.1352/1944-7558-124.3.220>

Fidler, D. J., Schworer, E., Will, E. A., Patel, L., and Daunhauer, L. A. (2019) Correlates of early cognition in infants with Down syndrome. *Journal of Intellectual Disability Research*, 63, 205– 214. <https://doi.org/10.1111/jir.12566>.

Freedman, R., Hunter, S. K., Law, A. J., Wagner, B. D., D'Alessandro, A., Christians, U., Noonan, K., Wyrwa, A., & Hoffman, M. C. (2019). Higher Gestational Choline Levels in Maternal Infection Are Protective for Infant Brain Development. *The Journal of Pediatrics*, 208, 198-206.e2. <https://doi.org/10.1016/j.jpeds.2018.12.010>

Fritsch, S. (2019). Book Forum: Review of *Boy Meets Depression: Or Life Sucks and Then You Die* by Breel, K. *Journal of the American Academy of Child & Adolescent Psychiatry*, 58(4), 463-464. [https://www.jaacap.org/article/S0890-8567\(19\)30176-5/fulltext](https://www.jaacap.org/article/S0890-8567(19)30176-5/fulltext)

Fritsch, S. (Ed.). (2019). 42.1 Depression Screening & Treatment: Opportunities & Considerations. *Journal of the American Academy of Child & Adolescent Psychiatry*. [https://www.jaacap.org/article/S0890-8567\(19\)30859-7/fulltext](https://www.jaacap.org/article/S0890-8567(19)30859-7/fulltext)

Fritsch, S., & Gerwin, R. (2019). Coalitions for Advocacy & Collaboration. *JAACAP Connect*. https://els-jbs-prod-cdn.literatumonline.com/pb/assets/raw/Health%20Advance/journals/jaac/Article_6-1565708277793.pdf

Garver-Apgar, C. E., Morris, C. W., Garrett, K. M., Noland, D. H., Hansen, A. L., Kayser, A. M., & Morris, C. D. (2019). *RAISE Families for Health, Trainer Manual*.

Geppert, C., Yager, J., & Kerwin, J. (2019) *Futility: History and Definitions*. Chapter 11. In Westmoreland, P. (Ed.), *Tipping the Scales: ethical and legal dilemmas in managing severe eating disorders*, American Psychiatric Press, Inc.

Germone, M. M., Gabriels, R. L., Guérin, N. A., Pan, Z., Banks, T., & O'Haire, M. E. (2019). Animal-assisted activity improves social behaviors in psychiatrically hospitalized youth with autism. *Autism*, 23(7), 1740–1751. <https://doi.org/10.1177/1362361319827411>

Goss, C. W., Richardson, W. J., & Shore, J. H. (2019). Outcomes and Lessons Learned from the Tribal Veterans Representative Program: A Model for System Engagement. *Journal of Community Health*, 44(6), 1076–1085. <https://doi.org/10.1007/s10900-019-00683-0>

Grandin, T., Fine, A.H., O’Haire, M. E., Carlisle, G., & Robin Gabriels. (2019) The Roles of Animals for Individuals with Autism Spectrum Disorder. Fine, A. (Eds.) Handbook on animal assisted therapy: Foundations and guidelines for animal-assisted interventions 5th Ed. Academic Press.

"Griffith, J., & Yager, J. (2019). Administrative Supervision. In De Golia, S.G., & Corcoran, K.M. (Eds.), Supervision in Psychiatric Practice: Practical Approaches Across Venues and Providers, (pp. 245-252). American Psychiatric Association Publishing.

"

Hagerty, S. L., Ellingson, J. M., Helmuth, T. B., Bidwell, L. C., Hutchison, K. E., & Bryan, A. D. (2019). An Overview and Proposed Research Framework for Studying Co-Occurring Mental- and Physical-Health Dysfunction. Perspectives on Psychological Science, 14(4), 633–645.
<https://doi.org/10.1177/1745691619827010>

Hagler, D.J., Hatton, S., Cornejo, M.D., Makowski, C., Fair, D.A., Dick, A.S., Sutherland, M.T., Casey, B.J., Barch, D.M., Harms, M.P., Watts, R., Bjork, J.M., Garavan, H.P., Hilmer, L., Pung, C.J., Sicat, C.S., Kuperman, J., Bartsch, H., Xue, F., Heitzeg, M.M., Laird, A.R., Trinh, T.T., Gonzalez, R., Tapert, S.F., Riedel, M.C., Squeglia, L.M., Hyde, L.W., Rosenberg, M.D., Earl, E.A., Howlett, K.D., Baker, F.C., Soules, M., Diaz, J., de Leon, O.R., Thompson, W.K., Neale, M.C., Herting, M., Sowell, E.R., Alvarez, R.P., Hawes, S.W., Sanchez, M., Bodurka, J., Breslin, F.J., Morris, A.S., Paulus, M.P., Simmons, W.K., Polimeni, J.R., van der Kouwe, A., Nencka, A.S., Gray, K.M., Pierpaoli, C., Matochik, J.A., Noronha, A., Aklin, W.M., Conway, K., Glantz, M., Hoffman, E., Little, R., Lopez, M., Pariyadath, V., Weiss, S.R., Wolff-Hughes, D.L., DelCarmen-Wiggins, R., Feldstein Ewing, S.W., Miranda-Dominguez, O., Nagel, B.J., Perrone, A.J., Sturgeon, D.T., Goldstone, A., Pfefferbaum, A., Pohl, K.M., Prouty, D., Uban, K., Bookheimer, S.Y., Dapretto, M., Galvan, A., Bagot, K., Giedd, J., Infante, M.A., Jacobus, J., Patrick, K., Shilling, P.D., Desikan, R., Li, Y., Sugrue, L., Banich, M.T., Friedman, N., Hewitt, J.K., Hopfer, C., Sakai, J., Tanabe, J., Cottler, L.B., Nixon, S.J., Chang, L., Cloak, C., Ernst, T., Reeves, G., Kennedy, D.N., Heeringa, S., Peltier, S., Schulenberg, J., Sripada, C., Zucker, R.A., Iacono, W.G., Luciana, M., Calabro, F.J., Clark, D.B., Lewis, D.A., Luna, B., Schirda, C., Brima, T., Foxe, J.J., Freedman, E.G., Mruzek, D.W., Mason, M.J., Huber, R., McGlade, E., Prescott, A., Renshaw, P.F., Yurgelun-Todd, D.A., Allgaier, N.A., Dumas, J.A., Ivanova, M., Potter, A., Florsheim, P., Larson, C., Lisdahl, K., Charness, M.E., Fuemmeler, B., Hettema, J.M., Maes, H.H., Steinberg, J., Anokhin, A.P., Glaser, P., Heath, A.C., Madden, P.A., Baskin-Sommers, A., Constable, R.T., Grant, S.J., Dowling, G.J., Brown, S.A., Jernigan, T.L., & Dale, A.M. (2019). Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. Neuroimage, 202, 116091. <https://doi.org/10.1016/j.neuroimage.2019.116091>.
Halliday, T. M., Polsky, S., Schoen, J. A., Legget, K. T., Tregellas, J. R., Williamson, K. M., & Cornier, M. (2019). Comparison of surgical versus diet-induced weight loss on appetite regulation and metabolic health outcomes. Physiological Reports, 7(7), e14048. <https://doi.org/10.14814/phy2.14048>

Hantsoo, L., Jašarević, E., Criniti, S., McGeehan, B., Tanes, C., Sammel, M. D., Elovitz, M. A., Compher, C., Wu, G., & Epperson, C. N. (2019). Childhood adversity impact on gut microbiota and inflammatory response to stress during pregnancy. Brain, Behavior, and Immunity, 75, 240–250.
<https://doi.org/10.1016/j.bbi.2018.11.005>

Hantsoo, L., Kornfield, S., Anguera, M. C., & Epperson, C. N. (2019). Inflammation: A Proposed Intermediary Between Maternal Stress and Offspring Neuropsychiatric Risk. Biological Psychiatry, 85(2), 97–106.
<https://doi.org/10.1016/j.biopsych.2018.08.018>

Hantsoo, L., Kornfield, S., Iannelli, C., Podcasy, J., Metzger, D., Sammel, M. D., & Epperson, C. N. (2019). Glucocorticoid–immune response to acute stress in women and men living with HIV. Journal of Behavioral Medicine, 42(6), 1153–1158. <https://doi.org/10.1007/s10865-019-00029-0>

Haraden, D. A., Mullin, B. C., & Hankin, B. L. (2019). Internalizing symptoms and chronotype in youth: A longitudinal assessment of anxiety, depression and tripartite model. Psychiatry Research, 272, 797–805.
<https://doi.org/10.1016/j.psychres.2018.12.117>

Heiman, N., & Shalgi, B. (2019): Waltz with Bashir – The dialectic of escaping and confronting traumatic experiences. The International Journal of Psychoanalysis, 101(1), 196 209,
<https://doi.org/10.1080/00207578.2019.1645568>

Heiman, N., Davis, R., & Rothberg, B.(2019) A deeper understanding of depression and suicidality among medical students. Medical Teacher, 41(6), 711-713. <https://doi.org/10.1080/0142159X.2018.1467559>

Hilty, D. M., Unützer, J., Ko, D.-G., Luo, J., Worley, L. L. M., & Yager, J. (2019). Approaches for Departments, Schools, and Health Systems to Better Implement Technologies Used for Clinical Care and Education. Academic Psychiatry, 43(6), 611–616. <https://doi.org/10.1007/s40596-019-01074-2>

Hilty, D. M., Yager, J., Osterhout, C., Randhawa, G., & Lorin Scher, L. (2020, February 28). Bulimia Nervosa: Practice Essentials, Background, Frequency. Medscape. <https://emedicine.medscape.com/article/286485-overview>

Hilty, D. M., Yager, J., Seritan, A. L., Levine, R., DeJong, S. M., & Borus, J. (2019). A Historical Review of Key Events and Components of Faculty and Professional Development in Psychiatry. Psychiatric Clinics of North America, 42(3), 357–373. <https://doi.org/10.1016/j.psc.2019.05.001>

Hiratsuka, V. Y., Moore, L., Avey, J. P., Dirks, L. G., Beach, B. D., Dillard, D. A., & Novins, D. K. (2019). An Internet-Based Therapeutic Tool for American Indian/Alaska Native Adults With Posttraumatic Stress Disorder: User Testing and Developmental Feasibility Study. JMIR Formative Research, 3(4), e13682.
<https://doi.org/10.2196/13682>

Hodes, G. E., & Epperson, C. N. (2019). Sex Differences in Vulnerability and Resilience to Stress Across the Life Span. Biological Psychiatry, 86(6), 421–432. <https://doi.org/10.1016/j.biopsych.2019.04.028>

Hoffenberg, E. J., McWilliams, S., Mikulich-Gilbertson, S., Murphy, B., Hoffenberg, A., & Hopfer, C. J. (2019). Cannabis Oil Use by Adolescents and Young Adults With Inflammatory Bowel Disease. Journal of Pediatric Gastroenterology and Nutrition, 68(3), 348–352. <https://doi.org/10.1097/mpg.0000000000002189>

Hoffman, M. C., Hunter, S. K., D’Alessandro, A., Noonan, K., Wyrwa, A., & Freedman, R. (2019). Interaction of maternal choline levels and prenatal Marijuana’s effects on the offspring. Psychological Medicine, 1–11.
<https://doi.org/10.1017/s003329171900179x>

"Hoffman, M.C., Olincy, A., D'Alessandro, A., Haines, J., Hansen, K., Hunter, S., Freedman, R., & Ross, R. (2019) Effects of phosphatidylcholine and betaine supplements on women's serum choline. Journal of Nutrition and Intermediary Metabolism, 16, 2352-3859. <https://doi.org/10.1016/j.jnim.2019.100094>

"

Hogan, J., Boykin, D., Schneck, C. D., Ecker, A. H., Fletcher, T. L., Lindsay, J. A., & Shore, J. H. (2019). Clinical Lessons from Virtual House Calls in Mental Health. *Psychiatric Clinics of North America*, 42(4), 575–586. <https://doi.org/10.1016/j.psc.2019.08.004>

Hood, V. L., Berger, R., Freedman, R., & Law, A. J. (2019). Transcription of PIK3CD in human brain and schizophrenia: regulation by proinflammatory cytokines. *Human Molecular Genetics*, 28(19), 3188–3198. <https://doi.org/10.1093/hmg/ddz144>

Hunter, S. K., Hoffman, M. C., D'Alessandro, A., Noonan, K., Wyrwa, A., Freedman, R., & Law, A. J. (2019). Male fetus susceptibility to maternal inflammation: C-reactive protein and brain development. *Psychological Medicine*, 1–10. <https://doi.org/10.1017/s0033291719003313>

Hunter, S.K., Hoffman, M.C., & Freedman, R. (2019) Targeting genetic and environmental risk for mental illness in the womb. *Schizophrenia Bulletin*. 45(Supplement_2), S126-S127. <https://doi.org/10.1093/schbul/sbz022.093>

Hutchison, K. E., Bidwell, L. C., Ellingson, J. M., & Bryan, A. D. (2019). Cannabis and Health Research: Rapid Progress Requires Innovative Research Designs. *Value in Health*, 22(11), 1289–1294. <https://doi.org/10.1016/j.jval.2019.05.005>

Jensen, A. M., Tregellas, J. R., Sutton, B., Xing, F., & Ghosh, D. (2019). Kernel machine tests of association between brain networks and phenotypes. *PLoS ONE*, 14(3), e0199340. <https://doi.org/10.1371/journal.pone.0199340>

Joshi S.V., & Ladegard, K. (2019) Summer Support in SBHCs for Students with Mental Health Needs. AAP Council on School Health.

Judd-Glossy, L., Ariefdjohan, M., Curry, S., Ketzer, J., Pena, A., & Bischoff, A. (2019). A survey of adults with anorectal malformations: perspectives on educational, vocational, and psychosocial experiences. *Pediatric Surgery International*, 35(9), 953–961. <https://doi.org/10.1007/s00383-019-04508-y>

Karoly, H. C., Ross, J. M., Ellingson, J. M., & Feldstein Ewing, S. W. (2019). Exploring Cannabis and Alcohol Co-Use in Adolescents: A Narrative Review of the Evidence. *Journal of Dual Diagnosis*, 16(1), 58–74. <https://doi.org/10.1080/15504263.2019.1660020>

Karoly, H. C., Schacht, J. P., Jacobus, J., Meredith, L. R., Taylor, C. T., Tapert, S. F., Gray, K. M., & Squeglia, L. M. (2019). Preliminary evidence that computerized approach avoidance training is not associated with changes in fMRI cannabis cue reactivity in non-treatment-seeking adolescent cannabis users. *Drug and Alcohol Dependence*, 200, 145–152. <https://doi.org/10.1016/j.drugalcdep.2019.04.007>

Karoly, H. C., Schacht, J. P., Meredith, L. R., Jacobus, J., Tapert, S. F., Gray, K. M., & Squeglia, L. M. (2019). Investigating a novel fMRI cannabis cue reactivity task in youth. *Addictive Behaviors*, 89, 20–28. <https://doi.org/10.1016/j.addbeh.2018.09.015>

Keeshin, B. R., Berkowitz, S. J., & Pynoos, R. S. (2019). Pediatrician's Practical Approach to Sleep Disturbances in Children Who Have Experienced Trauma. *Pediatric Annals*, 48(7), e280–e285. <https://doi.org/10.3928/19382359-20190610-01>

Keller-Margulis, M. A., & Dempsey, A. G. (2019). Cognitive and Academic Performance of Preschool-Age Children Born Preterm. *Early Childhood Education Journal*, 48(2), 203–211. <https://doi.org/10.1007/s10643-019-00998-6>

Kelly, S. L., Steinberg, E. A., Suplee, A., Upshaw, N. C., Campbell, K. R., Thomas, J. F., & Buchanan, C. L. (2019). Implementing a Home-Based Telehealth Group Adherence Intervention with Adolescent Transplant Recipients. *Telemedicine and E-Health*, 25(11), 1040–1048. <https://doi.org/10.1089/tmj.2018.0164>

Kennedy, S. M., & Ehrenreich-May, J. (2019). Psychometric Properties of the Safety Maneuver Scale for Adolescents (SMS-A) and Relationship to Outcomes of a Transdiagnostic Treatment. *Child Psychiatry & Human Development*, 50(4), 702–716. <https://doi.org/10.1007/s10578-019-00874-9>

Kenworthy, L., & Anthony, L. G. (2019). Understanding and Using Neuropsychological Assessment. In Batshaw, M., Roizen, N., & Pellegrino, L. (Eds.), *Children with Disabilities* (Eighth ed.). Brookes Publishing.

Kerns, C. M., Berkowitz, S. J., Moskowitz, L. J., Drahota, A., Lerner, M. D., & Newschaffer, C. J. (2019). Screening and treatment of trauma-related symptoms in youth with autism spectrum disorder among community providers in the United States. *Autism*, 24(2), 515–525. <https://doi.org/10.1177/1362361319847908>

Khanna, A. D., Duca, L. M., Kay, J. D., Shore, J., Kelly, S. L., & Crume, T. (2019). Prevalence of Mental Illness in Adolescents and Adults With Congenital Heart Disease from the Colorado Congenital Heart Defect Surveillance System. *The American Journal of Cardiology*, 124(4), 618–626. <https://doi.org/10.1016/j.amjcard.2019.05.023>

Kim, D., Wang, E., McGheehan, B., O'Reardon, J., Sammel, M., & Epperson, C. (2019). Randomized Controlled Trial of Transcranial Magnetic Stimulation in Pregnant Women with Major Depressive Disorder. *Brain Stimulation*, 12(2), 425. <https://doi.org/10.1016/j.brs.2018.12.379>

Kitzman, H., Olds, D. L., Knudtson, M. D., Cole, R., Anson, E., Smith, J. A., Fishbein, D., DiClemente, R., Wingood, G., Caliendo, A. M., Hopfer, C., Miller, T., & Conti, G. (2019). Prenatal and Infancy Nurse Home Visiting and 18-Year Outcomes of a Randomized Trial. *Pediatrics*, 144(6), e20183876. <https://doi.org/10.1542/peds.2018-3876>

Krause, M., McWilliams, S. K., Bullard, K. J., Mayes, L. M., Jameson, L. C., Mikulich-Gilbertson, S. K., Fernandez-Bustamante, A., & Bartels, K. (2019). Neostigmine Versus Sugammadex for Reversal of Neuromuscular Blockade and Effects on Reintubation for Respiratory Failure or Newly Initiated Noninvasive Ventilation: An Interrupted Time Series Design. *Anesthesia & Analgesia*, 131(1), 141–151. <https://doi.org/10.1213/ane.0000000000004505>

Kromka, W., & Simpson, S. (2019). A Narrative Review of Predictors of Adult Mental Health Emergency Department Return Visits and Interventions to Reduce Repeated Use. *The Journal of Emergency Medicine*, 57(5), 671–682. <https://doi.org/10.1016/j.jemermed.2019.08.005>

LaRosa, K. N., Stern, M., Lynn, C., Hudson, J., Reed, D. R., Donovan, K. A., & Quinn, G. P. (2019). Provider perceptions' of a patient navigator for adolescents and young adults with cancer. *Supportive Care in Cancer*, 27(11), 4091–4098. <https://doi.org/10.1007/s00520-019-04687-3>

"

Last, B. S., Rudd, B. N., Gregor, C. A., Kratz, H. E., Jackson, K., Berkowitz, S., Zinny, A., Cliggitt, L. P., Adams, D. R., Walsh, L. M., & Beidas, R. S. (2019). Sociodemographic characteristics of youth in a trauma focused-cognitive behavioral therapy effectiveness trial in the city of Philadelphia. *Journal of Community Psychology*, 48(4), 1273–1293. <https://doi.org/10.1002/jcop.22306>

Laudenslager, M. L., Simoneau, T. L., Mikulich-Gilbertson, S. K., Natvig, C., Brewer, B. W., Sannes, T. S., Kilbourn, K., Gutman, J., & McSweeney, P. (2019). A randomized control trial of stress management for caregivers of stem cell transplant patients: Effect on patient quality of life and caregiver distress. *Psycho-Oncology*, 28(8), 1614–1623. <https://doi.org/10.1002/pon.5126>

Levi, M.E., Montague, B.T., Thurstone, C., Kumar, D., Huprikar, S.S., & Kotton, C.N., (2019) Executive Committee of the Infectious Diseases Community of Practice of the American Society of Transplantation, Marijuana use in transplantation: A call for clarity. *Clinical Transplantation*, 33(2), e13456. <https://doi.org/10.1111/ctr.13456>

Libbon, R., Gadbow, J., Watson, M., Rothberg, B., Sillau, S., Heru, A., & Strom, L. (2019). The feasibility of a multidisciplinary group therapy clinic for the treatment of nonepileptic seizures. *Epilepsy & Behavior*, 98, 117–123. <https://doi.org/10.1016/j.yebeh.2019.06.032>

Libbon, R., Triana, J., Heru, A., & Berman, E. (2019). Family Skills for the Resident Toolbox: the 10-min Genogram, Ecomap, and Prescribing Homework. *Academic Psychiatry*, 43(4), 435–439. <https://doi.org/10.1007/s40596-019-01054-6>

Lin, D., Hutchison, K. E., Portillo, S., Vegara, V., Ellingson, J. M., Liu, J., Krauter, K. S., Carroll-Portillo, A., & Calhoun, V. D. (2019). Association between the oral microbiome and brain resting state connectivity in smokers. *NeuroImage*, 200, 121–131. <https://doi.org/10.1016/j.neuroimage.2019.06.023>

Lintz, M. J., Thurstone, C., Hull, M., & Ladegard, K. (2019). Development of a School-Based Substance Treatment Model. *Journal of Child & Adolescent Substance Abuse*, 28(2), 127–131. <https://doi.org/10.1080/1067828x.2019.1623145>

"Lintz, M.J., Sutton, B., & Thurstone, C.(2019) Associations between school-based substance use treatment and academic outcomes. *Journal of Child and Adolescent Psychopharmacology*, 29(7), 554-558.<https://doi.org/10.1089/cap.2018.0178>

Liu, M., Jiang, Y., Wedow, R., Li, Y., Brazel, D.M., Chen, F., Datta, G., Davila-Velderrain, J., McGuire, D., Tian, C., Zhan, X., Choquet, H., Docherty, A.R., Faul, J.D., Foerster, J.R., Fritsche, L.G., Gabrielsen, M.E., Gordon, S.D., Haessler, J., Hottenga, J.J., Huang, H., Jang, S.K., Jansen, P.R., Ling, Y., Mägi, R., Matoba, N., McMahon, G., Mulas, A., Orrù, V., Palviainen, T., Pandit, A., Reginsson, G.W., Skogholt, A.H., Smith, J.A., Taylor, A.E., Turman, C., Willemsen, G., Young, H., Young, K.A., Zajac, G.J.M., Zhao, W., Zhou, W., Bjornsdottir, G., Boardman, J.D., Boehnke, M., Boomsma, D.I., Chen, C., Cucca, F., Davies, G.E., Eaton, C.B., Ehringer, M.A., Esko, T., Fiorillo, E., Gillespie, N.A., Gudbjartsson, D.F., Haller, T., Harris, K.M., Heath, A.C., Hewitt, J.K., Hickie, I.B., Hokanson, J.E., Hopfer, C.J., Hunter, D.J., Iacono, W.G., Johnson, E.O., Kamatani, Y., Kardia, S.L.R., Keller, M.C., Kellis, M., Kooperberg, C., Kraft, P., Krauter, K.S., Laakso, M., Lind, P.A., Loukola, A., Lutz, S.M., Madden, P.A.F., Martin, N.G., McGue, M., McQueen, M.B., Medland, S.E., Metspalu, A., Mohlke, K.L., Nielsen, J.B., Okada, Y., Peters, U., Polderman, T.J.C., Posthuma, D., Reiner, A.P., Rice, J.P., Rimm, E., Rose, R.J., Runarsdottir, V., Stallings, M.C., Stancáková, A., Stefansson, H., Thai, K.K., Tindle, H.A., Tyrfingsson, T., Wall, T.L., Weir, D.R., Weisner, C., Whitfield, J.B., Winsvold, B.S., Yin, J., Zuccolo, L., Bierut, L.J., Hveem, K., Lee, J.J., Munafò, M.R., Saccone, N.L., Willer, C.J., Cornelis, M.C., David, S.P., Hinds, D.A., Jorgenson, E., Kaprio, J., Stitzel, J.A., Stefansson, K., Thorgeirsson, T.E., Abecasis, G., Liu, D.J., & Vrieze, S. (2019) Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. *Nature Genetics*, 51(2), 237-244. <https://doi.org/10.1038/s41588-018-0307-5>

Livingston, R., Daily, R. S., Guerrero, A. P. S., Walkup, J. T., & Novins, D. K. (2019). No Indians to spare: Depression and suicide in indigenous American children and youth. *Child and Adolescent Psychiatric Clinics of North America*, 28(3), 497–507. <https://doi.org/10.1016/j.chc.2019.02.015>

Llorens, A., McKee, S., & Dempsey, A.G. (2019) Social and emotional issues related to chronic health conditions. In Dempsey, A. G. (Ed.), *Pediatric health conditions in schools: a clinician’s guide for working with children, families, and educators*, Oxford University Press.

"Locke, V., Pan, T., Harris, J.G., Saklofske, D., & Prifitera, A. (2019). WISC-V Use in Societal Context. In Weiss, L., Saklofske, D., Holdnack, J., & Prifitera, A. (Eds.), *WISC-V Clinical Use and Interpretation*, 2nd edition. Elsevier.

Lopez, A., Schwenk, S., Schneck, C. D., Griffin, R. J., & Mishkind, M. C. (2019). Technology-Based Mental Health Treatment and the Impact on the Therapeutic Alliance. *Current Psychiatry Reports*, 21(8). <https://doi.org/10.1007/s11920-019-1055-7>

Lynn, C., Chenneville, T., Bradley-Klug, K., St. John Walsh, A., Dedrick, R. F., & Rodriguez, C. A. (2019). Health Knowledge and Adherence as Predictors of Viral Burden and CD4+ T-Cell Count in Youth and Young Adults Living With HIV. *Journal of the Association of Nurses in AIDS Care*, 1. <https://doi.org/10.1097/jnc.0000000000000107>

Lynn, C., Chenneville, T., Bradley-Klug, K., Walsh, A. S. J., Dedrick, R. F., & Rodriguez, C. A. (2019). Depression, anxiety, and posttraumatic stress as predictors of immune functioning: differences between youth with behaviorally and perinatally acquired HIV. *AIDS Care*, 31(10), 1261–1270. <https://doi.org/10.1080/09540121.2019.1587354>

Mamtani, R., Wang, X. V., Gyawali, B., DiPaola, R. S., Epperson, C. N., Haas, N. B., & Dutcher, J. P. (2019). Association between age and sex and mortality after adjuvant therapy for renal cancer. *Cancer*, 125(10), 1637–1644. <https://doi.org/10.1002/cncr.31955>

McDonald, A. R., & Middleton, J. (2019). Applying a survival sex hierarchy to the commercial sexual exploitation of children: a trauma-informed perspective. *Journal of Public Child Welfare*, 13(3), 245–264. <https://doi.org/10.1080/15548732.2019.1590289>

Middleton, J. & McDonald, A. R. (2019). Creating sanctuary: Trauma informed change for survivors of sex trafficking and commercial sexual exploitation. In Winterdyk, J. & Jones, J. (Eds.) *Palgrave International Handbook on Human Trafficking*. Palgrave Macmillan

Miller, J. R. (2019). Comparing rapid assessments of delay discounting with real and hypothetical rewards in children. *Journal of the Experimental Analysis of Behavior*, 111(1), 48–58. <https://doi.org/10.1002/jeab.493>
Miller, J.R., Boles, R.E., & Daniels, S.R. (2019). *Pediatric lifestyle medicine*. Rippe, J.M. (Eds.), 3rd ed., *Lifestyle Medicine*, Boca Raton: CRC Press, 851-860.

Mixon, C.S., Owens, J.S., Hustus, C., Serrano, V.J., Holdaway, A.S. (2019). Evaluating the impact of online professional development on teachers' use of a targeted behavioral classroom intervention. *School Mental Health*. doi: 10.1007/s12310-018-9284-1

Morris, C. W., Garrett, K. M, Garver-Apgar, C. E., Hansen, A. L., Kayser, A. M., Noland, D. H., & Morris, C. D. (2019). *RAISE Families for Health, Group Facilitator Manual*.

Murnane, P. M., Miller, J. D., Tuthill, E. L., Collins, S. M., Neilands, T. B., Onono, M., Cohen, C. R., Weiser, S. D., Laudenslager, M. L., & Young, S. L. (2019). Perinatal Food Insecurity and Postpartum Psychosocial Stress are Positively Associated Among Kenyan Women of Mixed HIV Status. *AIDS and Behavior*, 24(6), 1632–1642. <https://doi.org/10.1007/s10461-019-02676-5>

Muther, E. (2019). *Sustaining Mental Health Care: Technology Closes the Distance*. Network News, Cystic Fibrosis Foundation Publications.

Muther, E.F. & Quittner, A. (2019). Which Psychosocial Interventions Might Help Me Manage My CF? Sher, Y., Georgiopoulos, A.M., & Stern, T.A. (Eds.), *Facing Cystic Fibrosis: A Guide for Patients and Their Families*. Massachusetts General Hospital Psychiatry Academy.

Nicoli, D., Carubia, B., & Penner, A. (2019). Behavioral Assistance Response Team Effectively Provides De-Escalation and Aggression Management at a Large Tertiary Children's Hospital. *Colorado Journal of Psychiatry and Psychology*, 3(1), 1-10.

Nokoff, N., Ariefdjohan, M., Travers, S., & Buchanan, C. (2019). Parent experience with volunteers and support groups in a multidisciplinary difference of sex development clinic. *Clinical Practice in Pediatric Psychology*. <https://doi.org/10.1037/cpp0000302>

Nordstrom, K., Berlin, J., Nash, S., Shah, S., Schmelzer, N., & Worley, L. (2019). Boarding of Mentally Ill Patients in Emergency Departments: American Psychiatric Association Resource Document. *Western Journal of Emergency Medicine*, 20(5), 690–695. <https://doi.org/10.5811/westjem.2019.6.42422>

Novick, A. M., & Ross, D. A. (2019). The Parable of Panic: Suffocation, Social Attachment, and the Critical Role of an Integrative, Biopsychosocial Formulation. *Biological Psychiatry*, 85(3), e5–e6. <https://doi.org/10.1016/j.biopsych.2018.11.023>

Novins, D. K., & McCauley, E. (2019). Editorial: Better Treatments and the Importance of Publishing Negative Clinical Trials. *Journal of the American Academy of Child & Adolescent Psychiatry*, 58(7), 668–669. <https://doi.org/10.1016/j.jaac.2019.05.002>

Nussbaum, A. M. (2019). Alternatives to War Within Medicine: From Conscientious Objection to Nonviolent Conflict About Contested Medical Practices. *Perspectives in Biology and Medicine*, 62(3), 434–451. <https://doi.org/10.1353/pbm.2019.0025>

Nussbaum, A. M., & Miller, B. F. (2019, April 14). Opinion: Let's let Colorado be a leader for mental health. *The Colorado Sun*. <https://coloradosun.com/2019/04/14/mental-health-illness-jared-polis-opinion/>
Nussbaum, A.M. (2019).Death is here, and I am thinking of an appendix!: on rereading ‘The death of Ivan Ilyich’. In Stagno, S.J., & Blackie, M. (Eds.), *From Reading to Healing* (pp.123-127). Kent State University Press.

Olds, D. L., Kitzman, H., Anson, E., Smith, J. A., Knudtson, M. D., Miller, T., Cole, R., Hopfer, C., & Conti, G. (2019). Prenatal and Infancy Nurse Home Visiting Effects on Mothers: 18-Year Follow-up of a Randomized Trial. *Pediatrics*, 144(6), e20183889. <https://doi.org/10.1542/peds.2018-3889>

Olsavsky, A. K., Shott, M. E., DeGuzman, M. C., & Frank, G. K. W. (2019). Neural correlates of taste reward value across eating disorders. *Psychiatry Research: Neuroimaging*, 288, 76–84. <https://doi.org/10.1016/j.psychresns.2018.08.010>

Olsavsky, A. K., Stoddard, J., Erhart, A., Tribble, R., & Kim, P. (2019). Neural processing of infant and adult face emotion and maternal exposure to childhood maltreatment. *Social Cognitive and Affective Neuroscience*, 14(9), 997–1008. <https://doi.org/10.1093/scan/nsz069>

Pacheco, A., Berger, R., Freedman, R., & Law, A. J. (2019). A VNTR Regulates miR-137 Expression Through Novel Alternative Splicing and Contributes to Risk for Schizophrenia. *Scientific Reports*, 9(1), 11793. <https://doi.org/10.1038/s41598-019-48141-0>

Pan, Z., Granger, D. A., Guérin, N. A., Shoffner, A., & Gabriels, R. L. (2019). Replication Pilot Trial of Therapeutic Horseback Riding and Cortisol Collection With Children on the Autism Spectrum. *Frontiers in Veterinary Science*, 5. <https://doi.org/10.3389/fvets.2018.00312>

Pejic, V., Thant, T., Hess, R. S., Cornell, S., DeJesus, J., Yager, J., & Savin, D. (2019). Learning from Our Patients: Training Psychiatry Residents in Refugee Mental Health. *Academic Psychiatry*, 43(5), 471–479. <https://doi.org/10.1007/s40596-019-01053-7>

Peltzer-Jones, J., Nordstrom, K., Currier, G., Berlin, J., Singh, C., & Schneider, S. (2019). A Research Agenda for Assessment and Management of Psychosis in Emergency Department Patients. *Western Journal of Emergency Medicine*, 20(2), 403–408. <https://doi.org/10.5811/westjem.2019.1.39263>

Porter, A., Hunter, S., Johnson, Z., Freedman, R., & Hoffman, M.C.(2019) Outcomes of maternal stress as evaluated by the perceived stress scale. *American Journal of Obstetrics & Gynecology*, 220(1), S201-S202. <https://doi.org/10.1016/j.ajog.2018.11.305>

Prisciandaro, J. J., Schacht, J. P., Prescott, A. P., Brenner, H. M., Renshaw, P. F., Brown, T. R., & Anton, R. F. (2019). Evidence for a unique association between fronto-cortical glycine levels and recent heavy drinking in treatment naïve individuals with alcohol use disorder. *Neuroscience Letters*, 706, 207–210. <https://doi.org/10.1016/j.neulet.2019.05.030>

Prisciandaro, J. J., Schacht, J. P., Prescott, A. P., Brenner, H. M., Renshaw, P. F., Brown, T. R., & Anton, R. F. (2019). Intraindividual changes in brain GABA, glutamate, and glutamine during monitored abstinence from alcohol in treatment-naive individuals with alcohol use disorder. *Addiction Biology*. <https://doi.org/10.1111/adb.12810>

Pugliese, C. E., Ratto, A. B., Granader, Y., Dudley, K. M., Bowen, A., Baker, C., & Anthony, L. G. (2019). Feasibility and preliminary efficacy of a parent-mediated sexual education curriculum for youth with autism spectrum disorders. *Autism*, 24(1), 64–79. <https://doi.org/10.1177/1362361319842978>

Radin, R. M., Mason, A. E., Laudenslager, M. L., & Epel, E. S. (2019). Maternal caregivers have confluence of altered cortisol, high reward-driven eating, and worse metabolic health. *PLoS ONE*, 14(5), e0216541. <https://doi.org/10.1371/journal.pone.0216541>

Rait, D., Heru, A., & Glick, I. D. (2019). Whatever Happened to Couples and Family Therapy in Psychiatry? *American Journal of Psychotherapy*, 72(4), 85–87. <https://doi.org/10.1176/appi.psychotherapy.20190014>

Reaven, J., Reyes, N., Pickard, K., Tanda, T., & Morris, M. (2019). Addressing the Needs of Diverse Youth with ASD and Anxiety in Public Schools: Stakeholder Input on Adaptations of Clinic-Based Facing Your Fears. *School Mental Health*, 12, 308-322. DOI 10.1007/s12310-019-09351-z

Regner, M. F., Tregellas, J., Kluger, B., Wylie, K., Gowin, J. L., & Tanabe, J. (2019). The insula in nicotine use disorder: Functional neuroimaging and implications for neuromodulation. *Neuroscience & Biobehavioral Reviews*, 103, 414–424. <https://doi.org/10.1016/j.neubiorev.2019.06.002>

Reyes, N. M., Pickard, K., & Reaven, J. (2019). Emotion regulation: A treatment target for autism spectrum disorder. *Bulletin of the Menninger Clinic*, 83(3), 205–234. <https://doi.org/10.1521/bumc.2019.83.3.205>

Riggs P. (2019). Editorial: Prescription for Addiction. *Journal of the American Academy of Child and Adolescent Psychiatry*, 58(7), 659–660. <https://doi.org/10.1016/j.jaac.2019.03.030>

Rodriquez, C. E., Sheeder, J., Allshouse, A. A., Scott, S., Wymore, E., Hopfer, C., Hermesch, A., & Metz, T.

Romani, P. W., Donaldson, A. M., Ager, A. J., Peaslee, J. E., Garden, S. M., & Ariefdjohan, M. (2019). Assessment and Treatment of Aggression During Public Outings. *Education and Treatment of Children*, 42(3), 345–359. doi: 10.1353/etc.2019.0016

Rooney, B. V., Crucian, B. E., Pierson, D. L., Laudenslager, M. L., & Mehta, S. K. (2019). Herpes Virus Reactivation in Astronauts During Spaceflight and Its Application on Earth. *Frontiers in Microbiology*, 10, 16. <https://doi.org/10.3389/fmicb.2019.00016>

Rudd, B. N., Last, B. S., Gregor, C., Jackson, K., Berkowitz, S., Zinny, A., Kratz, H. E., Cliggitt, L., Adams, D. R., Walsh, L. M., & Beidas, R. S. (2019). Benchmarking Treatment Effectiveness of Community-Delivered Trauma-Focused Cognitive Behavioral Therapy. *American Journal of Community Psychology*, 64(3–4), 438–450. <https://doi.org/10.1002/ajcp.12370>

Russell, G., Burgamy, S., Miranda, M., & Williams, M. (2019). Clinician’s digest: Clinically oriented article summaries for Vol. 6 Issue 2. *Psychology of Sexual Orientation and Gender Diversity*, 6(2), 264-267.

Sabus, A., Feinstein, J., Romani, P. W., Goldson, E., & Blackmer, A. (2019). Management of self-injurious behaviors in children with neurodevelopmental disorders. *Pharmacotherapy: The Journal of Human Pharmacology and Drug Therapy*, 39, 645 - 664. doi: 10.1002/phar.2238

Sakai, J. T., Raymond, K. M., McWilliams, S. K., & Mikulich-Gilbertson, S. K. (2019). Testing helping behavior and its relationship to antisocial personality and psychopathic traits. *Psychiatry Research*, 274, 98–104. <https://doi.org/10.1016/j.psychres.2019.02.022>

Sannar, E., Barnes, J., Mowrey, L., Germone, M., and Stutzman, D. (2019). Coffin-Siris Syndrome and Comorbid Psychiatric Illness: A Case Report. *Colorado Journal of Psychology and Psychology*, 3(1), 76-81
Saxton, S. N., Dempsey, A. G., Willis, T., Baughcum, A. E., Chavis, L., Hoffman, C., Fulco, C. J., Milford, C. A., & Steinberg, Z. (2019). Essential Knowledge and Competencies for Psychologists Working in Neonatal Intensive Care Units. *Journal of Clinical Psychology in Medical Settings*. <https://doi.org/10.1007/s10880-019-09682-8>

Shapiro, A. L. B., Johnson, S. L., Sutton, B., Legget, K. T., Dabelea, D., & Tregellas, J. R. (2019). Eating in the absence of hunger in young children is related to brain reward network hyperactivity and reduced functional connectivity in executive control networks. *Pediatric Obesity*, 14(6), e12502. <https://doi.org/10.1111/ijpo.12502>

Shapiro, A. L. B., Wilkening, G., Aalborg, J., Ringham, B. M., Glueck, D. H., Tregellas, J. R., & Dabelea, D. (2019). Childhood Metabolic Biomarkers Are Associated with Performance on Cognitive Tasks in Young Children. *The Journal of Pediatrics*, 211, 92–97. <https://doi.org/10.1016/j.jpeds.2019.03.043>

Sheffield, K., Evans, R., Glover, J.A. (2019). Preliminary outcomes from an outpatient dialectic behavior therapy (DBT) skills training group for adolescents. *Colorado Journal of Psychiatry and Psychology*, 3(1), 3-39.

Shomaker, L. B., Berman, Z., Burke, M., Annameier, S. K., Pivarunas, B., Sanchez, N., Smith, A. D., Hendrich, S., Riggs, N. R., Legget, K. T., Cornier, M.-A., Melby, C., Johnson, S. A., & Lucas-Thompson, R. (2019). Mindfulness-based group intervention in adolescents at-risk for excess weight gain: A randomized controlled pilot study. *Appetite*, 140, 213–222. <https://doi.org/10.1016/j.appet.2019.05.022>

Shore, J. H. (2019). Best Practices in Tele-Teaming: Managing Virtual Teams in the Delivery of Care in Telepsychiatry. *Current Psychiatry Reports*, 21(8), 0. <https://doi.org/10.1007/s11920-019-1052-x>

Shore, J. H. (2019). Intended and Unintended Consequence in the Digital Age of Psychiatry. *Psychiatric Clinics of North America*, 42(4), 659–668. <https://doi.org/10.1016/j.psc.2019.08.008>

Shore, J. H. (2019). Welcome to the Era of Continuous Practice Transformation. *Psychiatric Clinics of North America*, 42(4), xiii–xiv. <https://doi.org/10.1016/j.psc.2019.08.01>

Shore, J. H., Goss, C. W., Dailey, N. K., & Bair, B. D. (2019). Methodology for Evaluating Models of Telemental Health Delivery Against Population and Healthcare System Needs: Application to Telemental Healthcare for Rural Native Veterans. *Telemedicine and E-Health*, 25(7), 628–637. <https://doi.org/10.1089/tmj.2018.0084>

Silva, M. A., Dillahun-Aspillaga, C., Patel, N., Garofano, J. S., Martinez, K. M., Lynn, C. A., Rechkemmer, M. B., & Nakase-Richardson, R. (2019). Functional Outcome and Mental Health Symptoms in Military Personnel and Veterans Pursuing Postsecondary Education After Traumatic Brain Injury: A VA TBI Model Systems Study. *Rehabilitation Research, Policy, and Education*, 33(1), 41–55. <https://doi.org/10.1891/2168-6653.33.1.41>

Simpson, S. (2019). A Single-session Crisis Intervention Therapy Model for Emergency Psychiatry. *Clinical Practice and Cases in Emergency Medicine*, 3(1), 27–32. <https://doi.org/10.5811/cpcem.2018.10.40443>

Simpson, S. A. (2019). A Survey of Clinical Approaches to Suicide Risk Assessment for Patients Intoxicated on Alcohol. *Psychosomatics*, 60(2), 197–203. <https://doi.org/10.1016/j.psym.2018.07.003>

Simpson, S. A., Goodwin, M., & Thurstone, C. (2019). Implementation and Evaluation of a Military–Civilian Partnership to Train Mental Health Specialists. *Military Medicine*, 184(7–8), e184–e190. <https://doi.org/10.1093/milmed/usy358>

Skerven, K., Ragsdale, B., Hendricks, M., & Burgamy, S. (2019). Clinician’s digest: Clinically oriented article summaries for Vol. 6 Issue 4. *Psychology of Sexual Orientation and Gender Diversity*, 6(4), 498-500.

Sloan, M. E., Gowin, J. L., Janakiraman, R., Ester, C. D., Stoddard, J., Stangl, B., & Ramchandani, V. A. (2019). High-risk social drinkers and heavy drinkers display similar rates of alcohol consumption. *Addiction Biology*, 25(2). <https://doi.org/10.1111/adb.12734>

Spaulding-Barclay, M., Andersen, A., & Yager, J. (2019) Treatment of Eating disorders: an historical perspective. In Westmoreland, P. (Ed.), *Tipping the Scales: ethical and legal dilemmas in managing severe eating disorders*. American Psychiatric Press, Inc.

Stoddard, J. (2019). Editorial: Linking Emotional and Behavioral Dysregulation in Adolescents to Regulatory Cortex. *Journal of the American Academy of Child & Adolescent Psychiatry*, 58(11), 1057–1058. <https://doi.org/10.1016/j.jaac.2019.04.019>

Stoddard, J. (2019). Finding the Neural Basis of Pediatric Posttraumatic Stress Disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 4(2), 103–104. <https://doi.org/10.1016/j.bpsc.2018.12.009>

Stoddard, J., & Jones, M. (2019). Computational Modeling in Pediatric Mental Health. *Journal of the American Academy of Child & Adolescent Psychiatry*, 58(5), 471–473. <https://doi.org/10.1016/j.jaac.2018.12.009>

Stoddard, J., Scelsa, V., & Hwang, S. (2019). Irritability and Disruptive Behavior Disorders. In Roy, A.K., Brotman, M. A., Leibenluft, E. (Eds.), *Irritability in Pediatric Psychopathology*, 197, Oxford University Press.

Stotts, A. L., Villarreal, Y. R., Klawans, M. R., Suchting, R., Dindo, L., Dempsey, A., Spellman, M., Green, C., & Northrup, T. F. (2019). Psychological Flexibility and Depression in New Mothers of Medically Vulnerable Infants: A Mediation Analysis. *Maternal and Child Health Journal*, 23(6), 821–829. <https://doi.org/10.1007/s10995-018-02699-9>

Strang, J.F., Klomp, S.E., Caplan, R., Griffin, A.D., Anthony, L.G., Harris, M.C., Graham, E.K., Knauss, M., & van der Miesen, A.I.R. (2019). Community-based participatory design for research that impacts the lives of transgender and/or gender-diverse autistic and/or neurodiverse people. *Clinical Practice in Pediatric Psychology*, 7(4), 396–404. DOI: 10.1037/cpp0000310

Sutcliffe, S., Bavendam, T., Cain, C., Epperson, C.N., Fitzgerald, C.M., Gahagan, S., Markland, A.D., Shoham, D.A., Smith, A.L., Townsend, M.K., Rudser, K. (2019) The Spectrum of Bladder Health: The Relationship Between Lower Urinary Tract Symptoms and Interference with Activities. *Journal of Women's Health (Larchmt)*. 28(6), 827-841. <https://doi.org/10.1089/jwh.2018.7364>

Tanabe, J., Regner, M., Sakai, J., Martinez, D., & Gowin, J. (2019). Neuroimaging reward, craving, learning, and cognitive control in substance use disorders: review and implications for treatment. *The British Journal of Radiology*, 92(1101), 20180942. <https://doi.org/10.1259/bjr.20180942>

Tercyak, K. P., Bronheim, S. M., Kahn, N., Robertson, H. A., Anthony, B. J., Mays, D., O'Neill, S. C., Peterson, S. K., Miesfeldt, S., Peshkin, B. N., & DeMarco, T. A. (2019). Cancer genetic health communication in families tested for hereditary breast/ovarian cancer risk: a qualitative investigation of impact on children’s genetic health literacy and psychosocial adjustment. *Translational Behavioral Medicine*, 9(3), 493–503. <https://doi.org/10.1093/tbm/ibz012>

Thant, T., & Yager, J. (2019). Updating Apathy. *The Journal of Nervous and Mental Disease*, 207(9), 707–714. <https://doi.org/10.1097/nmd.0000000000000860>

Thurstone, C. (2019), What cures one can kill another. *Journal American Academy of Child and Adolescent Psychiatry*, 58(7), 661-662. doi:10.1016/j.jaac.2018.12.014

Troxel, M., Linas, K., Jacobstein, D., Biel, M., Soto, S., Lorenzo-Hubert, I., Dos-Santos S., Mendez, R., & Anthony, B.J. (2019) Implementing autism screening for Latino children in primary care: Perspectives from parents and providers. *Journal of Health Disparities Research and Practice*, 12(2), 88-105.

Trujillo, K., Kuo, G., Ingram, A., & Thurstone, C. (2019), Engaging adolescents: animal assisted therapy for adolescents with psychiatric and substance use disorders. *Journal of Child and Family Studies*, 29, 307–314. <https://doi.org/10.1007/s10826-019-01590-7>"

Tseng, W.-L., Deveney, C. M., Stoddard, J., Kircanski, K., Frackman, A. E., Yi, J. Y., Hsu, D., Moroney, E., Machlin, L., Donahue, L., Roule, A., Perhamus, G., Reynolds, R. C., Roberson-Nay, R., Hettema, J. M., Towbin, K. E., Stringaris, A., Pine, D. S., Brotman, M. A., & Leibenluft, E. (2019). Brain Mechanisms of Attention Orienting Following Frustration: Associations With Irritability and Age in Youths. *American Journal of Psychiatry*, 176(1), 67–76. <https://doi.org/10.1176/appi.ajp.2018.18040491>

Turner, S., Foss-Barratt, A., Malmberg, J., & Disabato, J. (2019). Minding the gap in pediatric headache care. *Neurology: Clinical Practice*, 9(3), 187–193. <https://doi.org/10.1212/cpj.0000000000000614>

Waugh, M., Calderone, J., Brown Levey, S., Lyon, C., Thomas, M., DeGruy, F., & Shore, J. H. (2019). Using Telepsychiatry to Enrich Existing Integrated Primary Care. *Telemedicine and E-Health*, 25(8), 762–768. <https://doi.org/10.1089/tmj.2018.0132>

Weintraub, M. J., Axelson, D. A., Kowatch, R. A., Schneck, C. D., & Miklowitz, D. J. (2019). Comorbid disorders as moderators of response to family interventions among adolescents with bipolar disorder. *Journal of Affective Disorders*, 246, 754–762. <https://doi.org/10.1016/j.jad.2018.12.125>

Williams, J. T. B., & Nussbaum, A. M. (2019). Reverend Rowland Hill and a Role for Religious Leaders in Vaccine Promotion. *American Journal of Public Health*, 109(5), 697–698. <https://doi.org/10.2105/ajph.2019.305012>

Williams, J. T. B., Nussbaum, A. M., & O’Leary, S. T. (2019). Building Trust: Clergy and the Call to Eliminate Religious Exemptions. *Pediatrics*, 144(4), e20190933. <https://doi.org/10.1542/peds.2019-0933>

Wills, A. G., & Hopfer, C. (2019). Phenotypic and genetic relationship between BMI and cigarette smoking in a sample of UK adults. *Addictive Behaviors*, 89, 98–103. <https://doi.org/10.1016/j.addbeh.2018.09.025>

Wilson, M., Shenvi, C., Rives, L., Nordstrom, K., Schneider, S., & Gerardi, M. (2019). Opportunities for Research in Mental Health Emergencies: Executive Summary and Methodology. *Western Journal of Emergency Medicine*, 20(2), 380–385. <https://doi.org/10.5811/westjem.2019.1.39260>

Wylie, K. P., Harris, J. G., Ghosh, D., Olincy, A., & Tregellas, J. R. (2019). Association of Working Memory With Distributed Executive Control Networks in Schizophrenia. *The Journal of Neuropsychiatry and Clinical Neurosciences*, 31(4), 368–377. <https://doi.org/10.1176/appi.neuropsych.18060131>

Yager, J., & Kay, J. (2019). Clinical Curiosity in Psychiatric Residency Training: Implications for Education and Practice. *Academic Psychiatry*, 44(1), 90–94. <https://doi.org/10.1007/s40596-019-01131-w>

Zeller, S., Wilson, M., & Nordstrom, K. (2019). Intramuscular Midazolam, Olanzapine, Ziprasidone, or Haloperidol for Treating Acute Agitation. *Annals of Emergency Medicine*, 73(4), 422–423. <https://doi.org/10.1016/j.annemergmed.2018.11.019>

Zik, J., & Berkowitz, S. (2019). Early life stress. *Current Opinion in Psychiatry*, 32(6), 528–533. <https://doi.org/10.1097/ycp.0000000000000546>