

UNM Department of Psychiatry and Behavioral Sciences

Bi-annual Research Activity Report

September 2020



**SCHOOL
OF MEDICINE**

**DEPARTMENT OF PSYCHIATRY
& BEHAVIORAL SCIENCES**

The purpose of this report is to track and disseminate information on current research activities within the Department of Psychiatry and Behavioral Sciences for faculty and trainees. The hope is that, by increasing awareness of research activities, this document will facilitate collaboration among faculty within and outside the Department of Psychiatry and Behavioral Sciences and identify research opportunities for residents, interns and post-docs.

The goal will be to update this report bi-annually.

For questions or updates to the report please contact:

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**Department of Psychiatry and Behavioral Sciences Current Research Projects
Ongoing As of August 2020**

PI: Chris Abbott, MD

Study Title: Current Amplitude and Medial Temporal Lobe Engagement

Funding Dates: 9/30/2016 – 9/1/2020

Funding Agency: NIMH

Project Synopsis: This investigation will examine the clinical and neurocognitive impact of targeted medial temporal lobe engagement as a function of pulse amplitude, one of several variable factors influencing the ECT charge.

Keywords: ECT

PI: Chris Abbott, MD

Study Title: Data driven approaches to identify biomarkers from multimodal imaging big data

Funding Dates: 7/1/2019-6/30/2024

Funding Agency: NIMH

Project Synopsis: Using multimodal neuroimaging that has the potential to span traditional diagnostic categories, the proposed study develops cutting-edge classification and prediction methods to identify biomarkers for major depression disorders, which may guide personalized treatment decisions and predict treatment outcome for individual patients.

Keywords: Neuroimaging, Major Depression

PI: Deborah Altschul, PhD

Study Title: New Mexico Multisystemic Therapy Outcomes Tracking Project

Funding Dates: 5/3/2017-3/30/2021

Funding Agency: CYFD, NM Department of Health

Project Synopsis: The NM Outcomes Tracking Project provides demographic and outcome data regarding youth and families who have received MST services from New Mexico's MST provider agencies.

Keywords: Multi-Systemic Therapy, Youth

PI: Deborah Altschul, PhD

Study Title: Evaluation of KEYWAH (Kathishya Embraces Youth Wellness and Hope): A Garrett Lee Smith Grant Initiative

Funding Dates: - 10/19/2024

Funding Agency: SAMSHA

Project Synopsis: Kathishya Embraces Youth, Wellness, and Hope (KEYWAH) seeks to expand suicide prevention and early intervention strategies in schools, tribal courts, and the tribal behavioral health program, to: (1) increase the number of youth-serving organizations able to identify and work with youth at risk of suicide; (2) increase the capacity of clinical service providers to assess, manage, and treat youth at risk of suicide; (3) improve the continuity of care and follow-up of youth identified as at risk for suicide, including those who have been discharged from emergency department and inpatient psychiatric units; and (4) develop infrastructure to sustain & expand programming beyond grant funding. These goals will be accomplished through school-wide prevention programming, universal screening of all students accessing primary care at the School Based Health Center, referral to clinical services for those at risk of suicide, training of gatekeepers and other child-serving providers on Mental Health First Aid, training primary care providers on Zero Suicide, training

clinicians on CBT-SP, and ongoing use of data for continuous quality improvement. The target population is youth 10-24 years old at risk for suicide.

Keywords: Native Americans, Suicide Intervention

PI: Deborah Altschul, PhD

Study Title: Mescalero System of Care II

Funding Dates: 10/1/2016-9/1/2020

Funding Agency: SAMSHA

Project Synopsis: The Mescalero System of Care (MSOC) specializes in comprehensive community mental health services for children with serious emotional disturbances (SED). MSOC offers mental health services to children and youth ages 5 to 21, individual counseling and individual and group equine therapy.

Keywords: Native Americans, Children with Serious Emotional Disturbances

PI: Deborah Altschul, PhD and Brandi Fink, PhD

Study Title: Integrating Intergenerational Cultural Knowledge Exchange with Zero Suicide

Funding Dates: 10/1/2017-9/1/2022

Funding Agency: NIMHD

Project Synopsis: Integrating Intergenerational Cultural Knowledge Exchange with Zero Suicide is an innovative study in a Southwestern tribal nation that incorporates Zero Suicide into Indian Health Services (IHS) primary care settings. The goal of this study is to determine the effectiveness of Zero Suicide plus a cultural component (ZS+) (experimental group) compared to Zero Suicide (ZS) alone (control group) on suicidal ideation, behaviors, and resiliency in a randomized control trial of 138 AI youth ages 12-24 at two tribal health clinics. The long-term goal of this study is to determine which is more effective at reducing suicidal ideation and behaviors and increasing resiliency, ZS+ or ZS alone.

Keywords: Native Americans, Suicide Intervention, Health Disparities

PI: Deborah Altschul, PhD

Study Title: Emergency COVID Behavioral Health

Funding Dates: 4/1/2020-7/1/2021

Funding Agency: SAMSHA

Project Synopsis: New Mexico Behavioral Health Services Division Emergency Response to COVID-19 is a statewide initiative to ensure access to evidence based screening, assessment and behavioral health treatment during the COVID-19 pandemic. Strategies include implementation of uniform screening and assessment practices and dissemination of Evidence Based Practices including Cognitive Behavioral Therapy, Community Reinforcement Approach, Dialectic Behavioral Therapy, and Medication Assisted Treatment. The populations of focus is individuals with SMI, SED, SUD, and those with co-occurring SMI/SED and SUD. An additional priority population is individuals with mental health disorders less severe than SMI, including healthcare professionals and others impacted by COVID-19 throughout NM. Project Goals are to (1) train and provide ongoing coaching to providers on evidence based practices that can be delivered via telehealth; (2) rapidly implement these practices; (3) enhance our statewide crisis and access line (NMCAL) to screen, assess and serve the health care workforce and others impacted by COVID-19; (4) implement peer recovery supports; and (5) support the network of crisis response currently being developed, including mobile outreach, crisis triage centers, and statewide access to telepsychiatry, with services offered via telehealth and face-to-face.

Keywords: Public Health, Behavioral Health, Pandemic

PI: Deborah Altschul, PhD

Study Title: Native Aware

Funding Dates: 10/1/2018-9/1/2023

Funding Agency: SAMSHA

Project Synopsis: Advancing Wellness and Resiliency in Education State Education Agency Grant (Native AWARE) focuses on partnerships and collaboration between tribal, state and local systems to promote the healthy development of school-aged youth and prevent youth violence. The population of focus for Native AWARE are Native American (NA) youth aged 12-18 years old with mental illness and/or co-occurring substance use disorders, with a special focus on individuals with serious emotional disturbances and serious mental illnesses. The goals of Native AWARE are to: (1) Increase and improve access to culturally competent, community-based mental health services; (2) Develop school-based mental health screening for early intervention and identification of mental health needs; (3) Conduct outreach and engagement with NA school-aged youth and families to increase awareness and identification of mental health issues and promote positive mental health; (4) Connect families, schools, and communities to increase engagement and involvement in planning, implementation, and continuous quality improvement; (5) Help school-aged Native American youth develop skills to promote resilience and pro-social behaviors; avert development mental and BH disorders; and prevent youth violence; (6) Equip three LEAs with the ability to immediately respond to the needs of youth exhibiting behavioral/ psychological signs indicating need for clinical intervention; and (7) Develop an infrastructure to sustain and expand mental health and behavioral health services and supports for Native American school-aged youth after funding ends. These goals will be accomplished by implementing evidence based prevention and intervention programming in the three LEAs, including health promotion activities such as Mental Health First Aid and Project Venture; Screening using the PHQ-9 and AUDIT C, and clinical intervention for youth at risk of mental illness, co-occurring substance abuse, trauma and school violence using Trauma Affect Regulation: Guide for Education and Therapy (TARGET) which is a trauma treatment BH model, and Cognitive Behavioral Therapy (CBT).

Keywords: School Based Health, Health Disparities, Workforce Development

PI: Deborah Altschul, PhD

Study Title: San Felipe Zero Suicide

Funding Dates: 10/1/2018-9/1/2023

Funding Agency: SAMSHA

Project Synopsis: The purpose of the San Felipe Zero Suicide (SFZS) is to implement the Zero Suicide model throughout the health care system in the Pueblo of San Felipe. The target population is San Felipe tribal members 25 years of age or older who are risk for suicide. The aim is to raise awareness of suicide, establish screening, referral, and treatment processes, and improve care and outcomes for individuals who are at risk for suicide.

Keywords: Native American Populations, Suicide Intervention, Health Disparities

PI: Deborah Altschul, PhD

Study Title: Immediate Service Program: Crisis Counseling Assistance and Training Program

Funding Dates: 6/20/2020-8/20/2020

Funding Agency: FEMA

Project Synopsis: The Crisis Counseling Assistance and Training Program (CCP) is a federally funded supplemental program administrated by the U.S. Department of Homeland Security (DHS) Federal Emergency Management Agency (FEMA). Section 416 of the Robert T. Stafford Disaster

Relief and Emergency Assistance Act, 42 U.S.C. § 5183 authorizes FEMA to fund mental health assistance and training activities in areas that have been declared a major disaster by the President.

Keywords: COVID-19, Public Health, Pandemic

PI: Deborah Altschul, PhD

Study Title: Katishtya Home Visiting KEVA Grant II

Funding Dates: 10/1/2016-9/1/2020

Funding Agency: Administration of Children and Families

Project Synopsis: The primary purpose of Project Katishtya Eh-wahs Valued Always (KEVA) Tribal Home Visiting Program is to support the Pueblo of San Felipe in creating a healthy and happy community for children, parents, and families in the community.

Keywords: Native Americans, Home Visiting Program

PI: Juan Bustillo, MD

Study Title: Defining the brain network underlying psychotic symptoms in early schizophrenia and bipolar disorder

Funding Dates: 7/2/2018-1/16/2021

Funding Agency: MRN COBRE III

Project Synopsis: To find the critical brain areas involved in the production of psychotic symptoms.

Keywords: Psychosis, Neuroimaging

PI: Juan Bustillo, MD

Study Title: The Where and When of the Vulnerability to Misinterpret Pseudowords in Persons with Auditory Hallucinations

Funding Dates: 1/29/2020-1/16/2021

Funding Agency: UNM CTSC

Faculty Mentor: Juan Bustillo, MD

Project Synopsis: The major goal of this project is to identify the brain areas critical to the production of auditory hallucinations.

Keywords: Auditory Hallucinations, Neuroimaging

PI: Caroline Bonham, MD

Study Title: New Mexico Substance Use Recovery and Treatment Services (NM SURTS)

Funding Dates: 7/2/2018-3/31/2021

Funding Agency: Center for Medicare and Medicaid Services (CMS)

Project Synopsis: The purpose of this study is to determine what statewide strategies are needed in New Mexico to increase access to treatment and recovery services to Medicaid recipients with substance use disorders.

Keywords: Substance Use Disorders, Medicaid

PI: Richard Campbell, PhD

Study Title: Neuropsychological and psychosocial functioning in children and adolescents with cerebral cavernous malformation (CCM)

Funding Dates: n/a

Funding Agency: Angioma Alliance

Collaborators: Christine Petranovich, PhD

Project Synopsis: Familial cerebral cavernous malformations is an autosomal dominant disorder that is most prevalent in the Southwest United States where affected families are most often carriers of the CCM1 Common Hispanic Mutation). Limited existing research has associated CCM with elevated risk for negative neurological sequelae, most notably seizures and chronic headaches. This is the first study to attempt to characterize the neuropsychological, behavioral and emotional functions of youth with cerebral cavernous malformation (CCM).

Keywords: Cerebral cavernous malformation, neuropsychology, psychosocial

PI: Jennifer Crawford, PhD

Study Title: Clinical Complexity: Co-morbid Behavioral Health Conditions among Women Seeking Care in Womens Specialty Settings

Funding Dates: 8/1/2020-6/30/2021

Funding Agency: UNM CTSC

Project Synopsis: The overall objectives of the proposal are to (1) examine the BH needs of women seen in non-primary care WH related medical settings, (2) identify related BH disparities, and (3) determine the frequency of high-cost psychiatric services among these women.

Keywords: Integrated Women's Behavioral Health

PI: Annette Crisanti, PhD

Study Title: Duration of Untreated Psychosis and Perceived Barriers to Mental Health Care Among College Students

Funding Dates: 5/21/2019-2/17/2021

Funding Agency: NIMH

Project Synopsis: The purpose of this study is to determine the feasibility of an early detection program that aims to: (i) identify college students at clinical high risk (CHR) of psychosis or with first episode psychosis (FEP), and (ii) efficiently link them to coordinated specialty care (CSC) services for a 2nd stage screen, a clinical assessment, and appropriate treatment.

Keywords: First Episode Psychosis, College Mental Health

PI: Annette Crisanti, PhD; Rhoshel Lenroot, MD

Study Title: UNM HSC CONNECT Program for Clinical High-Risk Psychosis

Funding Dates: 5/14/2019-1/14/2021

Funding Agency: SAMSHA

Project Synopsis: The purpose of CONNECT is to identify youth and young adults, not more than 25 years old, at clinical high risk for psychosis and provide evidence-based interventions to prevent the onset of psychosis or lessen the severity of psychotic disorder. The major goal of this subproject is to oversee the evaluation of the grant, including collection and reporting of grant-required data and local performance assessment.

Keywords: Clinical High Risk of Psychosis

PI: Annette Crisanti, PhD

Study Title: UNM First Episode Psychosis Project

Funding Dates: 1/15/2020-1/14/2021

Funding Agency: NM Department of Health

Project Synopsis: The purpose of the UNM First Episode Psychosis Project is to evaluate the outcomes of individuals receiving services in the EARLY Program.

Keywords: First Episode Psychosis

PI: Annette Crisanti, PhD

Study Title: Crisis Intervention Training (CIT) Knowledge Network: Evaluation

Funding Dates: 12/8/2016-

Funding Agency: Albuquerque Police Department and the NM Department of Health

Project Synopsis: The purpose of this evaluation is to determine the impact of a training program for law enforcement in CIT best practices using the ECHO model.

Keywords: Law Enforcement, Crisis Intervention Training

PI: Annette Crisanti, PhD

Study Title: Validation of the Impact of Peer Support Scale

Funding Dates: 6/21/2019-

Funding Agency: UNM HSC Research Allocation Committee

Project Synopsis: The purpose of this study is to generate psychometric properties for the Impact of Peer Support Scale

Keywords: Peer Support Workers, Measurement Development

PI: Annette Crisanti, PhD

Study Title: Opening Doors Through Services and Supports for Homeless Individuals with Serious Mental Illness or Co-Occurring Substance Use Disorders

Funding Dates: 1/14/2020-1/14/2024

Funding Agency: SAMSHA

Project Synopsis: The purpose of this grant is to provide evidence based, trauma focused services to homeless individuals with serious mental illness or co-occurring mental illness/substance use disorders that address symptoms and behaviors associated with homelessness and housing retention.

Keywords: Homelessness, Permanent Supportive Housing

PI: Brandi Fink, MD

Study Title: HRV and the Emotions and Decisions of Couples

Funding Dates: 10/26/2019-9/30/2020

Funding Agency: UNM CTSC

Project Synopsis: The goal of this project is to investigate Heart Rate Variability Biofeedback for its ability to improve activation of the medial prefrontal cortex, the organizing structure of the central autonomic nervous system, thereby improving emotion regulation in alcohol-related intimate partner violence.

Keywords: Domestic Violence, Biofeedback

PI: Brandi Fink, PhD, Larissa Maley, PhD

Study Title: Effectiveness of ASAP

Funding Dates: 10/26/2019-9/30/2021

Funding Agency: N/A

Project Synopsis: This project is a program evaluation of the effectiveness of the Stage Treatment Model implemented at the UNM Health System Addictions and Substance Abuse Program.

Keywords: Substance Use Disorder, Program Evaluation

PI: Brandi Fink, PhD, Larissa Maley, PhD

Study Title: Effectiveness of UPC

Funding Dates: 10/26/2019-9/30/2021

Funding Agency: N/A

Project Synopsis: This project is a program evaluation of the effectiveness of the Stage Treatment Model implemented at the UNM Health System University Psychiatric Outpatient Clinic.

Keywords: Program Evaluation

PI: Brandi Fink, PhD, Larissa Maley, PhD

Study Title: Test of a Living Room Model for Psychiatric Crises

Funding Dates: 9/01/2020-9/30/2022

Funding Agency: UNM Health System

Project Synopsis: This project is an evaluation of the development and effectiveness of a Living Room Model for Psychiatric Crisis at the UNM HS UPC.

Keywords: Program Evaluation

PI: Brandi Fink, PhD, Larissa Maley, PhD

Study Title: Peer Support Model for Improving Treatment Engagement in Patients Experiencing Drug Overdoses

Funding Dates: 9/01/2020-9/30/2022

Funding Agency: UNM SUD Grand Challenge, UNM Health System

Project Synopsis: This project is an evaluation of the development and implementation of a Peer Support Model to improve treatment engagement in patients presenting to the UNM HS Emergency Department for a drug overdose.

Keywords: Peer support, Program Evaluation, Drug Overdose

PI: Brian Isakson, PhD

Study Title: Evaluation of the ACTION (Addressing Childhood Trauma through Intervention, Outreach and Networking) Treatment Program

Funding Dates: 6/18/2013-1/12/2021

Funding Agency: SAMSHA

Project Synopsis: The proposed grant will build on the excellent provision of services, training, and community outreach that was accomplished in the previous National Child Traumatic Stress Network (NCTSN) grant cycle.

Keywords: Trauma, Trauma Specific Services

PI: Brian Isakson, PhD

Study Title: Healthy Transitions Expansion Grant (HTEP)

Funding Dates: 03/31/2019 – 03/30/2024

Funding Agency: SAMSHA

Project Synopsis: The purpose of this program is to improve access to treatment and support services for youth and young adults, ages 16-25, who have a serious emotional disturbance (SED) or a serious mental illness (SMI), hereafter referred to as serious mental disorders. It is expected that this program will improve emotional and behavioral health functioning so that this population of youth and young adults can maximize their potential to assume adult roles and responsibilities and lead full and productive lives.

Keywords: Serious Mental Disorders, Young Adults

PI: Jeff Katzman, MD

Study Title: “A Pilot Study of the Use of Improvisational Theater Skills to Prevent Burnout and to Enhance the Therapeutic Alliance.”

Funding Dates: 9/24/2019-9/3/2020

Funding Agency: UNM SEAC Grant

Project Synopsis: Can experiences in improvisational theater enhance the sense of playfulness and prevent burnout of a psychiatrist in training, and can the skills learned add to a resident’s sense of self-efficacy as a therapist and/or enhance the therapeutic alliance as ranked by their patients.

If we can demonstrate the positive impact of improvisational theater in psychiatric training, we will be one step further along the path toward emphasizing physician wellness in our training program while simultaneously providing more meaningful care to our patients. If our predictions are correct, it is likely that psychiatric trainees can benefit from this information and program development nationally, and that similar programs can be developed and studied both within other fields of medicine as well as other advanced mental health trainings including, for example, psychology and social work PhD and internship programs.

Keywords: Physician wellness

PI: Rhoshel Lenroot, MD

Study Title: A magnetoencephalography study of perceived body ownership in youth with schizophrenia spectrum disorders

Funding Dates: 2/26/2019-1/12/2021

Funding Agency:

Project Synopsis: The main goal of the study is to use MEG and MRI determine whether symptoms in early psychosis are related to abnormalities in predictive encoding and sensory integration.

Keywords: Schizophrenia, Neuroimaging

PI: Jeremy Miller, MD

Study Title: A Randomized Pilot Study Examining DCEEG Characteristics in Ketamine versus Methohexital Induction in Depressed Patients Receiving Electroconvulsive Therapy

Funding Dates: 10/1/2019-9/30/2020

Funding Agency: UNM CTSC

Project Synopsis: This randomized trial is attempting to identify correlates between events in the electroencephalogram and clinical improvement and/or neurocognitive side effects during electroconvulsive therapy.

Keywords: Depression, ECT

PI: Davin Quinn, MD

Study Title: High-Definition Transcranial Direct Current Stimulation for Sensory Deficits in Complex Traumatic Brain Injury

Funding Dates: 11/23/2016-6/1/2021

Funding Agency: DoD

Project Synopsis: To evaluate the efficacy and target engagement of transcranial direct current stimulation for multisensory deficits in complex traumatic brain injury, using magnetic source imaging.

Keywords: TBI

PI: Davin Quinn, MD

Study Title: A Pilot Study of Repetitive Transcranial Magnetic Stimulation for Treatment of Methamphetamine Use Disorders

Funding Dates: 6/12/2020-6/1/2021

Funding Agency: UNM CTSC

Project Synopsis: We propose a pilot study in 20 people with MAUD engaged in psychosocial treatment to explore the effects and tolerability of a four-week treatment protocol combining intermittent theta burst stimulation of the DLPFC with cTBS targeting the MPFC (dual-target TMS).

Keywords: tCMS, Substance Use Disorders

PI: Davin Quinn, MD

Study Title: A Prospective, Multi-Center, Randomized, Controlled, Blinded Trial Demonstrating the Safety and Effectiveness of VNS Therapy® System as Adjunctive Therapy Versus a No Stimulation Control in Subjects With Treatment-Resistant Depression

Funding Dates: 3/25/2020-3/16/2021

Funding Agency: LivaNova LLC

Project Synopsis: To conduct a randomized controlled trial followed by an open trial of vagal nerve stimulation for treatment-resistant depression in a Medicare-eligible population.

Keywords: Clinical Trial, Depression

PI: Davin Quinn, MD

Study Title: Individualized Targeting and Neuromodulation of Late-Life Depression

Funding Dates: 2/6/2020-1/20/2021

Funding Agency: UNM Grand Challenge

Project Synopsis: We propose a pilot study of structural and functional MRI (sfMRI) to identify individual-specific targets for TMS to treat LDD.

Keywords: Neuroimaging, Depression

PI: Davin Quinn, MD

Study Title: Transcranial direct current stimulation for treatment of deficits after traumatic brain injury

Funding Dates: 8/11/2015-9/2/2020

Funding Agency: UNM- Neurosciences; NIH/NIGMS-PI Shuttleworth

Project Synopsis: To evaluate transcranial direct current stimulation for modulation of chronic cognitive and emotional symptoms in mild to moderate traumatic brain injury.

Keywords: TBI, tCDS

PI: Davin Quinn, MD

Study Title: Control Network Neuromodulation to Enhance Cognitive Training in Complex Traumatic Brain Injury (The CONNECT-TBI Trial)

Funding Dates: 7/1/2020-6/30/2023

Funding Agency: DoD

Project Synopsis: To conduct a randomized, double-blinded, sham-controlled Phase II clinical trial of APT-3 combined with rTMS, HD-tDCS, or sham to treat cognitive control deficits in Veterans with complex mTBI.

Keywords: TBI

PI: Judith Pentz, MD

Study Title: Evaluation of the Integrative Psychiatry Training Program for Residents in the Department of Psychiatry and Behavioral Sciences

Funding Dates: 7/01/2020-6/30/2021

Funding Agency: Weil Foundation

Project Synopsis: The purpose of our project is to determine the feasibility of having an Integrative Psychiatry fellowship in the Department of Psychiatry and Behavioral Sciences University of New Mexico (UNM). To do this we will measure the acceptability, demand, implementation and benefit (including perceived usefulness) of a current academic year long elective in integrative psychiatry

Keywords: Integrative Psychiatry

PI: Julie Salvador, PhD

Study Title: ECHO-F Model For Expansion of MAT in Rural Primary Care

Funding Dates: 7/21/2017-6/30/2022

Funding Agency: AHQR

Project Synopsis: The goal of this study is to increase uptake of Medication Assisted Treatment in rural primary care settings in New Mexico through use of an innovative ECHO-F model combining Project ECHO training infrastructure and practice detailing strategies.

Keywords: televideo, ECHO, Primary Care, Medication Assisted Treatment, Opioid Use Disorder

PI: Julie Salvador, PhD

Study Title: New Mexico State Opioid Response Initiative

Funding Dates: 9/19/2018-9/18/2020

Funding Agency: SAMSHA

Project Synopsis: The goal of this project is to expand and enhance services in New Mexico for prevention, treatment, recovery and harm reduction related to opioid use disorder.

Keywords: Opioid Use Disorder, Opioid Overdose

PI: Lindsay Smart, PhD

Study Title: Youth Organized Sports Participation in Bernalillo County

Funding Dates: No funding.

Funding Agency: No funding. Project being completed for Bernalillo County Youth Sports Commission

Project Synopsis: The primary research questions are: 1) How many youth are playing youth organized sports in Bernalillo County in the past 12 months, 2) What are youth organized sports prevalence rates in Bernalillo County for the past 12 months, and 3) What are the perceived barriers to organized sports participation for youth between the ages of 5-17 in Bernalillo County?

Keywords: Youth Sports

PI: Lindsay Smart, PhD

Study Title: Script Concordance Test for Psychiatry Residents and Fellows

Funding Dates: Not currently funded. Funding ended

Funding Agency: UNM Scholarship in Education Allocations Committee (SEAC)

Project Synopsis: The research question is: Can a Script Concordance Test for Behavioral Health be developed that is internally valid and reliable? The primary purpose of this research will be to test a SCT for behavioral health concerns that was developed in a prior study to determine if it is suitable for assessing the clinical reasoning abilities of psychiatry residents and fellows.

Keywords: Clinical reasoning, problem based learning, case based learning, education

PI: Lindsay Smart, PhD

Study Title: Evaluation of the UNM HSC Certified Healthcare Leader Peer Coach Training

Funding Dates: No funding.

Funding Agency: No funding.

Project Synopsis: The Physician Coaching Institute (PCI), creator of the Certified Healthcare Leader Peer Coach program, developed this specialized training in response to both the challenges Academic Health Center faculty and staff leaders face in engaging and influencing their peers, and also to the desire on the part of front line staff for more professional development-focused conversations from leaders. This 3-month training program equips Academic Health Center faculty and staff leaders with specific coaching competencies that aims to promote more meaningful peer communication and engagement. InThe primary research questions are: Do participants improve in their confidence about their peer coaching skills? Are participants more willing to use peer coaching competencies in specific situations Do participants report satisfaction with a Peer Coaching Training Curriculum on a Post-Training Survey?

Keywords: Mentoring, diversity initiatives, professional development

PI: Poone Tehrani, MD

Study Title: A Teaching Curriculum for Rural & Community Psychiatry Residency Rotation: Systems of Care

Funding Dates: 5/14/2020-

Funding Agency: N/A

Project Synopsis: This project is a qualitative assessment of one of her curricula.

Keywords: Course Evaluation

PI: Ann Waldorf, PhD

Study Title: UNM Provider's Clinical Support System

Funding Dates: 9/30/18-9/29/21

Funding Agency: SAMSHA

Project Synopsis: The goal of this project is to embed the PCSS DATA 2000 Waiver training, required for prescribing buprenorphine, into medical, nursing, and physician assistance education at the University of New Mexico and examine outcomes related to numbers of waived and prescribing providers.

Keywords: Medication assisted treatment, Workforce Development Data 2002 Waiver Training

Research Projects from Other Departments of Possible Interest to Trainees

PI: Andrew Mayer, PhD

Study Title: The Impact of Diffuse Mild Brain Injury on Clinical Outcomes in Children

Funding Dates: 7/1/2016 -3/31/2021

Funding Agency: NIH/NINDS

Faculty Collaborator: Richard Campbell, PhD

Project Synopsis: This study is investigating the neuropsychological and neuroimaging outcomes of youth who have sustained mild traumatic brain injury.

Keywords: traumatic brain injury, neuropsychology, neuroimaging

PI: Nancy Pandhi, MD

Study Title: Designing a Community-Engaged Indigenous Curriculum-For Medical Students at the University of New Mexico- School of Medicine

Funding Dates: 7/01/2019-6/30/2021

Funding Agency: University of New Mexico School of Medicine, Scholarship in Education Allocations Committee

Project Synopsis: The goal of this project is to engage the community in conversations eliciting preferred content for an indigenous medical student curriculum.

Keywords: Native American Populations, Medical Students

PI: Nancy Pandhi, MD

Study Title: Public Health Associate Program

Funding Dates: 10/15/2019-10/14/2021

Funding Agency: Center for Disease Control (CDC)

Project Synopsis: This contract provides funding for a public health associate to be located at the Center for Native American Health. With close mentorship, this associate will identify a partner tribal community and develop and implement a comprehensive community health assessment process.

Keywords: Native American Populations, Community Health

PI: Robert Rhyne, MD, Department of Family and Community Medicine

Study Title: Integrated Treatment for Veterans with Co-Occurring Chronic Pain and Opioid Use Disorder

Funding Dates: 9/30/2019-8/31/2021

Funding Agency: NIH/NIDA

Project Synopsis: The major goal of this project is to test the efficacy of an innovative behavioral treatment for chronic pain patients who are prescribed buprenorphine for the treatment of opioid use disorder. This project supports the strategic goals of several NIH institutes by examining a difficult and understudied problem with the ultimate goal of impacting scientific knowledge and human health.

Keywords: Chronic Pain, Opioid Use Disorder

PI: Robert Rhyne, MD, Department of Family and Community Medicine

Study Title: New Mexico Prescription Drug Overdose Prevention

Funding Dates: 7/1/2015-6/30/2020

Funding Agency: NM DOH

Project Synopsis: To conduct an academic detailing program to improve opioid prescribing practices. The project is developing a chronic non-cancer pain toolkit for providers across the state and methodology for contacting medical providers and providing individual academic detailing consultation.

Keywords: Overdose Prevention

PI: Robert Rhyne, MD, Department of Family and Community Medicine

Study Title: NM State Tactical Response (STR) Opioid – RIOS Net

Funding Dates: 5/1/2017-6/30/2020

Funding Agency: SAMSHA

Project Synopsis: To provide academic detailing services and increase capacity for detailing services for NM on best practices for treating and managing pain and safe opioid prescribing.

Keywords: Pain Management

PI: Bill Shuttleworth, PhD, Neurosciences

Study Title: Spreading Depolarizations and Neuronal Vulnerability

Funding Dates: 1/1/2018-12/31/2022

Funding Agency: NIH/NINDS

Project Synopsis: This project addresses fundamental mechanisms that contribute to the progression of acute brain injuries, including stroke and trauma. Our long-term goal is to develop interventions that can be applied at late time points, and which ultimately will be translatable to clinical studies to improve survival, and quality of life of survivors. The project focuses on the phenomenon of Spreading Depolarization (SD), which has recently emerged as a key contributor to the delayed progression of acute brain injuries.

Keywords: Acute Brain Injuries

Research Projects by Trainees

PI: Megan Shedd, MD

Study Title: Experiences of Psychosis

Funding Dates: 12/10/2019-12/31/2020

Funding Agency: UNM Department of Psychiatry Rosenbaum Award

Mentor: Nancy Pandhi, MD, Department of Family and Community Medicine

Project Synopsis: The goal of this pilot project is to increase understanding about the experiences of psychosis in order to inform patients, caregivers, researchers, clinicians, learners and other stakeholders.

Keywords: Lived Experience, Psychosis, Qualitative

PI: Lori Keeling, PhD, Judith Biesen, PhD, Brandi Fink, PhD

Study Title: COVID Resist

Funding Dates: 5/15/2020 - 11/30/2020

Funding Agency: UNM SUD Grand Challenge

Project Synopsis: This project is investigating patient outcomes as a result of treatment model delivery changes implemented at UNM HS ASAP as a result of the COVID-19 pandemic.

Keywords: COVID-19

PI: Alice Luo, MD

Study Title: Bispectral Index Monitoring and Density Spectral Array to Detect Delirium in Hospitalized Patients: A Proof of Concept Study

Funding Dates: 8/12/2016-5/13/2021

Funding Agency: UNM SOM Bettie Black Dawson Trainee Research Grant

Mentor: Davin Quinn, MD

Project Synopsis: To evaluate the utility of bedside bispectral index monitoring to assist clinical diagnosis of delirium in general hospital patients.

Keywords: Delirium

Faculty Involved HSC Research Programs

Co-PIs: Lisa Cacari-Stone, PhD, College of Population Health; Steve Verney, PhD, Psychology; Maria Brave Heart, PhD, Psychiatry and Behavioral Sciences; Gabriel Sanchez, PhD, Political Science

Study Title: Transdisciplinary Research, Equity and Engagement (TREE) Center for Advancing Behavioral Health

Funding Dates: 09/01/2017-08/31/2022

Funding Agency: NIH/NIMHD

Faculty Collaborators: Deborah Altschul, PhD; Brandi Fink, PhD

Project Synopsis: The major goal of this proposal is to advance the science of minority health and health disparities by conducting transdisciplinary, multi-level research in a defined thematic area and by providing research opportunities and support for post-doctoral fellows, junior faculty, and other investigators.

PI: Vince Clark, PhD, MIND Research Network

Study Title: Multimodal Imaging of Neuropsychiatric Disorders

Funding Dates: 9/8/2008-6/30/2023

Funding Agency: NIH

Faculty Collaborators: Juan Bustillo, MD

Project Synopsis: This study examines the functional and anatomical connectivity in various neuropsychiatric disorders using multimodal neuroimaging, genetics, and advanced analysis approaches.

PI: Bill Shuttleworth, PhD

Study Title: UNM Center for Brain Recovery and Repair

Funding Dates: 07/01/2020 - 06/30/2025

Funding Agency: NIH/NIGMS

Faculty Collaborators: Richard Campbell, PhD, CBRR Clinical Core

Project Synopsis: The Center for Brain Recovery and Repair will establish an interdisciplinary team of basic science and clinical investigators, to focus on discovery of new and effective treatments to accelerate recovery of function for stroke and traumatic brain injury survivors. These efforts will provide the basis for a long-term commitment by UNM to strive to provide interventions of benefit to the large number of New Mexicans and their families living with the consequences of debilitating brain injuries.

PI: Bill Shuttleworth, PhD, Department of Neurosciences

Study Title: New Mexico IDeA Networks of Biomedical Research Excellence (INBRE)

Funding Dates: 4/1/2019-3/31/2024

Funding Agency: NIH/NIGMS

Faculty Collaborators:

Project Synopsis: New Mexico INBRE champions biomedical and community based research excellence in the state of New Mexico through the development of innovative, supportive and sustainable research environments for faculty and students, community engaging health initiatives, while building a network of lead scientists and educators at the state, regional and national level.