INTRODUCTION

Attached you will find the Department of Psychiatry and Behavioral Sciences Seventeenth Annual Report of Academic Activities. This report reflects the publications, presentations, research grants and community service of faculty members during the period July 1, 2016 through June 30, 2017. During this year faculty published peer-reviewed articles and books, book chapters and other non-peer reviewed publications. Only articles, book chapters, or books that were actually published during this time frame are included. Faculty within the department have been quite productive in terms of the number and quality of publications and their participation in national, regional and local scientific meetings and educational programs. In addition, faculty were involved in a number of community activities benefiting both the UC Davis and the greater Sacramento County communities.

Robert E. Hales, M.D., M.B.A.
Joe P. Tupin Professor and Chair
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Journal Articles


Book Chapters


Abstracts and Presentations

2016 Abbeduto L. Characterizing the Language Abilities of Individuals with Intellectual Disabilities in Treatment Studies. Presentation at 5th Annual Symposium on Advances and Perspectives on Knowledge of Down Syndrome and Other Neurological Disorders, Universidad Nacional Autónoma de México, Mexico City. August.

2016 Abbeduto L. Role of caregivers and parents in interventions. Presentation/Panel at Bridging Knowledge Gaps to Understand How Zika Virus (ZIKV) Exposure and Infection Affect Child Development. NICHD, Bethesda, MD. September.


Research Funding

PI/PD, Language development in fragile X syndrome. National Institute of Child Health and Human Development, R01 HD204356, 2/20/12-1/31/17, approx. $2,600,000 (total costs).

PI/PD, *Expressive Language Sampling as an Outcome Measure*. National Institute of Child Health and Human Development, R01 HD074346-03S1, 12/1/15-2/28/2018, approx. $1,000,000 (total costs). Note that this is a competitive supplement to R01.

PI/PD, *MIND Institute Intellectual and Developmental Disabilities Research Center*, National Institute of Child Health and Human Development, U54 HD079125, 9/24/13-6/30/18, $6,500,000 (total costs).

PI/PD (MPI), *UC Davis MIND Institute Clinical Site for National Autism Cohort*, Simons Foundation Autism Research Initiative, 4/1/16-3/31/19, $450,000 (total costs).

PI/PD (MPI), *Effects of AFQ056 on Language Learning in Young Children with Fragile X Syndrome (FXS)*, U01 NS096767, 09/30/2016 – 06/30/2020, $11,500,000 (total costs).


Co-I (J. Edgin, PI). *Memory Measures for Clinical Trials in Down syndrome and Fragile X syndrome*, R01HD088409, 09/22/2016 – 06/30/2021, $3,000,000 (total costs).


**Community Service**

Chair, Search Committee, Chief, Division of Child Development, Department of Pediatrics, UC Davis

Director, UC Davis MIND Institute

Member, Ad Hoc Review Committee, Centers for Disease Control

Member, Executive Committee, Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities

Member, Search Committee for Chair, Department of Pediatrics, UC Davis

Member, Special Emphasis Review Panel, NIH/NICHD
Amy Barnhorst, MD

Journal Articles

Book Chapters

Presentations


Community Service
Faculty Advisor, Wilderness Medicine Student Interest Group, UC Davis School of Medicine
Member, California Medical Society
Member, Consortium for Risk-Based Firearm Policy
Member, Firearm Violence Committee, California Medical Society
Member, Sierra Sacramento Valley Medical Society Medical Clearance Subgroup
Member, Sierra Sacramento Valley Medical Society Mental Health Task Force
Volunteer Preceptor, Clinica Tepati Student-run Clinic
Peer Reviewer, *Psychiatric Services*
Peer Reviewer, *Psychiatry Research*
Peer Reviewer, *Psychologic Services*
Journal Article


Abstracts and Presentations

2016 Establishing a rat model of maternal immune activation: MIND Institute Research Seminar Series, UC Davis, Davis, CA.

2016 A nonhuman primate of maternal immune activation: Gut-Brain-Immune Axis Symposium, UC Davis, Davis, CA.

2016 Intranasal oxytocin delivery in juvenile nonhuman primates (abstract), Society for Neuroscience; San Diego, CA.

2016 Poly(I:C) immune response is dependent on length: Implications for preclinical maternal immune activation models (abstract), Society for Neuroscience; San Diego, CA.

2016 Greater amygdala spine density in young ASD brains (abstract), Society for Neuroscience; San Diego, CA.

2016 Lifelong trajectory of human amygdala neuronal development is disrupted in autism (abstract), Society for Neuroscience; San Diego, CA.

2016 Amygdala growth from youth to adulthood in the macaque monkey (abstract), Society for Neuroscience; San Diego, CA.

2017 A non-invasive eye tracking study using rhesus macaques and titi monkeys (abstract), International Behavioral Neuroscience Society; Hiroshima, Japan.

2017 Establishing non-invasive eye-tracking technology for the study of social cognition in monogamous titi monkeys (abstract), Society for Behavioral Endocrinology; Long Beach, CA.
2017 Mid-Career Challenges: UC Davis Health Women in Medicine and Health Sciences Seminar, Sacramento, CA

Research Funding


Academic Federation Award (Bauman MD: PI), 7/1/15 – 6/30/17, Evaluating neuroinflammation in a rat model of maternal immune activation, $25,000 (Total Direct).

IDDRC Pilot Research Award, 1/30/17-12/31/18, (Bauman MD: PI). Sustained Maternal Immune Response: Impact on Social and Cognitive Development”, $75,000 (Total Direct).


Community Service

Co-Director, Women in Medicine and Health Sciences (WIMHS), UC Davis Health System
Member, Research Advisory Committee, Department of Psychiatry, UC Davis
Member, School of Medicine / CBS Educational Collaboration Committee, UC Davis
Member, UC Davis Academic Federation Review Committee
Member, UC Davis CSTSC Pilot Translational and Clinical Studies Program Review Committee
Member, UC Davis Dean’s Award for Excellence Review Committee
Member, UC Davis Health Endowed Chair Review Committee
Member, UC Davis Interdepartmental / Center Collaborative Research Seed Grant Review Committee
Member, UC Davis Neuroscience Doctoral Program Admissions Committee
Member, UC Davis Police Accountability Board
Member, UC Davis Women in Medicine and Health Sciences Faculty Mentee Review Committee
Reviewer, Biological Psychiatry
Reviewer, Developmental Psychobiology
Reviewer, Molecular Psychiatry
Reviewer, Neurotoxicology and Teratology
Emilie Bhe, MD

Presentations


Community Service

Member, Adult Psychiatry Recruitment Selection Committee
Member, Educational Policy Committee
Member, EMR Inpatient and Specialty Physician User Group Committee
Member, 5150 Training Designee
Member, Leaders in Medical Student Education Committee
Member, Medical Staff Wellbeing Committee
Cameron S. Carter, MD

Journal Articles


Presentations


Research Funding

5RO1MH084826-05 (Carter CS: PI) NIMH, 10/12/2013 - 10/01/2017.
Cognitive Neuroscience Task Reliability and Clinical Application Consortium Behavioral tasks measuring the RDoC constructs of reward sensitivity and working memory capacity will be validated, optimized, and characterized psychometrically. Optimized measures and their psychometric characteristics will then be publicly available for use in treatment development studies.

5R01MH059883-11 (Carter CS: PI) NIMH, 06/01/2013 - 06/01/2018.
Pathophysiology of Cognitive Disability in Schizophrenia: Using fMRI and two cognitive tasks evaluating unique aspects of cognitive control and approach motivation we will test the hypothesis that during a first episode of psychosis both schizophrenia and bipolar disorder patients will show cognitive control deficits that in schizophrenia will remain as stable trait deficits during the first year of illness but that in Bipolar disorder will show substantial improvement with clinical remission. In contrast Bipolar Disorder patients will show an enhanced sensitivity to repeated rewards that will be stable across clinical states, while schizophrenia patients will show intact or reduced responses to incentives across the course of the first year of illness.

5R01MH104235-02 (Carter CS: PI) NIMH 09/01/2014 - 09/01/2018.
Reducing Duration of Untreated Psychosis through Rapid Identification and Engagement in a controlled study within an established early psychosis specialty treatment program in Sacramento we will use a novel hand held device based screening approach as well as telemedicine enabled community based interventions we will seek to reduce the duration of untreated psychosis and improve outcomes in young people undergoing a first episode of psychotic illness.

Provides support for pre-doctoral trainees in the UC Davis Neuroscience Graduate Group during their first year of general training.

1P50MH106438-01 (Carter CS: PI) NIH/NIMH, 04/01/2015 - 03/31/2020.
UC Davis Conte Center Neuroimmune Mechanisms of Psychiatric Disorders
The goal of the Conte Center is to test the hypothesis that maternal immune activation contributes to schizophrenia by altering immune molecules in the brains of offspring, which, in turn, alters cortical connectivity, function, and behavior during development.

**Community Service**

Academic Adviser, Graduate Group in Clinical Research
Associate Editor, American Journal of Psychiatry
Chair, Search Committee Center for Neuroscience/Psychiatry Department
Chair, Search Committee Physiology and Membrane Biology, SOM
Deputy Editor, Biological Psychiatry
Director, UC Davis Behavioral Health Center of Excellence
Director, UC Davis Conte Center
Director, UC Davis Imaging Research Center
Director, Early Diagnosis and Preventive Treatment (EDAPT) Clinic
Director, Schizophrenia Research and Education Program
Member, ACNP Honorific Awards Committee
Member, Alzheimer’s Disease Center Advisory Committee, Department of Neurology
Member, Basic Science Council
Member, Editorial Board, Psychiatry Research: Neuroimaging
Member, Editorial Board, Neuropsychopharmacology
Member, Internal Advisory Committee, BIRCH Scholars Program
Member, Internal Advisory Committee, UC Davis Center for Mind and Brain
Member, Melbourne Neuropsychiatry Centre Scientific Advisory Committee
Member, Mentoring Academy Steering Committee
Member, Scientific Council, National Alliance for Research on Schizophrenia and Depression (NARSAD)
Member, UC Davis Campus Advisory Committee for the MIND Institute
Member, UCLA Center for Neurocognition and Emotion in Schizophrenia External Research Advisory Panel
Journal Articles


Abstracts and Presentations

2016 Brain and Behavior Research Foundation Webinar, Autism Causes and Therapeutics, August 9.

2016 Banbury Meeting on Animal Models, Cold Spring Harbor, NY, Translational mouse models of autism to understand causes and discover therapeutics, August 22.

2016 Department of Pharmacology seminar series, University of Texas San Antonio, Mouse models of autism to identify genetic causes and to discover pharmacological therapeutics, September 6.


2016 Society for Neuroscience, Spaced-training ameliorates cognitive deficits in a Down syndrome mouse model, first author Aliza Li, November 15.


**Research Funding**

NINDS 1U54NS079202-01.CounterAct Center: Novel anticonvulsant and neuroprotective therapies for TETS and OP intoxication. (Lein P: PI, Crawley JN: Co-Investigator) 9/1/2012 – 8/31/17. The goal of this project is the evaluation of long-lasting effects of seizure-inducing environmental toxins on cognitive, anxiety-related and depression-related behaviors in mice and rats.

Autism Speaks Targeted Proposal (Crawley JN, Sahin M, Jones: Co-PIs) 9/1/2013-8/31/2016. Preclinical Autism Consortium for Therapeutics (PACT). The goal of this project is to phenotype autism-relevant behaviors and physiology in four genetic mouse models of autism, to generate a platform for therapeutic discovery.

NIH NINDS R01 NS085709. Convergent Synaptic Mechanisms in Neurodevelopmental Disorders. (Crawley JN, Gall C, Lynch G: Co-PIs) 9/1/2013-8/31/2018. The goal of this project is to discover common downstream mechanisms in four mouse models of neurodevelopmental disorders with cognitive impairment.

NIH NICHD U54 5U54HD079125. Intellectual and Developmental Disabilities Research Center (Abbeduto L: PI, Crawley JN: Director, Rodent Behavior Core E) 9/24/2013-6/30/2018. The goal of this project is to develop and lead a Rodent Behavioral Core facility
for MIND Institute and UC Davis users working on mouse and rat models of neurodevelopmental disorders.

Simons Foundation Clinical Research Associates 497700. Preclinical evaluation of therapeutic efficacy of r-baclofen in reversing behavioral deficits in 16p11.2 deletion mice. (Crawley JN: PI) 01/01/2017 – 09/30/2017. The goal of this project is to evaluate the GABA-B r-baclofen for reversal of cognitive deficits in the Dolmetsch line of 16p11.2 deletion mice.

Community Service

Associate Editor, *Molecular Autism*
Chair, Infrastructure Committee, MIND Institute, UC Davis
Core E Director, IDDRC Executive Committee, MIND Institute, UC Davis
Member, Autism Research Training Program Faculty, MIND Institute, UC Davis
Member, Editorial Board, *Autism Research* (2007-present)
Member, Editorial Board, *Annali dell' Istituto Superiore di Sanità* (2011-present)
Member, Editorial Board, *Behavioural Brain Research* (2003-present)
Member, Editorial Board, *Brain Plasticity* (2014-present)
Member, Editorial Board, *Current Opinion in Behavioral Sciences* (2013-present)
Member, Editorial Board, *Current Psychiatry Reviews* (2004-present)
Member, Editorial Board, *Genes, Brain and Behavior* (2001-present)
Member, Editorial Board, *Neuropeptides* (2011-present)
Member, Editorial Board, *Pharmacology Biochemistry and Behavior* (1988-present)
Member, Editorial Board, *Reviews in the Neurosciences* (2005-present)
Member, Editorial Board, *Trends in Pharmacological Sciences* (1990-present)
Member, Executive Committee, MIND Institute
Member, External Advisory Board, Italian Association for Autism Research
Member, External Advisory Committee, Boston Children's Hospital Intellectual and Developmental Disabilities Center
Member, External Advisory Committee, Functional Assessment Core, Gladstone Institute, University of California San Francisco
Member, External Scientific Advisory Committee, Conte Center, Vanderbilt University
Member, External Scientific Advisory Committee, Innovative Medicines Initiative-European Autism Interventions, IMI EU-AIMS
Member, External Scientific Advisory Committee, NIH Knockout Mouse Project 2 and International Mouse Phenotyping Consortium
Member, Faculty Membership Committee, MIND Institute, UC Davis
Member, Faculty Search Committee: Chair, Department of Psychiatry and Behavioral Sciences, UC Davis
Member, Internal Advisory Committee, Mouse Biology Program, UC Davis
Member, Learning and Memory Graduate Training Program, Center for Neuroscience, UC Davis
Member, Neuroscience Graduate Group Faculty, Center for Neuroscience, UC Davis
Member, NIH Developmental Brain Disorders Study Section
Member, Review Panel, NARSAD Distinguished Investigator
Member, Review Panel, NARSAD Young Investigator Awards
Member, Review Panel, NIH Director New Innovator Awards
Member, Scientific Council, Brain and Behavior Research Foundation
(formerly National Alliance for Research on Schizophrenia and Depression, NARSAD)

Reviewer – Journal Manuscripts
  Autism Research
  Behavioral Neuroscience
  Behavioural Brain Research
  Cell
  European Journal of Pharmacology
  Genes, Brain and Behavior
  Journal of Neurodevelopmental Disorders
  Journal of Pharmacology and Experimental Therapeutics
  Learning and Memory
  Molecular Autism
  Nature
  Nature Genetics
  Nature Neuroscience
  Neuron
  Neuropeptides
  Neuropsychopharmacology
  Pharmacology Biochemistry and Behavior
  Psychopharmacology
  Science
  Science Translational Medicine
  Trends in Pharmacological Sciences
Richard A. Cross, MD

Community Service

Member, ACGME Next Accreditation System Clinical Competency Committee
Member, Education Policy Committee
Carolyn Sachiko Dewa, MPH, PhD

Journal Articles

2016 Hoch JS, Dewa CS. Walk long and prosper: What is the optimal way to help people achieve their goals? *Journal of General Internal Medicine*. 31(7), 712-713. PMCID: PMC4907962.


Abstracts & Poster Presentations


Invited Presentations

2016 Mental Illness, the Workplace, and Health Economics: The Role of the Lorax, Elephants, and A Pyramid. Amsterdam Medical Center Coronel Institute of Occupational Health and Vrije University Medical Center Amsterdam Public Health Research Institute, Amsterdam, The Netherlands, November 14.

2017 The Association Between Mental Disorders and Productivity and Interventions to Improve Disability Outcomes. Canadian Institute for the Relief of Pain and Disability Webinar, Vancouver, British Columbia, February 16.


2017 Discussing the Burden of Mental Disorders and Impact of Health Policies Discussing the Burden of Anxiety Disorders. Thirteenth Workshop on Costs and Assessment in Psychiatry - Mental Health Policy and Economics, Venice, Italy, March 25.

2017 Mental Health Services Research and Health Economics: Beyond Costs Recherches sur les services de santé mentale et économie de la santé: Au-delà des coûts. University of Montreal Annual Department of Psychiatry Day, Montreal, Quebec, Canada, April 27.


Research Funding

Dewa CS (PI), Trojanowski L, Loong D, Bonato S. How Does Physician Burnout Affect the Quality of Healthcare?: A Systematic Literature Review. ($5,000 Gold Foundation Mapping the Landscape Program), 2015-2017. The purpose of this systematic review is to develop the foundation for future funding applications for projects that examine the burden of physician burnout.

Xiong G, Yellowlees P, Dewa CS (Co-I). A Pilot Study Examining Use of Asynchronous and Synchronous Telepsychiatry Consultation for Skilled Nursing Facility Residents. ($200,000 Behavioral health Center of Excellence at University of California, Davis), 4/2015-4/2017. This study examines use of telepsychiatry and compares real-time (synchronous) versus videotaped and later reviewed consultations in skilled nursing facilities. This study focuses on acceptability and feasibility and aims to collect pilot data for a future R01 study.

Dewa CS (PI). Mental Health Gatekeeper Training Pilot Project. ($338,141 Behavioral Health Center of Excellence at University of California, Davis), 01/01/17 – 12/31/18. The purpose of this demonstration project is to evaluate the effectiveness of two training programs for
university staff and faculty with regard to mental health knowledge, attitudes, and behavior. This project will serve as a pilot project for future grant applications.


**Community Service**

Ad Hoc Reviewer, *Addictions*
Ad Hoc Reviewer, *The American Journal of Managed Care*
Ad Hoc Reviewer, *The American Journal of Pharmacy Benefits*
Ad Hoc Reviewer, *The American Journal of Preventative Medicine*
Ad Hoc Reviewer, *The Archives of General Psychiatry*
Ad Hoc Reviewer, *BMC Psychiatry*
Ad Hoc Reviewer, *BMC Public Health*
Ad Hoc Reviewer, *Canadian Journal of Community Mental Health*
Ad Hoc Reviewer, *Canadian Journal of Psychiatry*
Ad Hoc Reviewer, *Canadian Journal of Public Health*
Ad Hoc Reviewer, *Canadian Medical Association Journal*
Ad Hoc Reviewer, *Clinical Therapeutics*
Ad Hoc Reviewer, *Community Mental Health Journal*
Ad Hoc Reviewer, *Disease Management and Health Outcomes*
Ad Hoc Reviewer, *Early Intervention in Psychiatry*
Ad Hoc Reviewer, *Health Policy*
Ad Hoc Reviewer, *Healthcare Policy*
Ad Hoc Reviewer, *International Journal of Public Health*
Ad Hoc Reviewer, *Journal of Behavioral Health Services and Research*
Ad Hoc Reviewer, *Journal of Clinical Epidemiology*
Ad Hoc Reviewer, *Journal of Epidemiology and Community Health*
Ad Hoc Reviewer, *Journal of Health Care for the Poor and Underserved*
Ad Hoc Reviewer, *Journal of Health Economics*
Ad Hoc Reviewer, *Journal of Mental Health*
Ad Hoc Reviewer, *Journal of Occupational and Environmental Medicine*
Ad Hoc Reviewer, *Journal of Occupational Health*
Ad Hoc Reviewer, *Journal of Occupational Rehabilitation*
Ad Hoc Reviewer, *Journal of Psychosomatic Research*
Ad hoc Reviewer, *Journal of Traumatic Stress*
Ad Hoc Reviewer, *Lancet Psychiatry*
Ad Hoc Reviewer, *Medical Care*
Ad Hoc Reviewer, *Occupational Medicine*
Ad Hoc Reviewer, *Pharmacoeconomics*
Ad Hoc Reviewer, *Psychiatric Services*
Ad Hoc Reviewer, *Social Psychiatry and Psychiatric Epidemiology*
Ad Hoc Reviewer, *Social Science and Medicine*
Associate Scientific Editor, *Health Promotion and Chronic Disease Prevention in Canada*
Member, Editorial Board, *Canadian Journal of Psychiatry*
Member, Editorial Board, *Canadian Journal of Community Mental Health*
Member, Editorial Board, *Journal of Occupational Rehabilitation*
Member, Editorial Board, *Journal of Mental Health Policy and Economics*
Member, Health Fee Oversight Committee, University of California, Davis
Panel Reviewer, The Social Sciences and Humanities Research Council (SSHRC)/Canadian Institutes of Health Research Healthy and Productive Work – Partnership Development Grant, 2016
Nathan Fairman, MD, MPH

Books


Book Chapters


Abstracts and Presentations

2016 Hargadon A, Galligan B, Shah C, Zhao I, Paciotti B, Tran Q, Fairman N. Oral anti-cancer medications at the end: the beginning of the end or the end of the beginning? Palliative and Supportive Care in Oncology Symposium, American Society of Clinical Oncology, San Francisco CA. Poster Presentation. October.


Community Service

Chair and Member, End of Life Option Act Committee, UC Davis Medical Center
Chair and Member, Supportive Oncology Committee, UC Davis Comprehensive Cancer Center
Member, Cancer Committee, UC Davis Comprehensive Cancer Center
Member, Clinical Bioethics Consultation Committee
Member, Doctoring Programs Steering Committee, UC Davis School of Medicine
Member, End of Life Option Act Committee, UC Davis Comprehensive Cancer Center
Member, Palliative Care Committee, UC Davis Medical Center
Member, Professionalism Improvement Committee, UC Davis School of Medicine
Member, Teams for Professionalism, Ethics, and Cultural Enrichment (Team PEACE) Committee, UC Davis School of Medicine
Catherine Fassbender, PhD

Journal Articles


Presentations


2017 Fassbender C. ADHD and Substance Abuse, *Calciano Youth Symposium*, Santa Cruz, CA

Research Funding


Community Service

Ad Hoc Reviewer, *The American Journal of Psychiatry*
Ad Hoc Reviewer, *Archives of General Psychiatry*
Ad Hoc Reviewer, *Biological Psychiatry*
Ad Hoc Reviewer, *Brain Imaging and Behavior*
Ad Hoc Reviewer, *Brain Research*
Ad Hoc Reviewer, *Clinical Psychology Review*
Ad Hoc Reviewer, *Human Brain Mapping*
Ad Hoc Reviewer, *Journal of Addiction Medicine*
Ad Hoc Reviewer, *Neuroscience Bulletin*
Administrator, Parenting Resources Facebook Page, UC Davis Medical Center
Member, Editorial Board and Academic Editor, International Neuropsychiatric Disease Journal
Member, Interdepartmental Academic Merit Review Committee, UC Davis
Member, MIND Institute Space Committee, UC Davis
Member, Neuroimaging Safety Committee, UC Davis

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Jessica Ferranti, MD

Journal Articles

2016 Ferranti J. True threat doctrine and mental state at the time of speech, J Am Acad Psychiatry Law, June; 44(2):138-44.


Book Chapters


Abstracts and Presentations


Community Service

Associate Editor, Journal of the American Academy of Psychiatry and the Law
Chair, National Committee on Forensic Psychiatry Training in General Psychiatry Programs, American Academy of Psychiatry and the Law
Councilor, American Academy of Psychiatry and the Law
Member, Peer Review Committee, consulting to the Vice-Provost, Academic Affairs, UC Davis
Secretary, American Academy of Psychiatry and the Law
Caroline Giroux, MD

Presentations


Community Service

Member, Credentials and Privileges Committee
Member, Editorial Committee, Sacramento Sierra Valley Medicine
Member, Sacramento Psychoanalytical Society
Elizabeth Gutierrez, MD

Community Service

President-Elect, Central California Regional Organization of Child and Adolescent Psychiatry
Member, American Academy of Child and Adolescent Psychiatry
Robert E. Hales, MD, MBA

Community Service

Member, Council of Chairs, UC Davis Health
Member, Medical Staff Executive Committee, UC Davis Health
Member, Practice Management Board, UC Davis Health
Member, Quality Improvement Committee, Department of Psychiatry
Member, UC Davis-VA Northern California Strategic Planning Committee

County of Sacramento
Chair, Medication Monitoring Committee, Behavioral Health Division, Department of Health and Human Services, County of Sacramento
Chair, Pharmacy and Therapeutics Committee, County of Sacramento
Member, Executive Management Team, Behavioral Health Division, Department of Health and Human Services, County of Sacramento
Member, Quality Improvement Committee, County of Sacramento

Other
Distinguished Life Fellow, American Psychiatric Association
Fellow, American College of Psychiatrists
Member, Association for Academic Psychiatry
Member, California Medical Association
Member, Sacramento-El Dorado Medical Society
Journal Articles


Book Chapters


Abstracts and Presentations


Research Funding


Trajectories and Markers of Neurodegeneration in Fragile X Premutation Carriers, NIMH - 2R01MH078041-06, $2,970,846, 2013-2018, Co-Equal Principal Investigator.


Community Service

Member, Child and Family Care Administrative Advisory Committee, UC Davis
Member, Clinical Trials Committee, National Fragile X Foundation
Member, Editorial Board, Journal of Neurodevelopmental Disorders
Member, Executive Council, National Fragile X Foundation
Member, Faculty Welfare Committee, UC Davis
Member, Fragile X Clinical and Research Consortium Executive Council
Member, Human Development Graduate Group, UC Davis
Member, Neuroscience Graduate Group, UC Davis
Member, Research and Clinical Advisory Board, National Fragile X Foundation
Co-Editor, Special Issue on Fragile X-Associated Tremor/Ataxia Syndrome (FXTAS) – The Clinical Neuropsychologist
Ad Hoc Reviewer, Board of Scientific Counselors, National Institute of Mental Health
Reviewer, Acta Psychiatrica Scandinavica
Reviewer, American Journal on Intellectual and Developmental Disabilities
Reviewer, American Journal of Medical Genetics
Reviewer, American Journal of Psychiatry
Reviewer, Annals of Neurology
Reviewer, Behavior Genetics
Reviewer, Biological Psychiatry
Reviewer, Child Development
Reviewer, Development and Psychopathology
Reviewer, International Journal of Psychophysiology
Reviewer, Journal of Autism and Developmental Disorders
Reviewer, Journal of Child Psychology and Psychiatry
Reviewer, Journal of Intellectual Disability Research
Reviewer, Neuropsychology
Reviewer, Pediatrics
Ladson Hinton, MD

Journal Articles


Books


Book Chapters


Research Funding


Center to Advance Cognitive Health and Healthcare in Older Latinos, National Institute on Aging, P30AG043097, 7/1/2012-6/30/2018, Principal Investigator.

Innovations Bridging Clinics and Communities to Advance Late Life Depression Care, Archstone Foundation, 7/1/2014-06/30/2018, Principal Investigator of UC Davis Subcontract.

Community Service

Chair, USC Distinguished Scholars Advisory Board, Roybal Institute on Aging
Member, Data Safety Monitoring Board, Improving Outcomes for Family Caregivers and Older Adults with Complex Conditions: The Adult Day Service Plus Program (R01AG049692 Gitlin PI)
Member, Data Safety Monitoring Board, Preventing Depression in Later Life: A Model for Low and Middle Income Countries (R34MH096997 PI Charles Reynolds)
Member, Diversity and Inclusion Committee, Northern California Alzheimer’s Association
Member, Editorial Board, Clinical Gerontologist
Member, Editorial Board, Journal of Cross-Cultural Gerontology
Member, External Advisory Committee, Stanford Alzheimer’s Disease and Research Center
Member, External Advisory Committee, UCSF Alzheimer’s Disease and Research Center
Member, External Advisory Committee, USC Alzheimer’s Disease and Research Center
Member, Institute of Medicine Ad Hoc Committee on Family Caregiver to Older Adults
Member, UC Davis Nursing Science Health-Care Leadership Graduate Group
Triage Editor, American Journal of Geriatric Psychiatry
Robert Horst, MD

Grant Funding

Grant 09-000212, $12,000. 05/31/17 to present. The Klingenstein Third Generation Foundation Fellowship Program in Child and Adolescent Psychiatry, UC Davis Health System Role: Principal Investigator.

Community Service

Member, American Psychiatric Association
Member, American Academy of Child and Adolescent Psychiatry
Member, Central California Psychiatric Society
Member, Central California Regional Organization of Child and Adolescent Psychiatry
Member, Child and Family Mental Health Management Team, Sacramento County
Member, Child Training and Education Committee, UC Davis Child Psychiatry Residency Program, UC Davis School of Medicine
Member, Juvenile Health and Mental Health – Delinquency Sub-committee, Sacramento County
Member, Juvenile Health and Mental Health – Dependency Sub-committee, Sacramento County
Member, Sacramento County Child and Family Services Unit
Member, Sacramento County Credentialing Committee
Member, Sacramento County Management Team
Member, Sacramento County Medication Monitoring Committee
Member, Sacramento County Pharmaceutical and Therapeutics Committee
Member, Sacramento County Quality Improvement Committee
Member, Sierra Sacramento Valley Medical Society
Program Director, The Klingenstein Third Generation Foundation Fellowship Program in Child and Adolescent Psychiatry, UC Davis Health System
Debra Kahn, MD

Poster Presentation


Research Funding

2014-2016, $144,764, Patient Centered Recovery Program, University Office of the President. Site PIs: Kahn D, Moulin A.

2015-2017, $200,000, Asynchronous Telepsychiatry in Nursing Homes, UC Davis Behavioral Health Center of Excellence. Xiong G (PI), Kahn D Role: Clinical provider from Oct 2016-March 2017 (9%).

Community Service

Member, Bioethics Committee, UC Davis Medical Center
Member, Emergency Department-Psychiatry Patient Flow Committee, UC Davis Medical Center
Member, Grand Rounds Committee, UC Davis Department of Psychiatry
Member, Medical School Admissions Committee, UC Davis School of Medicine
Member, Medical Staff Well-being Committee, UC Davis Medical Center
Member, Workplace Violence Advisory Group, UC Davis Medical Center
Representative, Department of Psychiatry, HICs Disaster Planning System
UC Davis Medical Center 5150 Site Coordinator for Sacramento County
Keather Kehoe, MD

Community Service

CCROCAP Representative for Assembly of Regional Organizations, American Academy of Child and Adolescent Psychiatry
Member, Executive Committee, Central California Regional Organization of Child and Adolescent Psychiatrists
Laura Kenkel, MD

Community Service

Chair, Professionalism Improvement Committee and Consultation Service, UC Davis School of Medicine
Co-Advisor, UC Davis School of Medicine Chapter of the Gold Humanism Honor Society
Member, Clinical Competency Committee, UC Davis Department of Psychiatry and Behavioral Sciences
Member, Committee on Student Wellness, UC Davis School of Medicine
Member, Doctoring Steering Committee, UC Davis School of Medicine
Member, Leaders of Medical Student Education (LMSE) Committee, UC Davis Department of Psychiatry and Behavioral Sciences
Member, Psychiatry Clerkship Site Directors Committee, UC Davis School of Medicine
Alan Koike, MD, MSHS

Community Service

Chair, Adult Psychiatry Recruitment Selection Committee, Department of Psychiatry and Behavioral Sciences, University of California, Davis, Medical Center
Chair, Educational Policy Committee, Department of Psychiatry and Behavioral Sciences, University of California, Davis, Medical Center
Member, Clinical Quality Improvement Committee, Department of Psychiatry and Behavioral Sciences, UC Davis School of Medicine
Member, Graduate Medical Education Committee, UC Davis School of Medicine
Member, Leaders in Medical Student Education Committee, Department of Psychiatry and Behavioral Sciences, UC Davis School of Medicine
Member, Student Promotions Committee, UC Davis School of Medicine
**Russell F. Lim, MD, MEd**

**Journal Articles**


**Book Chapters**


**Presentations**


**Community Service**

Member, Editorial Board, *Community Mental Health Journal*
Section Editor, *International Journal of Mental Health and Culture*
Richelle Long, PhD

Community Service

5150 Designee, Sacramento County Children’s Behavioral Health Program
Member, American Psychological Association
   Division 17 – Society of Counseling Psychology
   Division 53 – Society of Clinical Child and Adolescent Psychology
   Division 56 – Trauma Psychology
Richard Maddock, MD

Journal Articles


Abstracts and Presentations

2016 Caton MD, Ragland JD, Maddock RJ. Validation study of glutamate measurement using GABA-optimized MEGA-PRESS MRS acquisitions. American College of Neuropsychopharmacology annual meeting, December.


Research Funding


*Distinguishing vesicular from cytoplasmic glutamate in the brain with in vivo MRS*, Behavioral Health Center of Excellence Pilot Grant Award. 11/1/2016 – 10/31/2018, Role: Principal Investigator.


NIH 1P50MH106438-01, UC Davis Conte Center *Neuroimmune Mechanisms of Psychiatric Disorders*, 04/01/2015 – 03/31/2020 (PI Carter) Role: Co-Investigator, Project 4.

Community Service

Member, Editorial Board, *Biological Psychiatry*
Member, Editorial Board, *Cognitive Neuroscience and Neuroimaging*
Reviewer, *JAMA Psychiatry*
Reviewer, *Journal of Neuroscience Research*
Reviewer, *Nature Communications*
Reviewer, *Psychiatry Research Neuroimaging*
Reviewer, *Therapeutic Advances in Psychopharmacology*
Journal Articles


2017 McBride A, Xiong G. Weight Loss and Social Withdrawal in a 19-Year-Old Male, Medscape Case Challenges, Feb 9

Presentations


Community Service

Chair, Child Psychiatry Recruitment Selection Committee, CAP Residency Training Program
Department of Psychiatry and Behavioral Sciences, UC Davis
Chair, Child Training and Education Committee, CAP Residency Training Program,
Department of Psychiatry and Behavioral Sciences, UC Davis
Member, Bioethics Committee, UC Davis Medical Center
Member, Clinical Competency Committee, CAP Residency Training Program, Department of Psychiatry and Behavioral Sciences, UC Davis
Member, Forensic Training in General Psychiatry Residency Programs Committee, American Academy of Psychiatry and the Law
Mentor, The Klingenstein Third Generation Foundation Fellowship Program in Child and Adolescent Psychiatry, UC Davis Health System
Barbara E. McDermott, PhD

Journal Articles


Book Chapters


Abstracts and Presentations


Community Service

Member, Academic Advisory Committee, Department of State Hospitals
Member, Napa State Hospital, Forensic Quality Review Panel
Member, Napa State Hospital, Quality Council
Member, Napa State Hospital, Research Advisory Committee
Member, Napa State Hospital, Violence Reduction Committee
Member, Committee B, UC Davis Institutional Review Board
Reviewer, Assessment
Reviewer, Bipolar Disorders
Reviewer, Criminal Justice and Behavior
Reviewer, International Journal of Forensic Mental Health
Reviewer, Journal of Affective Disorders
Reviewer, Journal of Clinical Psychiatry
Reviewer, Journal of Clinical Psychology in Medical Settings
Reviewer, Journal of Consulting and Clinical Psychology
Reviewer, Law and Human Behavior
Reviewer, Psychological Assessment
Reviewer, Schizophrenia Research
Senior Fellow, UC Justice and Health Consortium
Journal Articles


Abstracts and Presentations


Research Funding


UNDG 16-002, 06/2016-09/2016, *Miller M* (Mentor; Student: Laura Bell) *Developmental Trajectories of ADHD Symptoms in Infants at Risk for ASD.* Autism Science Foundation, ASF Summer Undergraduate Fellowship.

Community Service

Co-Chair, APA Society for Clinical Child & Adolescent Psychology Convention Programming Member, Editorial Advisory Board, CHADD *Attention Magazine*
Reviewer, *Biological Psychiatry*
Reviewer, *Child Development*
Reviewer, Journal of Abnormal Child Psychology
Reviewer, Journal of Attention Disorders
Reviewer, Journal of Autism & Developmental Disorders
Reviewer, Journal of Child Psychology & Psychiatry
Reviewer, Society for Research in Child Development Biennial Meeting
Aimee Moulin, MD

Journal Articles


Abstracts and Presentations

2016 Hospital Jail—5150, UC Davis EM Academic Forum, UC Davis, July 26.

2016 Suicide Assessment, UC Davis EM Academic Forum, UC Davis, July 26.

2016 AF Opiate Risk EM, UC Davis EM Academic Forum, UC Davis, August 30.


2016 Prescription Opiate Use, UCD Undergrad Substance Use Course, UC Davis, November 4.


2016 Malingering from Diagnosis to Disposition, National Updates in Behavioral Emergencies, Las Vegas NV. December 8.


2017 California’s Community Paramedicine Pilots-Evaluating the Data, UC Davis Center for Healthcare Policy and Research, March15.

2017 California’s Systems of Acute Mental Health Care, Mental Health Symposium UC Center, Sacramento, CA. May 11.

2017 County Variation in Mental Health Emergency Department and Hospital Use in California, Annual NRSA Research Training Conference, New Orleans, LA. June 24.

Research Funding

Agency for Healthcare Research and Quality T32 training grant funded Quality Safety and Comparative Effectiveness Research Training fellowship effective date September 2016.
Community Service

Co-Chair, UCD Winter Conference
Member, Advisory Board, *Western Journal of Emergency Medicine*
Member, Interview Committee, UC Davis School of Medicine
Member, Sacramento Steps Forward Health Committee
Member, Sierra Sacramento Valley Medical Center Medical Clearance Workgroup
Member, Trauma Injury Prevention American College of Emergency Physicians
President, California Chapter American College of Emergency Physicians
Specialty Delegation Representative, California Medical Association
Peter Mundy, PhD

Journal Articles


Book Chapters


Abstracts and Presentations


2017 **Mundy P**. Autism and Joint Attention Clinical and neuroscience implications across the life span. Florida International University Center for Families and Children, Miami, April 11th.

2017 **Mundy P**. The role of joint attention on Autism: Assessment, Intervention and Social Cognitive Neuroscience. Promising Pathways Conference on Best Practice in ASD, Florida Gulf Coast University, April 8th.

2017 Mundy P. Conceptualizing autism as a learning disability: from preschool research to school-aged academic interventions. Ninth Annual Autism Symposium, Wolfson Children’s Hospital, Jacksonville, FL, March 8th.

2017 Schiltz H, Cooper E, Zajic M, Swain-Lerro L, McIntyre N, McCauley J, **Mundy P**. Eye Contact and Anxiety in High Functioning Children with ASD. Paper selected for presentation at the Society for Research in Child Development Biennial Meeting, April 6, Austin, Texas.
Research Funding

IES R324A120168, 03/01/2012-02/28/2017, $1,533,705.00, Mundy (P.I.) 19% effort. The goal of this longitudinal study is to examine the development of academic reading, math and writing skills in 80 children with Autism Spectrum Disorders (ASD) and 40 age and IQ matched children with ADHD, as well as 40 children with typical development.

DOE P200A150303 – 16, 09/01/2015 - 08/31/2018, $393,764.00, Psychometric Training in Assessment of Special Populations, Graduate Assistance in Areas of National Need (GAANN) training grant. Mundy (PI) 10% effort. Graduate training is educational and psychological assessment of children served under the Individuals with Developmental Disabilities Act (IDEA), with emphasis on the recruitment and training of minority students.

HRSA 15-091, 09/01/2015 to 08/31/2020, $10,000,000/5 years, Autism Intervention Research-Behavioral Health (AIR-B) Mundy (Co-investigator), (A. Stahmer, UC Davis PI, C. Kasari, UCLA Network, P.I.) 10% effort. Dr. Mundy’s role on the this project is to work with the research team and community partners in designing and testing supports to improve the academic transitions and outcomes for low resource students with ASD as they move into Kindergarten and first grade, as well as when they graduate from elementary to secondary schools.
Journal Articles


Poster Presentations


Research Funding

NARSAD Young Investigator Award, 1/15/13 – 1/14/17, 0.12 calendar months. Dynamic Longitudinal Developmental Trajectories and Functional Outcome in Early Psychosis, $59,680 total directs. This Young Investigator award provides funding for a study that utilizes fMRI and an established measure of cognitive control (AXCPT) to prospectively examine the neurodevelopmental course of prefrontal functioning across the age span of 12-25 years in individuals with schizophrenia (SZ) and demographically matched healthy controls (HC). Niendam TA (PI).

UC Davis Behavioral Health Center of Excellence, 4/1/15 – 3/31/17, 0.60 calendar months. Using mobile technology to detect early warning signs of mental health challenges and enhance treatment delivery for youth with early psychosis in community outpatient settings. $200,000 total directs. This project will determine the feasibility of utilizing a mobile health application to track individual’s daily and weekly clinical symptoms in three community-based early psychosis populations, while simultaneously examine its ability to systematically capture aspects of relapse and recovery. Niendam TA (PI).
Multidisciplinary Training in Evidence-Based Assessment and Treatment of Children and Youth with Trauma and Serious Mental Illness, $175,926 annual direct costs. Through a collaboration between the UC Davis Department of Pediatrics, UC Davis CAARE Center and UC Davis SacEDAPT clinic, this grant provides support for the training of predoctoral psychology interns in trauma-focused work in youth with serious mental illness, particularly psychosis. Dr. Niendam serves as the Project Co-Director and the Training Director for interns at the SacEDAPT Clinic. Urquiza A (PI); Niendam T (Project Co-Director).

California Mental Health Services Act Oversight and Accountability Commission Evaluation of Outcomes and Associated Costs for Early Psychosis Programs: UC Davis Pilot and Statewide Method Development, 7/1/15 – 6/30/17, 0.72 calendar months, $200,000 total. This evaluation seeks to identify and analyze EP program costs (i.e., costs expended to implement EP programs), outcomes associated with participation in the programs (e.g., change in hospitalization rates or length of stay following implementation of the program), and costs associated with those outcomes (e.g., costs associated with hospitalization) related to providing early psychosis programs in the state of California. The UC Davis SacEDAPT Clinic will be used as an exemplar of an EP program and this evaluation will examine its effectiveness within Sacramento County, which will be translated to a proposal for a statewide evaluation of EP programs. Niendam T (PI)

Neural Mechanisms of Memory Dysfunction in Schizophrenia, $350,903 annual direct costs. The proposed research will use EEG, fMRI and MRS to establish disrupted (GABAergic) neural inhibition in the dorsolateral prefrontal cortex (DLPFC) as a candidate mechanism for the reduced theta oscillations, reduced fMRI activation in DLPFC and hippocampal circuits, and disproportionate relational memory impairments in people with schizophrenia observed in our previous research. As a Co-Investigator, Dr. Neindam supports the acquisition of clinical and psychosocial functioning data as well as data analyses, interpretation and manuscript preparation. Ragland JD (PI); Niendam T (Co-Investigator).

Reducing Duration of Untreated Psychosis Through Rapid Identification and Engagement, $457,828 annual direct costs. Through the use of technology-enhanced screening and engagement, the proposed project seeks to reduce the duration of untreated psychosis at a community level by addressing two bottlenecks: 1) delays in accurate identification and 2) delays in engagement in FEP care. The results of this project will provide new evidence-based practices for reducing DUP and improving outcomes in recent onset psychosis. As a Co-Investigator, Dr. Niendam assists in overseeing the project managing staff in day-to-day activities, recruiting participants, managing data collection and analysis. She participates in interpretation of the results as well as in presenting the results of the research and preparing manuscripts for publication. Carter C (PI); Niendam TA (Co-Investigator).

Cognitive-Affective Psychosis Proneness Risk and protective factors in 22q11.2DS, $ 485,236 annual direct costs. The proposed research seeks to explore the cognitive and neural correlates of psychosis risk in youth with 22qDS. 22q youth will be characterized clinically across a novel dimension of
psychosis proneness, which will be examined in relationship to measures of cognitive function using ERP and fMRI. As a Co-Investigator, Dr. Niendam supervises the clinical assessments, as well as provides guidance on the analyses related to the psychosis risk data and development of the psychosis-proneness dimensional scale. Dr. Niendam is also involved in data analysis, interpretation and manuscript writing. Simon T (PI), Niendam T (Co-Investigator).

NIMH 1R01MH106518, 1/01/16 – 12/31/21, 1.2 calendar months. Neurodevelopment of cognitive control in autism: adolescence to young adulthood, $410,533 annual direct costs. This study examines the development of cognitive control across adolescence into young adulthood and its relationship to functional outcomes in individuals with Autism Spectrum Disorders using fMRI and behavioral measures. Solomon M (PI), Niendam TA (Co-Investigator).

Community Service

Co-Chair, Society for Women in Academic Psychiatry (SWAP)
Ad Hoc Reviewer, Biological Psychiatry
Ad Hoc Reviewer, The Harvard Review of Psychiatry
Ad Hoc Reviewer, Journal of Psychiatric Research
Ad Hoc Reviewer, PLOS ONE
Ad Hoc Reviewer, Psychological Medicine
Member, Status of Women at Davis Administrative Advisory Committee (SWADAC)
Christine Wu Nordahl, PhD

Journal Articles


Book Chapters


Abstracts and Presentations

2017 Kuschner ES, Nordahl CW, Shen MD, Stephenson KG. Clinical strategies for increasing inclusion in neuroscience research across the ASD spectrum. Special Interest Group, International Meeting for Autism Research, San Francisco, CA.


Research Funding

NIMH R01MH104438, Neural Phenotypes of Females with Autism Spectrum Disorder, 2014-2019, $446,894 (annual direct costs), Nordahl C (PI).


NICHD R21HD088928, Hippocampal Contribution to Episodic Memory Development and Loss in Toddlers, 2016-2018, $125,000 (annual direct costs), Nordahl C (Co-Investigator).

NIMH R01MH103371, Neurophenotypic Trajectories and Behavioral Outcomes in Autism Spectrum Disorder, 2015-2020, $499,194 (annual direct costs), Nordahl C (Co-Investigator).

Community Service

Chair, Academic Federation Committee on Research, UC Davis
External Member, Interagency Autism Coordinating Committee (IACC) Working Group on Underlying Biology of Autism Spectrum Disorder, NIH
Member, Academic Federation Executive Council, UC Davis
Member, Academic Senate Committee on Research, UC Davis
Member, MIND Institute Space Committee
Member, Joint Task Force on Research Units, UC Davis
Ad-hoc reviewer, NIH Child Psychopathology and Developmental Disabilities Study Section
Ad-hoc reviewer, NICHD Special Emphasis Panel ZHD1 DSR-H
Reviewer, Israel Science Foundation, Individual Research Grants
Reviewer, Cerebral Cortex
Reviewer, Biological Psychiatry
Reviewer, Journal of Autism and Developmental Disorders
Reviewer, Autism Research
Reviewer, Journal of the American Academy of Child and Adolescent Psychiatry
Reviewer, Journal of Neurodevelopmental Disorders
Sally Ozonoff, PhD

Journal Articles


Abstracts and Presentations


2016 Ozonoff S. Regression in ASD: The rule rather than the exception? Bruce Pennington invited symposium, University of Denver, December.


2017 Barkoski J, Bennett D, Ozonoff S, Tancredi DJ, Barr D, Hertz-Picciotto I. In utero pyrethroid pesticide exposure and child cognitive development from 6 to 36 months in the MARBLES longitudinal cohort. International Meeting for Autism Research, San Francisco, May.


Research Funding


UG3 OD023342, *An ASD-enriched ECHO cohort*, National Institute of Environmental Health Sciences, Ozonoff S (Subcontract PI).

R01 ES028089, *Environmental influence on infant microbiome development and ASD symptoms*, National Institute of Environmental Health Sciences, Ozonoff S (Co-investigator).

Community Service

Member, American Psychiatric Association *DSM* Review Committee
Member, Autism Spectrum Disorders Advisory Board, UC Davis Extension
Member, Autism Advisory Board, Guilford Press
Member, Editorial Board, *Autism Research*
Member, Editorial Board, *Autism Spectrum Quarterly*
Member, Editorial Board, *Journal of Autism and Developmental Disorders*
Member, Graduate Group in Clinical Research, UC Davis
Member, International Society for Autism Research Scientific Standards Committee
Member, TEACCH Advisory Board, University of North Carolina
Reviewer, American *Journal of Speech and Language Pathology*
Reviewer, *Autism Research*
Reviewer, *Autism: The International Journal of Research and Practice*
Reviewer, *Biological Psychiatry*
Reviewer, *Development and Psychopathology*
Reviewer, *Journal of Abnormal Child Psychology*
Reviewer, *Journal of the American Academy of Child and Adolescent Psychiatry*
Reviewer, *Journal of Autism and Developmental Disorders*
Reviewer, *Journal of Child Psychology and Psychiatry*
Reviewer, *Journal of Neurodevelopmental Disorders*
Reviewer, *Pediatrics*
Reviewer, *Research in Autism Spectrum Disorders*
Abstracts and Presentations


2017 Calciano Youth Symposium, *Understanding ADHD Diagnosis and Treatment: Cutting Edge Update from The UC Davis MIND Institute*, Santa Cruz CA.

2017 Minds Behind The MIND Presentation. ADHD: A Longitudinal Approach and Research Update.

2017 Collins H, **Pakyurek M**. *Interdisciplinary Comprehensive ADHD Program (ICAP): Improving Multimodal Treatment for ADHD in the UC Davis Health Care System.* Poster Presentation, UC Davis Annual Healthcare Quality Forum, Sacramento, CA.

2017 Collins H, **Pakyurek M**. *Interdisciplinary Comprehensive ADHD Program: Pilot Program to Improve Collaborative Care and Multimodal Treatment for ADHD.* Poster Presentation, Central California Psychiatric Society Annual Conference, Monterey, CA.

Research Funding

J. Daniel Ragland, PhD

Journal Articles


Abstracts and Presentations


2017 Savill M, Skymba H, Niendam T, Loewy R, Lesh T, Ragland JD, Carter CS, Goldman H. Acceptability, Barriers and Facilitators to Screening for Psychosis in Different Mental Health Settings, 16th International Congress on Schizophrenia Research, San Diego, CA, USA.


2017 Caton M, Ragland JD. Delusional Ideation in Psychosis Correlates with Decreased Left Prefrontal NAA, 72nd Annual Meeting of the Society of Biological Psychiatry, San Diego, CA, USA.

2017 Ray K, MacDonald III AW, Ragland JD, Gold JM, Silverstein SM, Barch DM, Carter CS. Dynamic Network Reorganization of the Frontal-Parietal, Salience, and Default Mode Networks during Cognitive Control and Episodic Memory, 72nd Annual Meeting of the Society of Biological Psychiatry, San Diego, CA, USA.

Research Funding

5R01MH059883-11 (PI: Carter), NIMH, 6/1/13-6/1/18. *Pathophysiology of Cognitive Disability in Schizophrenia*: Using fMRI and two cognitive tasks evaluating unique aspects of cognitive control and approach motivation we will test the hypothesis that during a first episode of psychosis both schizophrenia patients will show cognitive control deficits that in schizophrenia will remain as stable trait deficits during the first year of illness, but that in Bipolar disorder will show substantial improvement with clinical remission. In contrast Bipolar Disorder patients will show an enhanced sensitivity to repeated rewards that will be stable across clinical states, while schizophrenia patients will show intact or reduced responses to incentives across the course of the first year of illness. Annual Direct Costs: $353,757.

5R01MH084826-05 (PI: Carter), NIMH, 10/12/13-10/1/18. *Cognitive Neuroscience Task Reliability and Clinical Application Consortium*. Behavioral tasks measuring the RDoC constructs of reward sensitivity and working memory capacity will be validated, optimized, and characterized psychometrically. Optimized measures and their psychometric characteristics will then be publically available for use in treatment development studies. Annual Direct Costs: $191,809.

1R01MH105411-01 (PI: Ragland) NIMH, 1/01/14-12/30/18. *Neural Mechanisms of Impaired Episodic Memory in Schizophrenia*. This grant uses a multimodal functional imaging approach (EEG, fMRI and MRS) to examine the relationship between the function of prefrontal and hippocampal circuitry supporting item-specific and relational memory in the brain to schizophrenia diagnosis, daily function and symptoms in schizophrenia. Annual Direct Costs: $350,903.

1R01 MH104235-01 (PI: Carter) NIMH, 9/1/14-8/30/18. *Reducing Duration of Untreated Psychosis Through Rapid Identification and Engagement*. This grant will consecutively test the impact of two interventions to reduce duration of untreated psychosis (DUP). First, we will test the ability of standard targeted provider education plus novel technology-enhanced screening to improve early identification. Secondly, we will test the ability of a mobile community-based, telepsychiatry-enhanced engagement method to promote early and stable treatment engagement and, thereby, reduce DUP. Annual Direct Costs: $491,640.

1R01MH106518 (PI: Solomon), NIMH, 1/01/16-12/31/21. *Neurodevelopment of Cognitive Control in Autism: Adolescence to Young Adulthood*. This study examines the adolescent to young adulthood development of cognitive control and its relationship to functional outcomes using fMRI and behavioral measures. Annual Direct Costs: $410,533

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Community Service

Chair, Compensation Advisory Committee, UC Davis School of Medicine
Chair, Public Information Committee, American College of Neuropsychopharmacology (ACNP)
Member, Academic Senate, Committee Coordinating Committee for Self-Supporting Degree Programs, UC Davis
Member, Academic Senate, Committee on Planning and Budget, UC Davis
Member, Center Director Reappointment Review Committee, UC Davis School of Medicine
Member, Committee on Student Promotions, UC Davis School of Medicine
Member, Dean’s Professorship Appointment Review Committee, UC Davis School of Medicine
Member, Endowed Chair Reappointment Review Committee, UC Davis School of Medicine
Member, Faculty Executive Committee, UC Davis School of Medicine
Member, Search Committee for Associate Vice Chancellor for Academic Personnel, UC Davis School of Medicine
Member, Study Section, NIMH Adult Psychopathology and Disorders of Aging Study Section (APDA). National Institutes of Health, Bethesda, MD.
Member, Study Section, Special Emphasis Panel, ZRG1 EMNR-R(02), National Institutes of Health, Bethesda, MD
Editorial Board Member, Biological Psychiatry
Editorial Board Member, Biological Psychiatry: Cognitive Neuroscience and Neuroimaging
Editorial Board Member, Psychiatry Research: Neuroimaging
Editorial Board Member, Schizophrenia Research and Treatment
Editorial Board Member, Schizophrenia Research: Cognition
Faculty Member, Faculty of 1000 Medicine (Schizophrenia & Other Psychosis)
Swati Rao, MD

Research Funding

MHSA, Solano County Mental Health Interdisciplinary Collaboration and Cultural Transformation Model. 10% FTE (through Center for Reducing Health Disparities).

MHSA, Integrated Medicine/Psychiatry Ambulatory Residency Training Program (IMPART) 10% FTE.

Community

Member, Vice Chancellor’s Advisory Council on LGBTQI Affairs, UC Davis Health Mentor, Train New Trainers Primary Care Fellowship Participant, The TRIUMPH Collaborative: Trans Research-Informed Communities United in Mobilization for the Prevention of HIV Volunteer Preceptor, Gender Health Center's Hormone Clinic, UC Davis Student-Run Free Clinic
Journal Articles


Book Chapters


Book


Abstracts and Presentations


2017 Rogers, SJ, Dissanayake C. The Early Start Denver Model: Early intervention for very young children with autism spectrum disorders. Autism Specific Early Learning and Care Centres. La Trobe University, Melbourne, Victoria, Australia, April 23-27.


Research Funding

UC Davis Center of Excellence in Developmental Disabilities. Department of Health and Human Services, 9 0DD0670/01, Rogers SJ (Co-Investigator), 2011-2016, $554,000.

Intervention Effects of Intensity and Delivery Style for Toddlers with ASD. National Institutes of Health, 1R01MH10030, Rogers SJ (Principal Investigator), 2013-2018, $2,985,663.


Leadership Education in Neurodevelopmental and related Disorders Training Program, Health Resource Services Administration, T73MC30113-01-00, Rogers SJ (Principal Investigator), 2016-2021, $3,250,000.

Autism Center for Excellence Award, NIH/NIMH, 1R01HD093457-01. Rogers SJ (Co-Investigator), 2017-2022, $627,945.

Community Service

Grant Reviewer, A Better Start National Science Challenge & Cure Kids, Wellington, New Zealand
Member, Recruitment Search Committee, Health Sciences Assistant Professor/Associate Professor-Autism Spectrum Disorders position, Department of Psychiatry
Reviewer, Autism, The International Journal
Reviewer, Autism
Reviewer, Child Development
Reviewer, Giroux Faculty Development Proposal
Reviewer, Journal of Intellectual Disability Research
Reviewer, Journal of Autism and Development Disorders
Reviewer, Journal of Intellectual Disability Research
Reviewer, Rao Faculty Research Proposal
Lorin M. Scher, MD

Books


Book Chapters


Abstracts and Presentations


2017 Scher LM. Behavioral Health Integration in Primary Care. Quality and Safety Operations Committee (QSOC), UC Davis Medical Center, Sacramento CA.

2017 Kern J, Scher LM. Applying the Integrated Care Approach: Collaborative Care Skills for the Consulting Psychiatrist. 4-hour course at the American Psychiatric Association (APA) Annual Meeting, San Diego, CA.

2017 Devenney S, Scher LM, Mabanglo M. Lecture and Webinar on Shared Care Planning – Excellence in Integration Complex Care Series. Behavioral Health Integration and Complex Care Initiative (BHICCI), Inland Empire Health Plan (IEHP).

Research Funding


2015-17 Implementation of Asynchronous Telepsychiatry (ATP) in the UC Davis Primary Care Network (PCN) Practice Management Board Innovation Grant, UC Davis Health System. $345,000. Scher LM (PI), Yellowlees P.


2016-19 Tailored Activation in Primary Care to Reduce Suicide Behaviors in Middle-Aged Men. National Center for Injury Prevention and Control (Centers for Disease Control and Prevention) U01CE002664. $1,320,000, Jerant (PI), Scher LM (Co-investigator).

2016-19 American Psychiatric Association (APA) Support and Alignment Network (SAN) to train psychiatrists to use the Collaborative Care Model (CoCM) and population health principles. Centers for Medicare and Medicaid Services (CMS), Transforming Clinical Practice Innovative (TCPI). $2,900,000, Scher LM (Master Trainer), (PI – Ratzliff, A. University of Washington)

Community Service

Chair, ED Psychiatry Workgroup, UC Davis Health
Chair, 4th Year Oversight Committee, UC Davis School of Medicine
Chair, Mental Health External Relations Advisory Group, UC Davis Health
Chair, PCN Psychiatry and Behavioral Health Taskforce, UC Davis Health
Member, Block Council, UC Davis School of Medicine
Member, Committee on Educational Policy, UC Davis School of Medicine
Member, Education Committee, Academy of Psychosomatic Medicine
Member, Public Hospital Redesign and Incentives in Medi-Cal (PRIME) Oversight Committee, UC Davis Health
Member, Sierra Sacramento Valley Medical Society, Emergency Psychiatry Mental Health Taskforce
Member, UCDMC / SCMHTC Committee, UC Davis Health

76
Journal Articles


Book Chapters


Abstracts and Presentations

2016  Lifelong trajectory of human amygdala neuronal development is disrupted in autism. Avino TA, Barger N, Vargas MV, Bauman MD, Amaral DG, **Schumann CM**. Presented at Society for Neuroscience Meeting, San Diego, CA. November.


2017  Amygdala neuron number in ASD is increased at pediatric ages and decreased by adulthood. Avino TA, Barger N, Vargas MV, Carlson E, Bauman MD, Amaral DG, **Schumann CM**. International Meeting for Autism Research, San Francisco, CA. May.

Research Funding

R01 MH-097236-01 *(PI: Schumann CM)* $250,000 annual directs. 9/01/11-7/30/17 *Typical and pathological cellular development of the human amygdala.*
Joe P. Tupin Award, UC Davis Psychiatry (Co-PI: Schumann CM, Co-I Niendam T) $75,000 annual direct. 7/1/17-6/31/18 Schizophrenia Brain and Tissue Bank.

R21 MH108909 01 (PI: Schumann CM), $135,000 annual directs. 10/1/15-9/30/18 Cell-specific molecular mechanisms underlying brain pathology in ASD.

Autism BrainNet, Simons Foundation (PI: Schumann CM), $200,000 annual directs. 5/01/14-4/30/19. UC Davis MIND Institute Brain Endowment for Autism Research Sciences (BEARS) tissue program.


Community Service

Abstract Reviewer, International Meeting for Autism Research (IMFAR)
Associate Editor, Molecular Autism
Faculty Director, MIND Institute Distinguished Lecture Series
Interviewer, UC Davis School of Medicine Multiple Mini Interview (MMI) Admissions
Member, NIH Special Emphasis Panel study section – Cellular and Molecular Neuroscience and Neurodevelopmental Disorders
Member, Editorial Board, Acta Neuropathologica Communications
Member, UC Davis Committee on Research
Member, UC Davis Status of Women Administrative Advisory Committee
Member, UC Davis Human and Anatomical Specimen and Tissue Oversight Committee (HASTOC)
Reviewer, Acta Neuropathologica Journal
Reviewer, Archives General Psychiatry Journal
Reviewer, Journal of Autism Research
Reviewer, Journal of Biological Psychiatry
Reviewer, Brain Journal
Reviewer, Journal of Molecular Autism
Reviewer, Journal of Cerebral Cortex
Reviewer, Journal of Comparative Neurology
Reviewer, Journal of Neuroscience
Andrés F. Sciolla, MD

Journal Articles


Book Chapters


Abstracts and Presentations


2016 Sciolla AF. Maximizing Resilience: The Early-Life Roots of Provider Well-Being and the Prevention of Burnout, grand rounds presentation, Psychiatry Service, Alta Bates Summit Medical Center, Research and Education Institute, Berkeley, California, November 7.

2016 Sciolla AF. *Trauma-Informed Care with Underserved Psychiatric Populations: Challenges and Opportunities*, grand rounds presentation, Psychiatry and Neuroscience, School of Medicine, University of California, Riverside, Riverside, California, November 17.

2016 Sciolla AF. Atención Informada sobre el Trauma para Poblaciones Marginadas. Oportunidades y Desafíos, [Trauma-informed care for marginalized populations. Challenges and Opportunities], grand rounds presentation, Servicio de Psiquiatría y Salud Mental, Complejo Asistencial Dr. Sótero del Río, Santiago, Chile, November 24.
2017 Sciolla AF. Trauma-Informed Trauma Surgery: Why We Must Address the Social Determinants of Violent Injury, 13th Annual Trauma Conference, Kaiser Permanente Northern California, San Rafael, California, March 24.

2017 Sciolla AF. The Early Life Roots of Medical Student Well-Being, monthly staff meeting, Student Health and Counseling Services, University of California, San Francisco, San Francisco, California, March 28.


2017 Sciolla AF. Dilemas diagnósticos, desafíos en el tratamiento y oportunidades de colaboración en pacientes con presentaciones complejas en un modelo de atención informada en trauma [Diagnostic Dilemmas, Treatment Challenges and Collaboration Opportunities in Patients with Complex Presentations in a Trauma-Informed Care Model], Hospital Clínico La Florida, Santiago, Chile, June 27.

Research Funding


1R01HS024949-01 (Yellowlees P: PI, Sciolla AF: Co-Investigator). 2016 – 2020. A clinical trial to validate an automated online language interpreting tool with Hispanic patients who have limited English proficiency.

Community Service

At-Large Representative, Faculty Executive Committee
Member, Admissions Committee
Member, Committee on Education Policy
Member, Dean’s LGBTQI Advisory Council
Member, Physician Well-Being Committee
Reviewer, Academic Medicine
Reviewer, Academic Psychiatry
Reviewer, Journal of Trauma and Dissociation
Reviewer, Women’s Health Issues

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Journal Articles

2017 Scott CL, McDermott BE. Teaching psychological assessments to forensic psychiatry fellows: A Practical Guide. *Acad Psychiatry.*


Book Chapters


Edited Books


Presentations


2016 Juvenile Court and Minor’s Rights, American Academy of Psychiatry and the Law, Fort Lauderdale, Portland, Oregon.

2016 Right to Treatment, American Academy of Psychiatry and the Law, Portland, Oregon.
Community Service

Member, Association of Directors of Forensic Psychiatry Fellowships (ADFPF)
Member, Institute for Research and Education, American Academy of Psychiatry and the Law
Member, Maintenance of Certification Committee, American Academy of Psychiatry and the Law
Member, National Awards Committee, American Academy of Psychiatry and the Law
Member, National Committee for Evaluation of Sex Offenders, American Academy of Psychiatry and the Law
Member, National Education Committee, American Academy of Psychiatry and the Law
Member, National Program Committee, American Academy of Psychiatry and the Law
Member, Editorial Board, Behavioral Sciences and the Law
Member, Editorial Board, Correctional Mental Health Law Reporter
Reviewer, Academic Psychiatry
Reviewer, American Journal of Psychiatry
Reviewer, Behavioral Sciences and the Law
Reviewer, Criminal Behavior and Mental Health
Reviewer, Journal of the American Academy of Psychiatry and the Law
Reviewer, Psychiatric Services
Reviewer, The Journal of Forensic Psychiatry
Mark Servis, MD

Book Chapters


Abstracts and Presentations


2017 Servis M, Sweeney C, Drummer J. Basic science faculty rounds with clinicians: bridging the divide. AAMC Western Regional Conference, Salt Lake City, Utah.

2017 Butani L, Servis M, Bumsted T, Rea M, Stuber M. Learner wellbeing seen through different lenses: resilience versus respite. AAMC Western Regional Conference, Salt Lake City, Utah.


Community Service

Chair, Anatomical Materials Review Committee, UC Davis School of Medicine
Chair, Education Council, UC Davis School of Medicine
Chair, Learning Climate Committee, UC Davis School of Medicine
Chair, Combined Training Task Force, American Association of Directors of Psychiatry Residency Training
Member, Alternative Pathway Oversight Committee, American Board of Psychiatry and Neurology
Member, Block Council, UC Davis School of Medicine
Member, Committee on Educational Policy, UC Davis School of Medicine
Member, Committee on Student Promotions, UC Davis School of Medicine
Member, Curriculum Review Subcommittee, UC Davis School of Medicine
Member, Dean’s Council, UC Davis Health
Member, Doctoring Steering Committee, UC Davis School of Medicine
Member, Executive Leadership Team, UC Davis School of Medicine
Member, Fourth Year Oversight Committee, UC Davis School of Medicine
Member, Interprofessional Teaching Scholars Advisory Council
Member, Office of Continuing Medical Education Advisory Committee, UC Davis Health
Member, PRITE Editorial Board, American College of Psychiatrists
Member, Recruitment Committee, American Association of Directors of Psychiatry Residency Training
Member, Steering Committee, Mentoring Academy, UC Davis Health
Member, USMLE Step 2 Interdisciplinary Review Committee, National Board of Medical Examiners (NBME)
Responsible Executive Officer and Chair, Human Anatomical Specimen and Tissue Oversight Committee, UC Davis
Reviewer, *Academic Psychiatry*
Reviewer, *American Journal of Psychiatry*
Hong Shen, MD

Journal Articles:


Presentation

2016  Shen H, Xia G, He C, Yang S. Workshop/forum discussion - Depression and Other Mental Health Issues in Youth, CAMAC Annual Retreat, Lake Tahoe, September.

Community Service

Co-chair, AACAP Adolescent Psychiatry Committee
Liaison AACAP Representative to The Partnership for Male Youth
Member, Advisory Council, The Partnership for Male Youth
Member, American Academy of Child and Adolescent Psychiatry
Member, American Psychiatric Association
Member, Central California Psychiatric Society
Member, Central California Regional Organization of Child and Adolescent Psychiatry
Member, Chinese Medical Association of California (CAMAC)
Member, Sierra Sacramento Valley Medical Society
Member, Society of Chinese American Physician Entrepreneurs (SCAPE)
Mentor, Klingenstein Fellowship Program
Reviewer, Adolescent Psychiatry
Ruth S. Shim, MD, MPH

Journal Articles


Abstracts and Presentations


2017 Reclaiming Mental Illness as Biopsychosocial Disorders, Symposium Presenter, American Psychiatric Association Annual Meeting, San Diego, California.

2017 3½ Minutes, Ten Bullets: Psychiatric Perspectives on Race-Related Shooting Deaths in America, Media Workshop Chair and Presenter, American Psychiatric Association Annual Meeting, San Diego, California.

2017 Achieving Mental Health Equity, Keynote Speaker, UC Davis Clinical and Translational Science Center Community Engagement Seminar.

Research Funding

Faculty Innovation in Education Award, *Training Psychiatrists to Address the Social Determinants of Mental Health*, American Board of Psychiatry and Neurology, $100,000, Principal Investigator.

Community Service

Chair, Fellowship Committee, Group for the Advancement of Psychiatry
Distinguished Fellow, American Psychiatric Association
Member, American Association of Community Psychiatrists
Member, American College of Psychiatrists
Member, American Public Health Association
Member, Central California Psychiatric Society
Member, Compensation Advisory Committee, UC Davis Health
Member, Group for the Advancement of Psychiatry
Member, National Academies of Sciences, Engineering, and Medicine Committee on Changing Behavioral Health Social Norms through Messaging for the Public
Member, Scientific Program Committee, American Psychiatric Association IPS: The Mental Health Services Conference Annual Meeting
Member, UC Davis School of Medicine Student Professionalism Improvement Committee
Member, Vice Chancellor’s Advisory Committee on Under-Represented Groups in Medicine and Biomedical Sciences, UC Davis Health
Member, Editorial Board, American Psychiatric Publishing
Member, Editorial Board, *Psychiatric Services*
Ad-Hoc Reviewer, *American Journal of Drug and Alcohol Abuse*
Ad-Hoc Reviewer, *American Journal of Psychiatry*
Ad-Hoc Reviewer, *Ethnicity and Disease*
Ad-Hoc Reviewer, *Journal of Mental Health*
Tony J. Simon, PhD

Journal Articles


Abstracts and Presentations

2016  The impact of cognitive-affective interactions on mental health diagnoses in youth with chromosome 22q11.2 deletion syndrome. Grand Rounds, Department of Psychiatry, University of Illinois Chicago. Chicago IL. October.


Research Funding

1R43AG058287 Developing and testing a neurotherapeutic treatment to improve spatiotemporal cognition in seniors, 9/15/17-8/31/18, NIH/NIA $99,967. Subcontract to Cognivive, Inc (Simon TJ CEO), Aronson T.
Community Service

Member, Autism Summit Infrastructure Working Group, University of California
Member, Leadership Team of MIND International Training Program in Neurodevelopmental Disorders (ITPND) Working Group
Member, Mentoring Academy, University of California Davis Schools of Health
Member, MIND Institute Executive Committee
Member, MIND Institute Space Committee
Member, MRI Safety Committee, Imaging Research Center, University of California, Davis
Member, Research Advisory Committee, Department of Psychiatry and Behavioral Sciences, University of California, Davis
Member, Editorial Board, Frontiers in Child and Neurodevelopmental Psychiatry
Member, Editorial Board, Frontiers in Genetic Disorders
Member, Editorial Board, Journal of Neurodevelopmental Disorders
Ad Hoc Reviewer, Biological Medicine
Ad Hoc Reviewer, Biological Psychiatry: Cognitive Neuroscience and Neuroimaging
Ad Hoc Reviewer, Translational Psychiatry
Ad Hoc Reviewer, Tupin Grants, Department of Psychiatry and Behavioral Sciences
Gregory Sokolov, MD

Community Service

Member, American Academy of Psychiatry and Law – Addiction Psychiatry Committee
Member, American Academy of Psychiatry and Law – Annual Program Committee
Member, Sacramento County Mental Health Pharmacy and Therapeutics Committee
Reviewer, Journal of American Academy of Psychiatry & Law
**Journal Publications**


**Abstracts and Presentations**


Research Funding

1UG3OD023365-01 (PI: Hertz-Picciotto), 9/21/16-8/31/18, $1,569,427, NIH. Pre-adolescent and late-adolescent follow-up of the CHARGE study children The UC Davis ECHO ReCHARGE Study will follow a cohort of children last seen at ages 2-5 years (baseline) to determine environmental chemical and non-chemical stressors and resiliency factors that are associated with neurodevelopmental outcomes at ages 8-12 years (pre-adolescent) and 15-19 years (mid- to late adolescence). This project leverages the resources of the CHARGE (Childhood Autism Risks from Genes and Environment) Study, which, since 2003, has been enrolling three groups aged 2-5 years: children with autism spectrum disorder (ASD), children with other developmental delays (DD) and children from the general population with typical development (TD). These three groups, the ReCHARGE cohort, will be examined for the following outcomes of interest: attention deficit or hyperactivity symptoms; changes in cognitive or adaptive function; changes in severity or diagnosis; and symptoms of anxiety or depression. Role: Co- Investigator Solomon M.

1R01MH103284 Solomon M (PI) 9/2014-8/31/19, 4.8 calendar, NIMH $326,826. Predictors of Cognitive Development in Autism Spectrum Disorder. The goal of this study is to evaluate early neural predictors for middle childhood cognitive outcomes in a longitudinal study of children with ASD.

1R01MH103371 Amaral DG (PI) 4/01/15–03/31/20, 1.8 calendar, NIH $511,843. Neurophenotypic Trajectories and Behavioral Outcomes in Autism Spectrum Disorder. The goal of the proposed research is to determine whether identified neural phenotypes persist into middle childhood and are associated with the quality and severity of core and co-morbid behavioral impairments related to ASD.

1R01MH106518 (PI: Solomon M) 1/01/16-12/31/21, 3.6 calendar, NIMH $410,533. Neurodevelopment of cognitive control in autism: adolescence to young adulthood. This study would examine the adolescent to young adulthood development of cognitive control and its relationship to functional outcomes using fMRI and behavioral measures.

1 P50 HD093079-01, 10/01/17-09/30/22, $1,663,568, Center for the Development of Phenotype-Based Treatments of ASD (PI: David Amaral), NICHD. The Center for the Development of Phenotype-Based Treatments of Autism Spectrum Disorder aims to discover effective treatments for subgroups of children with ASD. The Center starts from the premise that one treatment will not fit all children with ASD. If clinically meaningful subgroups can be identified on the basis of behavioral, biological or genetic features, treatments targeted to the characteristics of the subgroup will undoubtedly be more effective. The Center’s relevance to public health is evident as the behavioral and biological diagnostic information gathered will inform the most effective treatment decisions and greatest reduction of disability for individuals with ASD.
Project #1: Specifying and Treating the Anxiety Phenotype in ASD (PI: Solomon M)
The Aims of this project are to: Aim #1: To use enhanced clinical evaluations of children with ASD, particularly those with intellectual disability, to better characterize the sub-group that exhibits clinically significant anxiety. Aim #2: To conduct a 16-week randomized comparative treatment trial of Behavioral Intervention for Anxiety in Children with Autism (BIACA), sertraline, and pill placebo in youth with ASD. Aim #3: To use fMRI to investigate neural predictors of treatment efficacy, markers of treatment-induced change, and signatures of anxiety sub-types defined in Aim 1. This final Aim would involve conducting approximately 50 scans/year over the 5-year grant period.

Community Service

Abstract Reviewer, International Meeting for Autism Research
Member, Selection Committee, UC Davis Medical School Admissions
Representative for the Department of Psychiatry, UC Davis Academic Senate
Reviewer, American Journal of Psychiatry
Reviewer, Archives of General Psychiatry
Reviewer, Autism
Reviewer, Autism Research
Reviewer, Biological Psychiatry
Reviewer, Cognitive Development
Reviewer, Development and Psychopathology
Reviewer, Journal of Autism and Developmental Disorders
Reviewer, Neuropsychology
Aubyn C. Stahmer, PhD, BCBA-D

Journal Articles


Abstracts and Presentations


2017 Enhancing Family and School Partnerships, Skirboll Family Autism Conference hosted by the Strong Center for Developmental Disabilities, Rochester, NY. June


Research Funding


200-2016-91951, CDC contract: A Multifaceted Intervention to Improve Prescribing for Acute Respiratory Tract Infection for Adults and Children in Emergency Department and Urgent Care Settings. Stahmer AC Investigator (PI Larissa May), 2016-2017. ($544,013)


2 UA3MC 11055-077-00, Human Resources Services Agency (HRSA): Autism Intervention Research Network for Behavioral Health 3. Stahmer AC (Site Principal Investigator), 2015-2020, University of California, Davis ($1,751,020).


1R01MH111981, National Institute of Mental Health (NIMH): 2/2 Effectiveness of a Multi-Level Implementation Strategy for ASD Interventions. Stahmer AC (Principal Investigator) (Collaborative R01; Brookman-Frazee; UCSD), 2017-2021, University of California, Davis ($2,753,311).
Community Service

Editor, *Autism: The International Journal of Research and Practice*
External Member, Interagency Autism Coordinating Committee (IACC) Services Working Group
Member, Advisory Board, Hands in Autism Interdisciplinary Training and Resource Center, Indiana University
Member, Child Care Administrative Advisory Committee (CCAAC)
Member, ClinX Faculty Search Committee, Department of Psychiatry and Behavioral Sciences, UC Davis
Member, Data Resource Advisory Board, CAHMI and Autism Speaks
Member, Editorial Board, *Journal of Early Intervention*
Member, Program Committee, International Meeting for Autism Research
Member, Research Advisory Committee (RAC), Department of Psychiatry and Behavioral Sciences, UC Davis
Member, Research Leadership Team, California Autism Professional Training and Information Network (CAPTAiN)
Member, Standing Study Section, Mental Health Service Research Committee
Member, Executive Committee, MIND Institute Center for Excellence in Developmental Disabilities
Shannon Suo, MD

Book Chapters


Abstracts and Presentations


2016 Suo S. Personality Disorders in Primary Care: Just What You Need to Know. California Psychiatric Association Essentials in Primary Care Psychiatry CME Conference. Long Beach. August.


Community Service

Chair, Social Activities, California Psychiatric Society Annual Meeting
Co-chair, Committee on Integrated Care, California Psychiatric Association
Co-chair, Membership Committee, Association of Medicine and Psychiatry
Co-chair, Society for Women in Academic Psychiatry (SWAP)
Deputy Representative, Central California Psychiatric Society, American Psychiatric Association Assembly
Member, Annual Meeting Planning Committee, California Psychiatric Association
Member, Communications Committee, Society for the Study of Psychiatry and Culture
Member, Diversity Committee, Central California Psychiatric Society
Member, Doctoring Steering Committee, UC Davis School of Medicine
Member, Third year Instructors of Record Committee, UC Davis School of Medicine
Member, Vice Chancellor’s Advisory Committee for Women in Medicine and Health Sciences, UC Davis Health
Newsletter editor, Society for the Study of Psychiatry and Culture
Secretary, Board of Directors, Paul Hom Asian Clinic (UC Davis student-run clinic)
Hendry Ton, MD, MS

Journal Articles


Book Chapters


Abstracts and Presentations


2017 Ton H: Lessons from the Community. Student National Medical Student Association Annual Candlelight Dinner, Sacramento CA. March.


Research Funding

Mental Health Interdisciplinary Collaboration and Cultural Transformation Model, (PI: Aguilar-Gaxiola S), (Co-Principal Investigator: Ton H), $6 million.

Community Service

Co-Chair, Orthopedic Surgery Chair Search Committee, UC Davis Health
Faculty Advisor, Southeast Asians in Medicine (SEAM) Student Interest Group, UC Davis School of Medicine
Member, Dean’s Award for Diversity and Inclusion Selection Committee, UC Davis Health
Member, Dean’s LGBTI Advisory Council, UC Davis Health
Member, HSCP Faculty Wellness Committee, UC Davis Health
Member, Interprofessional Teaching Scholars Program Advisory Committee, UC Davis Health
Member, Learning Climate Committee, UC Davis School of Medicine
Member, Staff Advisory Committee on Equity, Diversity, and Inclusion, UC Davis Health
Member, Underrepresented Minorities in Medicine and Biological Sciences, UC Davis Health
Laura Magdalen Tully, PhD

Journal Articles


Abstracts and Presentations


2017 Tully LM. Neural mechanisms underlying response to daily social stress in psychosis. Scientific conference series at Cervo Brain Research Center, Université Laval, Quebec City, Canada. [invited talk]. June.

Research Funding


UC Davis Behavioral Health Center of Excellence early Career Development Award, Tully LM (PI). 9/15/16 – 9/14/17. 50% salary support for two years.

UC Davis Innovative Development Award, Tully LM (PI). 07/01/16 – 06/30/18. Non-invasive Brain Stimulation as a Treatment for Cognitive Control of Emotion Impairments in Recent Onset Schizophrenia. $15,610 Total Direct.

NARSAD Young Investigator Award, Tully LM (PI). 01/15/17 – 01/14/19. tDCS-Induced Changes In The Frontal-Limbic Network During Cognitive Control Or Emotion In Recent Onset Schizophrenia. $69,948 Total Direct.
Community Service
Member, Advisory Council to Inner City Weightlifting to prevent gang related violence
Member, Bioethics Committee, UC Davis Health System
Reviewer, Biological Psychiatry
Reviewer, Biological Psychiatry, Cognitive Neuroscience and Neuroimaging
Reviewer, Brain and Cognition
Reviewer, Cerebral Cortex
Reviewer, Cortex
Reviewer, Schizophrenia Bulletin
Paula Wadell, MD

Presentations


2016  Wadell P, McBride A. Workshop: Risk evaluation for aggression in psychosis. 11th Annual UC Davis Psychotic Disorders Conference; November 4; Sacramento, CA.

Research Funding

2017  Participation in a national mental health block grant for first episode psychosis programs outcomes study led by SAMHSA. June.

Community Service

Member, Child Psychiatry Clinical Competency Committee (CCC), Child and Adolescent Psychiatry Residency Training Program, Department of Psychiatry, UC Davis
Member, Child Training and Education Committee (CTEC), Child and Adolescent Psychiatry Residency Training Program, Department of Psychiatry, UC Davis
Presentations

2017  Diversity Training Seminar, Sacramento County Children’s Behavioral Health Program

Research Funding


Community Service

5150 Designee, Sacramento County Children’s Behavioral Health Program Assessment Program Supervisor and Mental Health Program Consultant, Children’s Receiving Home of Sacramento Member, ACES Connection, Sacramento County Member, American Psychological Association (Div. 53 Society of Clinical Child and Adolescent Psychology; Div. 41 American Psychology-Law Society; Div. 43 Society for Couple and Family Psychology) Member, Society of Women in Academic Psychiatry (SWAP), UC Davis Medical Center Member, Training and Program Development, Postdoctoral Psychology Program, UC Davis Medical Center
Journal Articles


Book


Book Chapters


Abstracts and Presentations

2016 Substance Use Disorders: Update on Diagnosis and Treatment. Lecture and workshops. Essentials of Primary Care Psychiatry Conference. Long Beach, August.

2016 Psychotic Disorders: Update on Diagnosis and Treatment. Lecture. Essentials of Primary Care Psychiatry Conference. Long Beach, August.


Research Funding

Behavioral Health Center of Excellence at University of California, Davis; 4/15-4/17. Role: Xiong (PI, 1.2 calendar months); $200,000. Title: A pilot study examining use of asynchronic and synchronous telepsychiatry consultation for skilled nursing facility residents. This study examines use of telepsychiatry and compares real-time (synchronous) vs. videotaped and later reviewed consultations in skilled nursing facilities. This study focuses on acceptability and feasibility and aims to collect pilot data for a future R01 study.
R01HS021477 - 01A1, Yellowlees (PI), 10/01/13 – 08/31/18. Agency for Health Care Research and Quality Research. Title: A controlled trial of patient-centered telepsychiatry interventions. This proposal uses an innovative Health IT application solution (Asynchronous Telepsychiatry) to improve the efficiency and reach of mental health. To assess the impact of this novel approach, this randomized controlled trial of clinical outcomes seeks to evaluate the superiority of asynchronous telepsychiatry consultation model on access, quality, cost and outcomes of care over the usual care for adults referred from primary care clinics for psychiatric evaluation and treatment. Role: Co-PI.

R01HS025395-01, Xiong (PI), 8/2017-7/2022. Agency for Health Care Research and Quality Research. Title: Comparison of Asynchronous Telepsychiatry vs. Synchronous Telepsychiatry in Skilled Nursing Facilities (CATeleST). This study aims to evaluate the comparative clinical effectiveness of Asynchronous Telepsychiatry (ATP) vs. Synchronous Telepsychiatry (STP) in SNF population, in a 12-month randomized controlled trial. $2,000,000.

Community Service

Chair, Research and Scholarship Committee, Association of Medicine and Psychiatry
Member, Journal Editorial Board, Primary Care Companion CNS Disorders
Member, Society of Post-Acute/Long-term Care Medicine / American Medical Directors’
Association (AMDA) Core Curriculum Faculty
Chief Editor, Medscape Drugs & Disease, Psychiatry
Reviewer, Alzheimer’s Research & Therapy
Reviewer, American Journal of Psychiatry
Reviewer, Biological Psychiatry
Reviewer, BMC Research Notes
Reviewer, Canadian Journal of Psychiatry
Reviewer, Circulation
Reviewer, Clinical Gerontology
Reviewer, Healthcare
Reviewer, Journal of Clinical Psychopharmacology
Reviewer, Journal of Graduate Medical Education
Reviewer, Medical Letter, The
Reviewer, Pharmacopsychiatry
Reviewer, PLOS ONE
Reviewer, Primary Care Companion CNS Disorders
Journal Articles


Electronic Publications – *Medscape*


2017 An Out-of-Reach Option for Psychosis-Induced Agitation. Dr. Peter Yellowlees discusses a recent publication reviewing multiple studies on the use of droperidol for psychosis-induced aggression or agitation. April. https://www.medscape.com/viewarticle/877012


**Book Chapters**


**Abstracts and Presentations**


2016 **Telemedicine – video is data.** UC Davis Center for Primary Health Care Research Guest Lecture. November 16.

2016 **Careers in healthcare.** Sacramento State University. Keynote for K12 career day. November 18.

2016 **How to detect burnout in physicians.** UCD Dept of Neurology Guest Lecture. November 22.


2017 **Mental Health from Integration to Transformation.** ATA Meeting. Orlando. FL. April 5.

2017 **Climate Change and ATA future directions.** ATA Meeting Keynote. Orlando FL. April 6.


**Research Funding**

*Development and Recording of Medscape Psychiatry Minutes*, Medscape. **Yellowlees PM** (PI 2%), 2009-2016.


**A clinical trial of automated translation**, AHRQ: $2,000,000. **Yellowlees PM** (PI 20%), 2016 – 2021
Community Service

President, Board of Directors of American Telemedicine Associations (ATA)
Chair, UCDHS Wellbeing Committee
Coordinator, Short and Long Courses in Telepsychiatry, American Telemedicine Association
Member, Board of Trustees Committee on Telepsychiatry, American Psychiatric Association
Member, Dean’s Wellness Committee, UCDHS
Member, Information Services Management Group
Member, Institute of Medicine Committee reviewing VA mental health services
Member, Editorial Board, Journal of Participatory Medicine
Member, Editorial Board, Journal of Telemedicine and e-Health
Member, Editorial Board, Journal of Telemedicine and Telecare
Member, NCQA Telemedicine Expert Group
Member, UCOP Telemedicine Committee
Reviewer, BMC Medical Informatics
Reviewer, General Hospital Psychiatry
Reviewer, Annals of General Psychiatry Review
Reviewer, Journal of Medical Internet Research
Reviewer, BMC Psychiatry
Reviewer, American Journal of Psychiatry
Reviewer, Academic Psychiatry
Reviewer, Medical Journal of Australia
Reviewer, Psychiatric Services
Reviewer, Psychosomatics
Erik Youngdale, MD

Community Service

Chair, Clinical Competency Committee, Child Psychiatry Residency Training Program, Department of Psychiatry and Behavioral Sciences, UC Davis
Member, Child Training and Education Committee, Child Psychiatry Residency Training Program, Department of Psychiatry and Behavioral Sciences, UC Davis
Member, Child Psychiatry Residency Training Program Selection Committee, Department of Psychiatry and Behavioral Sciences, UC Davis
Mentor, Klingenstein Fellowship Program