UNIVERSITY OF CALIFORNIA, DAVIS

Department of Psychiatry and Behavioral Sciences

Annual Report of Academic Activities
July 1, 2015—June 30, 2016
INTRODUCTION

Attached you will find the Department of Psychiatry and Behavioral Sciences Sixteenth Annual Report of Academic Activities. This report reflects the publications, presentations, research grants and community service of faculty members during the period July 1, 2015 through June 30, 2016. 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
<table>
<thead>
<tr>
<th>Index Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>2</td>
</tr>
<tr>
<td>Index</td>
<td>3</td>
</tr>
<tr>
<td>Abbeduto, Leonard, Ph.D.</td>
<td>4</td>
</tr>
<tr>
<td>Barnhorst, Amy, M.D.</td>
<td>8</td>
</tr>
<tr>
<td>Bauman, Melissa, Ph.D.</td>
<td>10</td>
</tr>
<tr>
<td>Bhe, Emilie, M.D.</td>
<td>12</td>
</tr>
<tr>
<td>Crawley, Jacqueline, Ph.D.</td>
<td>13</td>
</tr>
<tr>
<td>Dewa, Carolyn Sachiko, M.P.H., Ph.D.</td>
<td>17</td>
</tr>
<tr>
<td>Giroux, Caroline, M.D.</td>
<td>22</td>
</tr>
<tr>
<td>Hales, Robert, M.D., M.B.A.</td>
<td>23</td>
</tr>
<tr>
<td>Han, Jaesu, M.D.</td>
<td>24</td>
</tr>
<tr>
<td>Hessl, David, Ph.D.</td>
<td>25</td>
</tr>
<tr>
<td>Hinton, W. Ladson, M.D.</td>
<td>27</td>
</tr>
<tr>
<td>Horst, Robert, M.D.</td>
<td>29</td>
</tr>
<tr>
<td>Koike, Alan, M.D., M.S.H.S.</td>
<td>30</td>
</tr>
<tr>
<td>Maddock, Richard, M.D.</td>
<td>31</td>
</tr>
<tr>
<td>McDermott, Barbara, Ph.D.</td>
<td>32</td>
</tr>
<tr>
<td>Niendam, Tara, Ph.D.</td>
<td>35</td>
</tr>
<tr>
<td>Ozonoff, Sally, Ph.D.</td>
<td>36</td>
</tr>
<tr>
<td>Ragland, J. Daniel, Ph.D.</td>
<td>40</td>
</tr>
<tr>
<td>Scher, Lorin, M.D.</td>
<td>43</td>
</tr>
<tr>
<td>Schumann, Cynthia, Ph.D.</td>
<td>47</td>
</tr>
<tr>
<td>Scott, Charles L., M.D.</td>
<td>49</td>
</tr>
<tr>
<td>Servis, Mark E., M.D.</td>
<td>50</td>
</tr>
<tr>
<td>Shen, Hong, M.D.</td>
<td>52</td>
</tr>
<tr>
<td>Simon, Tony J. Ph.D.</td>
<td>54</td>
</tr>
<tr>
<td>Sokolov, Gregory, M.D.</td>
<td>55</td>
</tr>
<tr>
<td>Solomon, Marjorie, Ph.D., M.B.A.</td>
<td>58</td>
</tr>
<tr>
<td>Stahmer, Aubyn C., Ph.D., BCBA-D</td>
<td>59</td>
</tr>
<tr>
<td>Tully, Laura Magdalen, Ph.D.</td>
<td>62</td>
</tr>
<tr>
<td>Wadell, Paula, M.D.</td>
<td>65</td>
</tr>
<tr>
<td>Wheeler, Carlina Ramirez, Ph.D.</td>
<td>67</td>
</tr>
<tr>
<td>Xiong, Glen, M.D.</td>
<td>68</td>
</tr>
<tr>
<td>Yellowlees, Peter, M.B.B.S., M.D.</td>
<td>69</td>
</tr>
<tr>
<td></td>
<td>72</td>
</tr>
</tbody>
</table>
Leonard Abbeduto, Ph.D.

Journal Articles


Book Chapters


Abstracts and Presentations

2015 Abbeduto L. The UC Davis MIND Institute: Past, present, and future. Presentation, UC Davis MIND Institute Summer Institute on Neurodevelopmental Disorders, Davis, CA. August.


Research Funding

PI/PD, Expressive Language Sampling as an Outcome Measure in ASD. Simons Foundation Autism Research Initiative, SFARI Award ID 383668, 9/1/15-11/30/15, $124,984 (total costs).

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, Gatlinburg Conference on ID/DD. National Institute of Child Health and Human Development, R13 HD084155, 1/15/16-12/31/2020, $95,000 (total costs).

Community Service

Chair, Search Committee, Chief, Division of Child Development, Department of Pediatrics, UC Davis
Director, UC Davis MIND Institute
Member, Search Committee for Chair, Department of Pediatrics, UC Davis
Member, Executive Committee, Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities
Amy Barnhorst, M.D.

Journal Article


Presentations


2015 Presenter, St. Francis Memorial Hospital Grand Rounds, Isla Vista and Beyond: Analysis of a Mass Shooting San Francisco, CA, October.

2015 Panel Member, Prosecutors Against Gun Violence Conference, Mass Shooting Panel, Portland, OR, October.

2016 Presenter, UC Davis Department of Psychiatry Grand Rounds, Firearm Violence and Mental Illness, Sacramento, CA, January.


2016 Presenter, Association of Threat Assessment Professionals, After the 5150: What the Mental Health System Can Do to Prevent Community Violence, Sacramento, CA, April.


2016 Presenter, Sierra Sacramento Medical Society Public and Environmental Health Committee, Firearm Violence and Mental Illness, Sacramento, CA, June.

Research Funding

Junior Faculty Development Award, from the UC Davis Department of Psychiatry to study the extent to which psychiatric residents in the United States are taught about means restriction for suicide prevention. $50,000 for one year.

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, Sierra Sacramento Valley Medical Society Medical Clearance Subgroup
Member, Sierra Sacramento Valley Medical Society Mental Health Task Force
Peer Reviewer, *Health Affairs*
Peer Reviewer, *Psych Services*
Peer Reviewer, *Pharmacy and Therapeutics Journal*
Melissa D. Bauman, Ph.D.

Journal Article


Abstracts and Presentations

2015  Neuroimmune Mechanisms of Psychosis: The UC Davis Conte Center, Psychotic Disorders Conference; Sacramento, CA.


2016  PolyI:C response is dependent on length: Implications for preclinical maternal immune activation models (abstract), Annual Meeting of the Society of Biological Psychiatry; Atlanta, GA.

2016  Prenatal risk factors for autism spectrum disorders: Advancing our understanding through integrated epidemiological and preclinical studies, Gatlinburg Conference; San Diego, CA.

2016  A rat model of maternal immune activation (abstract), Gatlinburg Conference; San Diego, CA.

Research Funding

1R21NS081487 (Bauman MD: PI) 9/1/12-8/30/15. NCE. Efficacy of a Novel Neuroprotective Compound in Nonhuman Primate. $275,000 Total Direct.


Community Service

Member, Big Ideas Review Committee, UC Davis Health System
Member, Research Advisory Committee, Department of Psychiatry, UC Davis
Member, Women in Medicine and Health Sciences (WIMHS), UC Davis Health System
Reviewer, Brain Research
Reviewer, Cell Biology
Reviewer, Cell Reports
Reviewer, Cerebral Cortex
Reviewer, Hormones and Behavior
Reviewer, Journal of Neuroscience
Reviewer, Neurotoxicology
Reviewer, Neurotoxicology and Teratology
Reviewer, PLoS One
Reviewer, PNAS
Emilie Bhe, M.D.

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
Jacqueline N. Crawley, Ph.D.

Journal Articles


Book Chapters

Abstracts and Presentations

2015  Conte Center Neuroscience Seminar, Vanderbilt University, Nashville, TN, Behavioral phenotyping strategies for mouse models of autism and neuropsychiatric disorders, July 17.

2015  Keynote Lecture, Society for the Study of Behavioral Phenotypes, London, UK, Mouse models of autism to understand causes and develop treatments, September 5.

2015  Neuroscience Seminar, Children’s Hospital Boston, Harvard University, Boston, MA, Mouse models of autism to test hypotheses and discovery therapeutics, September 9.

2015  Molecular Psychiatry Association, San Francisco, CA, Mouse models of autism to test hypotheses, and for preclinical evaluation of potential therapeutics, October 30-November 1.

2015  NIH Postdoctoral Research Associate Training Program 50th Anniversary Symposium, Bethesda, MD, Mouse models of autism to test hypotheses about causes and to discover treatments, November 6.

2016  Science Seminar, Institute for Pediatric Regenerative Medicine, Shriner’s Hospital, Sacramento, CA, Mouse models of autism to test hypotheses about causes and to discover effective therapeutics, January 15.

2016  Department of Neuroscience Seminar, Baylor College of Medicine, Houston, TX, Mouse models of autism to test hypotheses about causes and to discover effective therapeutics, March 11.


2016  Keynote Speaker, Fourth Annual Neuroscience Symposium, Kent State University, Kent, OH, Mouse models of autism to test hypotheses about causes and to discover effective treatments, April 8.

2016  TED-like Talk, Autism Science Foundation Afternoon of Learning, New York, NY, What can we learn from mouse models of autism?, April 14.

2016  Neuroscience seminar, Mt. Sinai School of Medicine, New York, NY, Mouse models of autism to test hypotheses about causes and to discover effective therapeutics, May 5.

2016  Elsevier Distinguished Lecturer, Fortieth Annual Meeting of the Developmental Toxicology Society, San Antonio, TX, June 27.

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.

Simons Foundation SFARI #201223539. Characterization of brain and behavior in 7q11.23 duplication syndrome. (Osborne L, Crawley JN: Co-PIs) 01/01/2013 – 12/31/2015. The goal of this project is the investigation of behavioral phenotypes of 7q11.23 duplication mice.

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.

Community Service

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, Internal Advisory Committee, Mouse Biology Program, UC Davis
Member, Neuroscience Graduate Group Faculty, Center for Neuroscience, UC Davis
Member, NIH Developmental Brain Disorders Study Section
Member, RFA Review Committee for Campus Research Core Facilities, UC Davis
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
Nature
Nature Genetics
Nature Neuroscience
Neuron
Neuropeptides
Neuropsychopharmacology
Pharmacology Biochemistry and Behavior
Psychopharmacology
Science
Science Translational Medicine
Trends in Pharmacological Sciences
Carolyn Sachiko Dewa, M.P.H., Ph.D.

Journal Articles (* indicates student/trainee)


Invited Presentations


2016 Barriers to Mental Health Service Use and Work Productivity Among Workers with Depression. Behavioral Health Seminar. RAND, Los Angeles, CA, April 25.

Research Funding

Cheng C, Langill G, Addington D, Archie S, Bedard T, Dewa CS (Co-I), Durbin J, Ford C, Jackson J, Lin E, Nadin S, Wickman D, Wilkinson N, Zufelt C. Evaluating Essential Components of Early Psychosis Intervention Programs (EPI) in Ontario ($10,000 Canadian Institutes of Health Research (CIHR)), 2015-2016. The purpose of this grant was to identify the key components that contribute to the effectiveness of programs designed for early psychosis populations.

Loisel P, Anema JR, Baril R, Breslin CF, Bultmann U, Cassidy JD, Cooper JE, Corbiere M, Cote P, Coutu MF, Dewa CS (Co-Investigator), Dionne C, Durand MJ, Feuerstein M, Franche RL, Gagnon D, Guzman J, Hogg-Johnson S, Koehoorn MW, Krause N, Lambert C, Lippel K, Macheachen E, Mairaux PM, Pransky GS, Rainville P, Scardamalia M, Shaw WS, Tompa E, Vezina N. ($1,945, 000 CIHR Strategic Training Program in Work Disability Prevention Canadian Institutes of Health Research). 2009-20 The purpose of this multi-year, multi-national project was to support the development of new and young investigators interested in research related to the prevention and recovery from disability.

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.

engagement: Envisioning the future of disability policy in Canada ($7.96 million Social Science and Humanities Research Council of Canada), 2013-2020. The purpose of this grant is to develop a program of research based on collaborations among the social sciences to understand policies and interventions that promote income securing and labor market engagement.

**Dewa CS** (Co-PI), Hoch JS, Jones J, Ringash J, McQuestion M. Measures of Work Productivity for Cancer Survivors who Return to Work. ($46,648 Canadian Centre for Applied Research in Cancer Control), 2013-2016. The purpose of this project was to understand the work experiences of workers who have survived head and neck cancer. It is a pilot study to be the foundation for future work on the development and evaluation of new workplace interventions for these cancer survivors.

**Dewa CS** (PI). Economic Evaluation of Workplace Anti-stigma Programs. (Mental Health Commission of Canada), 2011-2017. The purpose of this grant is to conduct economic evaluations on stigma reduction programs that have been developed to address mental health stigma in workplaces.

Cheng C, **Dewa CS** (Co-I), Minore B, Fogolin J, Katt M. What are the mental health service needs of youth in Ontario who experience psychosis? ($300,000 Sick Kids Foundation joint with CIHR-IHDCYH), 2012-2015. The purpose of this study was to identify the mental health service needs of youth living in rural and remote communities with an emphasis on aboriginal youth.

Corbière M, **Dewa CS** (Co-PI), Durand MJ, Fraccaroli F, Lecomte T, Sultan-Taïeb H, Zaniboni S. Factors associated with the work integration of people with severe mental disorders in social enterprises located in Canada. ($443,285 Canadian Institutes of Health Research), 2012-2016. This funding was for a study to understand the work practices of social enterprises in two Canadian provinces and how they support the continued employment and mental health of people with serious mental illnesses and work disability.

Nien­dham T, Mel­nikow J, **Dewa CS** (Co-I). Evaluation of Outcomes and Associated Costs for Early Psychosis Programs: UC Davis Pilot & Statewide Method Development. ($200,000 California Mental Health Services Act Oversight and Accountability Commission). 7/1/2015-6/30/2017. 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.

Berglund L, Meyers FJ, Freischlag JA, Schweitzer JB, Koog CD, Hogarth M, McCurdy SA, Rocke D, Holmes J, Greenier J, Hayashi SA, Kenyon NJ. Quality, Safety, and Comparative Effectiveness Research Training in Primary Care (QSCERT-PC). ($2 million, United States Health Resources and Services Administration (HSRA) 1T32HP30037-01-00), 2016-2021. The mission of QSCERT-PC is to prepare family physicians, general internists, general pediatricians, nurse practitioners, physician assistants, PhD-prepared nurses, and PhD-prepared social and quantitative scientists for careers as outstanding primary care researchers, focusing on quality and safety in primary care, and on the comparative effectiveness of primary care and system-level interventions.

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. ($300,000 Behavioral Health Center of Excellence at University of California, Davis), 2016-2017. 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, BMC Psychiatry
Ad Hoc Reviewer, BMC Public Health
Ad Hoc Reviewer, Canadian Journal of Community Mental Health
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 Clinical Epidemiology
Ad Hoc Reviewer, Journal of Epidemiology and Community Health
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, *Occupational Medicine*
Ad Hoc Reviewer, *Pharmacoeconomics*
Ad Hoc Reviewer, *Psychiatric Services*
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*
Panel Reviewer, The Social Sciences and Humanities Research Council (SSHRC)/Canadian Institutes of Health Research Healthy and Productive Work – Partnership Development Grant, 2016
Caroline Giroux, M.D.

Book Chapter


Community Service

Member, Editorial Committee, Sacramento Sierra Valley Medicine
Robert E. Hales, M.D., M.B.A.

Presentations

2016 Seymour Vestermark Award Lecture, American Psychiatric Association, May

Community Service

Editor-in-Chief, Books, American Psychiatric Publishing
Chair, Editorial Board, American Psychiatric Publishing
Chair, Practice Management Board, UC Davis Health System
Deputy Editor, *Journal of Neuropsychiatry and Clinical Neurosciences*
Member, Council of Chairs, UC Davis Health System
Member, Medical Staff Executive Committee, UC Davis Health System
Member, Practice Management Board Executive Committee, UC Davis Health System
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
Reviewer, *American Journal of Psychiatry*
Reviewer, *Psychiatric Services*
Journal Articles


Abstracts and Presentations

2015  Onate J, Han J. The Core Exam for Psychiatrists: Central California Psychiatric Association Annual Conference. Monterey, CA.


2015  Han J, Key Note: Transforming Health Care- What does it take? Behavioral Health Integration Initiative Learning Session 1. Ontario, CA.

2015  Han J, Panelist: UC Davis Campus Community Book Project: Health Inequities and the Homeless – Bridging the Gap.

Community Service

President, Association of Korean American Psychiatrists
Medical Director and Preceptor, UC Davis-affiliated Willow Clinic
Consultant, Medical Board of California
Member, Integrated Care Task Force, American Association of Directors of Psychiatric Residency (AADPRT)
Reviewer, American Family Physician
Reviewer, Journal of Health Care for the Poor and Underserved
David Hessl, Ph.D.

Journal Articles


Abstracts and Presentations


2016 Hessl D. Behavioral Assessment in Neurodevelopmental Disorder Clinical Trials: We Can Do Better! And Here’s How (?). MIND Institute Research Seminar Series.


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, Clinical Trials Committee, National Fragile X Foundation
Member, Committee on Research, UC Davis
Member, Committee on Student Progress, UC Davis School of Medicine
Member, Editorial Board, *Journal of Neurodevelopmental Disorders*
Member, Executive Council, National Fragile X Foundation
Member, Human Development Graduate Group, UC Davis
Member, Neuroscience Graduate Group, UC Davis
Member, Research and Clinical Advisory Board, National Fragile X Foundation
Member, Special Emphasis Panel, Centers for Disease Control and Prevention, “Using Longitudinal Data to Characterize the Natural History of Fragile X Syndrome to Improve Services and Outcomes”
Reviewer, *Acta Psychiatrica Scandinavica*
Reviewer, *American Journal on Intellectual and Developmental Disabilities*
Reviewer, *American Journal of Medical Genetics*
Reviewer, *American Journal on Intellectual and Developmental Disabilities*
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, M.D.

Journal Articles


Presentations

2015 Harvard Asia Center Shanghai Symposium on Eldercare. Bridging primary healthcare and community to support family caregivers and persons with dementia in Vietnam. Shanghai, October.

2015 Grantmakers in Aging Funder Webinar on Older Adult Behavioral Health. Promising Directions for Funders: Archstone Late Life Depression Initiative. November.


2016 Oregon Health Sciences University. A Family-based Primary Care Intervention to Enhance Older Men’s Depression Care. Portland, April.
Research Funding

*Center to Advance Cognitive Health and Healthcare in Older Latinos*, National Institute on Aging, 5P30AG043097-03, $353,365, 7/1/2012-6/30/2016, Principal Investigator.

*A Family-based Primary Care Intervention to Enhance Older Men’s Depression Care*, National Institute of Mental Health, 5R34MH099296-02, $141,656, 7/1/2013-6/30/2016, Principal Investigator.

*Core—Education and Information Transfer, UC Davis Alzheimer’s Disease Center Core*, 5P30AG010129-24, National Institute on Aging, $97,224, 7/1/2014-6/30/2016, Core Director and Co-Investigator (Charles DeCarli Principal Investigator, UC Davis).

*Innovations Bridging Clinics and Communities to Advance Late Life Depression Care*, Archstone Foundation, $177,645, 7/1/2014-12/31/2017, Principal Investigator of UC Davis Subcontract (Jurgen Unutzer Principal Investigator, University of Washington).

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, M.D.

Presentations

2015  Psychotropic Medication Use in Children and Adolescents. Sacramento County Counsel, Granite Regional Park, Sacramento, California; June 11.

2015  Child Psychiatry. Psychiatric Student Interest Group. UCDavis Medical School, Sacramento, California; October 22.

2016  Health Effects of Psychiatric Medication on Children and Youth. California Mental Health Planning Council, Health Integration Committee, San Francisco, California; April 21.


Grant Funding

Grant 09-000212, $12,000. 05/01/09 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 (7/2011 – present)
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
Alan Koike, M.D., M.S.H.S.

Journal Articles


Presentations


Community Service

Member, Adult Psychiatry Recruitment Selection Committee, Department of Psychiatry and Behavioral Sciences, University of California, Davis, Medical Center
Member, Educational Policy Committee, Department of Psychiatry and Behavioral Sciences, University of California, Davis, Medical Center
Member, Student Promotions Committee, UC Davis School of Medicine
Richard Maddock, M.D.

Journal Articles


Presentations


Research Funding


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.


NIH HHSN2712012-00007I, *Validation study of magnetic resonance spectroscopy (MRS) and functional magnetic resonance imaging (fMRI) for detection of ketamine effects on glutamatergic function in healthy volunteers*. 8/29/2013 – 11/30/2015, (PI Carter) Role: Co-Investigator.

Community Service

Reviewer, *Biological Psychiatry*
Reviewer, *Biological Psychiatry*, *Cognitive Neuroscience and Neuroimaging*
Reviewer, *Experimental Physiology*
Reviewer, *JAMA Psychiatry*
Reviewer, *Psychiatry Research Neuroimaging*
Reviewer, *Therapeutic Advances in Psychopharmacology*
Journal Articles


Book Chapters


Presentations


2015 McCarron RM. The Primary Care Psychiatric Interview and Overview On the Treatment of Mood Disorders. Mental and Behavioral Health Management for Primary Care CME Meeting, Contemporary Forums (Meeting Chair). Las Vegas, NV. November.

2015 McCarron RM. Preventive Medical Care In Psychiatry: An Overview. Psychiatry


McCarron RM. Prevention in Psychiatry: An overview on combined psychiatric training. American Psychiatric Association Annual Meeting, National Psychiatry Student Interest Group, (Invited), Atlanta, GA. May.

Grant Funding


McCarron RM (PI), Suo S (Co-PI): UC Davis Health System Practice Management Board, Primary Care Network and the Department of Psychiatry and Behavioral Sciences. Train New Trainers Primary Care Psychiatry Fellowship (TNT-PCP). $646,020 (2015-17).

Community Service

President-elect, California Psychiatric Association
Area 6 Representative, American Association of Directors and Psychiatric Residency Training (AADPRT)
Chair, California Psychiatric Association Annual Meeting Planning Committee
Chair, Integrated Education Committee, American Association of Directors of Psychiatric Residency Training (AADPRT)
Co-Chair, Integrated Care Committee, California Psychiatric Association
Vice Chair, Annual Planning Committee, American Psychiatric Association
Member, American Psychiatric Association Practice Guidelines Committee (Area 6 Representative)
Member of the Assembly, American Psychiatric Association
Member, Council on Quality Care, American Psychiatric Association
Member, Executive Council, Past President, Association of Medicine and Psychiatry
Member, Executive Council, Past President, Central California Psychiatric Society (CCPS)
Department Editor (Med/Psych), Current Psychiatry
Associate Editor, Primary Care Companion to the Journal of Clinical Psychiatry
Reviewer, Academic Psychiatry
Reviewer, American Journal of Psychiatry
Reviewer, Journal of General Internal Medicine
Barbara E. McDermott, Ph.D.

Journal Articles


Book Chapters


Abstracts and Presentations


Community Service

Member, Academic Advisory Committee, Department of State Hospitals
Member, Napa State Hospital, Forensic Training Committee
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
Tara A. Niendam, Ph.D.

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).

HRSA D40HP26868, 7/1/14 – 6/30/17, 2.4 calendar months. 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 a 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)

NIMH R01 MH105411, 12/1/14 – 11/30/18, .60 calendar months. 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).

NIMH R01 MH104235-01, 9/1/14 – 8/31/19, 2.1 calendar months. 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. Cameron C (PI); **Niendam TA** (Co-Investigator).

NIH R01MH107108, 8/1/15 – 7/31/20, 1.2 calendar months. 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, *Journal of Psychiatric Research*
Ad Hoc Reviewer, *Psychological Medicine*
Ad Hoc Reviewer, *Schizophrenia Bulletin*
Ad Hoc Reviewer, *The Lancet*
Member, MMI Interviewer, UC Davis Medical Center
Member, Status of Women at Davis Administrative Advisory Committee (SWADAC)
Sally Ozonoff, Ph.D.

Journal Articles


Abstracts and Presentations

2015 Ozonoff S. Advances in early detection of autism spectrum disorder. John Welsh Lectureship, Pediatric Grand Rounds, University of California San Diego School of Medicine, September.

2015 Ozonoff S. Advances in early detection of autism spectrum disorder. CART Affinity Lecture, University of California Los Angeles School of Medicine, November.

2015 Ozonoff S. The onset of autism spectrum disorder: Behavioral signs in the first years of life. Invited symposium, American College of Neuropsychopharmacology (ACNP) annual meeting, Fort Lauderdale FL, December.

2016 Ozonoff S. Advances in early detection of autism spectrum disorder. Grand Rounds, Department of Psychiatry, Weill Cornell Medical College, February.

2016 Ozonoff S. Advances in early detection of autism spectrum disorder. Utah Valley University Conference on Autism, Provo UT, April.


2016 Pandey J, Schriver E, Ozonoff S, Landa R, Levy SE, Pomykacz AT, Hess CR, Hsu MV, Fallin MD, Hertz-Picciotto I, Croen LA, and Newschaffer CJ. Capturing the moment: Using the Autism Observational Scale for Infants (AOSI) to assess the
developing phenotype in a prospective sample of children at high risk for ASD. International Meeting for Autism Research, Baltimore MD, May.


2016 Steinfeld MB, Young GS, and Ozonoff S. Onset, trajectory and pattern of feeding difficulties in infants later diagnosed with ASD. International Meeting for Autism Research, Baltimore MD, May.


Research Funding

Autism risk, prenatal environmental exposures and pathophysiologic markers, National Institute of Environmental Health Sciences, R01 ES020392-01, 2011-2016, Ozonoff S (Co-PI).


Prospective Evaluation of Air Pollution, Cognition, and Autism from Birth Onward, National Institute of Environmental Health Sciences, 1R01ES023780, 2014-2018, Ozonoff S (Co-investigator).

Community Service

Chair, Program Committee, International Meeting for Autism Research
Chair, Research Space Advisory Committee, UC Davis School of Medicine
Joint Editor, Journal of Child Psychology and Psychiatry
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, Archives of General Psychiatry
Reviewer, Autism Research
Reviewer, Autism: The International Journal of Research and Practice
Reviewer, Biological Psychiatry
Reviewer, Development and Psychopathology
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, Journal of Pediatrics
Reviewer, Journal of Speech and Language Pathology
Reviewer, Pediatrics
Journal Articles


**Abstracts and Presentations**


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 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.

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.
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.

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.

Community Service

Chair, Compensation Advisory Committee, UC Davis School of Medicine  
Chair, Special Emphasis Panel, ZRG1 EMNR-R(02), National Institutes of Health, Bethesda, MD  
Co-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 Research, UC Davis  
Member, Center Director Reappointment Review Committee, UC Davis School of Medicine  
Member, Committee on Research Affairs, UC Davis  
Member, Faculty Executive Committee, UC Davis School of Medicine  
Member, Research Affairs Committee, Department of Psychiatry and Behavioral Sciences, UCDMC  
Member, Search Committee for Associate Vice Chancellor for Academic Personnel, UC Davis School of Medicine  
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)
Abstracts and Presentations


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.


2015-17 UC Davis Health System Practice Management Board, Primary Care Network and the Department of Psychiatry and Behavioral Sciences. Train New Trainers Primary Care Psychiatry Fellowship (TNT-PCP). $646,020, McCarron R (PI), Scher LM (Faculty mentor).

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).

Community Service

Chair, ED Psychiatry Workgroup, UC Davis Health System
Chair, 4th Year Oversight Committee, UC Davis School of Medicine
Chair, Interdisciplinary Education Subcommittee, Academy of Psychosomatic Medicine
Member, Block Council, UC Davis School of Medicine
Member, Committee on Educational Policy, UC Davis School of Medicine
Member, Medical Staff Well Being Committee, UC Davis Health System
Member, UCDMC / SCMHTC Committee, UC Davis Health System
Member, Education Committee, Academy of Psychosomatic Medicine
Member, Sierra Sacramento Valley Medical Society, Emergency Psychiatry Mental Health Taskforce
Cynthia Schumann, Ph.D.

Journal Articles – unreported for 2014-15


Journal Articles – 2015-16


Journal Articles


Book Chapters


Presentations

2015 Psychic Harm and Workers Compensation, American Academy of Psychiatry and the Law, Fort Lauderdale, Florida.

2015 Death Penalty, American Academy of Psychiatry and the Law, Fort Lauderdale, Florida.

2015 Correctional Psychiatry, American Academy of Psychiatry and the Law, Fort Lauderdale, Florida.


2015 Psychiatric Disability, American Academy of Psychiatry and the Law, Fort Lauderdale, Florida.

2015 Child Custody, American Academy of Psychiatry and the Law, Fort Lauderdale, Florida.

2015 Juvenile Court and Minor’s Rights, American Academy of Psychiatry and the Law, Fort Lauderdale, Florida.

2015 Right to Treatment, American Academy of Psychiatry and the Law, Fort Lauderdale, Florida.


2016 The Assessment of Malingering: An Evidence-Based Approach, Forensic Mental Health Association of California Annual Conference, Monterey, California, March.

2016 Public Presentations: Substance Matters – But So Does Style!, Grand Rounds – Department of Psychiatry and Behavioral Sciences, University of California, Davis Medical Center, Sacramento, California, April.
2016  Assessment of Malingering: An Evidence-Based Approach, Los Angeles County Department of Mental Health, Los Angeles, California, June.

2016  Correctional Mental Health Overview", Los Angeles County Department of Mental Health, Los Angeles, California, June.

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 Education Committee, American Academy of Psychiatry and the Law
Member, National Program Committee, American Academy of Psychiatry and the Law
Member, National Committee for Evaluation of Sex Offenders, American Academy of Psychiatry 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, M.D.

Book Chapters


Abstracts and Presentations


Research Funding

2014 Josiah Macy Grant, Interprofessional Education for Pain Competencies, Heather Young and Scott Fishman co-PIs, 1% funding support.

2014 OSHPD WET Education Capacity-Psychiatrists, Integrated Medicine / Psychiatry Ambulatory Residency Training (IMPART) Preventive Public Psychiatry (P3).

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
Vice Chair, Residency Review Committee for Psychiatry, Accreditation Council for Graduate Medical Education
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 System
Member, Doctoring Steering Committee, UC Davis School of Medicine
Member, Fourth Year Oversight Committee, UC Davis School of Medicine
Member, Office of Continuing Medical Education Advisory Committee, UC Davis Health
System
Member, Recruitment Committee, American Association of Directors of Psychiatry
  Residency Training
Member, Third Year Clerkship IOR Committee, UC Davis School of Medicine
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
Hong Shen, M.D.

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*
Reviewer, *Adolescent Psychiatry*
Tony J. Simon, Ph.D.

Journal Articles


Abstracts and Presentations


2016 Three Distinct Brain Structure Patterns As Potential Biomarkers for Behavioral and Psychiatric Outcomes in Chromosome 22q11.2 Deletion Syndrome. Society for Biological Psychiatry. Atlanta, GA (with Schumann C, Harvey D, and others), May.


2016 An Evidence-Based Neurotherapeutic Intervention For Enhancing Spatiotemporal Cognition. X-Tech/Neurogaming Expo. San Francisco, CA (with Aronson T, Hunicke R, and others), May.

Research Funding

5U01MH101719, 9/1/13-8/30/17, NIH/NIMH, $30,797, International Consortium on Brain and Behavior in 22q11.2 Deletion Syndrome. The International Consortium on Brain and Behavior in 22q11.2 Deletion Syndrome (22q11DS) is a collaborative grant awarded to 22 institutions, with one genomic and four phenotyping leading sites. The collaboration combines genomic with neuropsychiatric and neurobehavioral paradigms to advance the understanding of the pathogenesis of schizophrenia (SZ) and related phenotypes. The Consortium provides the largest available sample to date of 1,000 genetically and phenotypically characterized individuals with 22q11DS. Gur RE (PI), Simon TJ (Investigator/Subcontractor).

1U54HD079125-01, 9/1/13-8/31/18, NIH/NICHD, $841,424, MIND Institute Intellectual and Developmental Disabilities Center. The proposed IDDRC is designed to support a translational science agenda focused on IDD. The IDDRC will integrate research from multiple disciplines and bridge basic and clinical science to arrive at treatments for IDD conditions. The range of IDD conditions include autism spectrum disorder, fragile X syndrome, Down syndrome, ADHD, chromosome 22q11.2 deletion syndrome, and many others. Abbeduto (PI), Simon TJ (Co-I [Associate Director]).

R01-MH107108, 8/1/15-7/31/20, NIH/NIMH, $499,999, Cognitive-Affective Psychosis Proneness Risk and Protective Factors in 22q11.2DS. The goal of the first phase of this longitudinal study is to investigate the hypothesis that interactions between cognitive and affective processing, along with stress reactivity combine to modulate the degree of psychosis proneness risk or protection in adolescents and young adults with the chromosome 22q11.2 deletion syndrome and to determine predictors of outcome on a novel dimensional risk measure with the intention of targeting those predictors for early preventive intervention at some point in the near future. Simon TJ (PI)

90DD0596, 7/1/16-6/30/21, DHHS AUCD, Center of Excellence in Development Disabilities, UC Davis MIND Institute. The UC Davis UCEDD is a synergistic collaboration between six centers with a comprehensive plan to increase capacity for interdisciplinary training, intervention, community services and advocacy in Northern California for individuals with developmental disabilities and their families. Goals and activities for the initial year of the UCEDD funding will have emphasis in the areas of education, early intervention and health. Hansen (PI), Simon TJ (Investigator).

Community Service

Ad Hoc Reviewer, Biological Psychiatry
Chair, Graduate Student Committee, (David Grayson Thesis Committee, Neuroscience Program), University of California, Davis
Member, Autism Summit Infrastructure Working Group, University of California
Member, Editorial Board, Frontiers in Genetic Disorders
Member, Editorial Board, Journal of Neurodevelopmental Disorders
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, Neuroscience Graduate Group Admission Committee
Member, Research Advisory Committee, Department of Psychiatry and Behavioral Sciences, University of California, Davis
Member, MRI Safety Committee, Imaging Research Center, University of California, Davis
Review Editor, *Frontiers in Child and Neurodevelopmental Psychiatry*
Gregory Sokolov, M.D.

Presentations

2015  Designer Drugs: Dangers, Detection, and Defenses (Panel Moderator), American Academy of Psychiatry & Law Annual Meeting, Fort Lauderdale, FL, October 23.

Community Service

Member, Sacramento County Domestic Violence Death Review Team
Member, Sacramento County Mental Health Pharmacy and Therapeutics Committee
Marjorie Solomon, Ph.D., M.B.A.

Journal Publications


Book Chapters


Abstracts, Posters and Presentations

Behavioral Health Center of Excellence Conference. Sacramento, California. September.


2015 **Solomon, M.** Teaching social skills to children, adolescents, and young adults on the autism spectrum. Invited address to Northern California Women's Forum. Rocklin, California. October.

2016 **Solomon, M.** Teaching social skills to children, adolescents, and young adults on the autism spectrum. Invited address to scholars from Taiwan National University. Sacramento, California. January.

2016 Beck J, Shapleton J, South M, **Solomon M.** Concept Identification and formation in High-Functioning Adolescents with ASD. Poster presented at the International Meeting for Autism Research. Baltimore, Maryland. May.


Young Adults with ASD. Poster presented at the International Meeting for Autism Research. Baltimore, Maryland. May.

Research Funding

Pilot Award Solomon M (PI), 4/01/15-3/31/17 1.8 calendar, UCD Behavioral Health Center of Excellence, $100,000. Improving the Lives of Adults with Autism Spectrum Disorders and their Families: A Pilot Trial of the Adult Social Knowledge (ASK) Workshop. This grant will allow us to Pilot test a waiting list control trial of an intervention to help adults with autism to improve their social and role functioning, mental health, and self-care.

1R01 HD071998 Bales (PI); Solomon M (Co-Investigator), 7/05/12-5/31/2017, 1.2 calendar, NICHD, $360,780. Effects of Chronic Intranasal Oxytocin. This grant examines the long term effects of intranasal oxytocin in voles and titi monkeys to investigate the safety of their use as medications for humans with disorders involving social cognition.

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) 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.

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, Ph.D., BCBA-D

Journal Articles


Abstracts and Presentations


2015 Collaboration and Leadership – The Keys to Implementing Evidence-Based Early Intervention Asia Pacific Regional IMFAR, Shanghai China, November.

2016 Translation of school-based evidence-based autism practices to the community, Autism Affinity Lecture, UCLA Center for Autism Research and Treatment, January.


2016 Translation of evidence-based early intervention practices for ASD into community programs” Psychiatry and Behavioral Sciences Grand Rounds, UC Davis, February.


**Research Funding**


**Community Service**

Editor, *Autism: The International Journal of Research and Practice*
External Member, Interagency Autism Coordinating Committee (IACC) Services Working Group
Guest Reviewer, Mental Health Services Research Committee
Member, Editorial Board, *Journal of Early Intervention*
Member, Standing Study Section, Mental Health Service Research Committee
Member, Program Committee, International Meeting for Autism Research
Member, Research Advisory Committee (RAC), Department of Psychiatry and Behavioral Sciences, UC Davis
Member, RFA-MH-16-410, Special Review Panel
Reviewer, *Journal of Autism and Developmental Disorders*
Reviewer, *Journal of Behavioral Education*
Laura Magdalen Tully, Ph.D.

Journal Articles

2015 Yin H, **Tully LM**, Lincoln SH, Hooker CI. Adults with high social anhedonia have altered neural connectivity with ventral lateral prefrontal cortex when processing positive social signals. *Frontiers in Human Neuroscience*, 9, 469.


Abstracts and Presentations


Research Funding

UC Davis Behavioral Health Center of Excellence Pilot Award, **Tully LM** (PI). 11/01/15 – 03/31/17. Neural Dysfunctions during Cognitive Control of Emotion and their relationship to Social Impairments in Psychosis. $200,000 Total Direct.
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, Brain and Cognition
Reviewer, Cortex
Reviewer, Schizophrenia Bulletin
Paula Wadell, M.D.

Presentations

2016  Psychosis medications overview for Sacramento county providers (Speaking Series)

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
Treasurer, Central California Regional Organization of Child and Adolescent Psychiatry (CCROCAP)
Carlina Ramirez Wheeler, Ph.D.

Presentations

2016 Screening and Consultation Services, Sacramento County Children’s Behavioral Health Program, Sacramento, CA.

2016 Screening and Consultation Services, Children’s Receiving Home of Sacramento, Sacramento, CA.

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
**Glen L. Xiong, M.D.**

**Journal Articles**

2015  

2015  
**Xiong GL**, Prybol K, Boyle SH, Hall R, Streilein RD, Steffens DC, Krishnan R, Rogers JG, O’Connor CM, Jiang W; SADHART-CHF Investigators. Inflammation Markers and Major Depressive Disorder in Patients With Chronic Heart Failure: Results From the Sertraline Against Depression and Heart Disease in Chronic Heart Failure Study. *Psychosomatic Medicine*. July; [PMID: 26186432].

2015  

2015  

2015  

2015  

2015  

2016  

2016  

**Book Chapters**

2016  


Abstracts and Presentations

2015 Sleep and the Aging Brain. Alzheimer's Disease Center Community Discovery Series. Lesher Center for Performing Arts, Walnut Creek, CA. August 25.


2015 Dementia Behaviors: What can you do to manage them? MIND Institute, Sacramento, CA. Lescher Center for Performing Arts, Walnut Creek, CA. September 21.


2016 Sleep and the Aging Brain. Older Adults Coalition. Sacramento, CA, January 11.

2016 Substance Use Disorders: Update on Diagnosis and Treatment. Lecture and workshop. Essentials of Primary Care Psychiatry Conference. Sacramento, CA, January 15.

2016 Sleep and the Aging Brain. Rossmore Retirement Community. Walnut Creek, CA, April 4.


2016 Non-pharmacological approaches to addressing dementia behaviors. California
Assisted Living Association Spring Conference, Sacramento, CA. June 7 [with Loren Alving and Toni Onkka].

Research Support

P30 AG10129: DeCarli (PI). 09/30/11-6/30/16. UC Davis Alzheimer's Disease Center Core. Major goals of this project are to enroll, study and follow a cohort of patients and control subjects who are thoroughly characterized, and longitudinally followed to autopsy. This provides a research infrastructure for clinical and basic studies of dementia in Northern California. Role: Associate Director of Education Core

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.

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
Reviewer, Biological Psychiatry
Reviewer, BMC Research Notes
Reviewer, Canadian Journal of Psychiatry
Reviewer, Clinical Gerontology
Reviewer, Healthcare
Reviewer, Journal of Applied Gerontology
Reviewer, Journal of Clinical Psychopharmacology
Reviewer, Journal of Graduate Medical Education
Reviewer, PLOS ONE
Reviewer, Primary Care Companion CNS Disorders
Journal Articles


2015   Which Antidepressants Are Best for Older Adults? A meta-analysis indicates which antidepressants are most effective, and which are most likely to cause dizziness. *Experts And Viewpoints*, August.  http://www.medscape.com/viewarticle/848952


2016 What Are the Mental Health Effects of Climate Change? Dr. Peter Yellowlees discusses a recent opinion article highlighting the importance of climate change in psychiatry and its potential effects on mental health. Experts And Viewpoints, April. http://www.medscape.com/viewarticle/861217


**Book Chapters**


**Abstracts and Presentations**

2015  *Edgy Issues Keynote webinar – e-mental health*, Webinar for Australian College of Medical Administrators. Melbourne Australia, August 14


2016  *Asynchronous Telepsychiatry in primary care*. University of Colorado, Denver, February 5


**Research Funding**


Reducing Duration of Untreated Psychosis through rapid identification and engagement, NIMH: $2.5 million. Carter CS (PI), Yellowlees PM (Investigator 2%), 2014-2018.

Community Service

President-Elect, Board of Directors of American Telemedicine Associations (ATA)
Chair, Board of Directors, HealthLinkNow, Inc.
Chair, UCDHS Wellbeing Committee
Coordinator, Short and Long Courses in Telepsychiatry, American Telemedicine Association
Member, Board of Trustees Workgroup on Telepsychiatry, American Psychiatric Association
Member, Compensation and Advisory Committee
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