MUSC Psychiatry Chair Update
October 26, 2017

Thomas W. Uhde, MD
Department of Psychiatry and Behavioral Sciences & Institute of Psychiatry
The Chair’s Research Development Fund (CRDF) will accept proposals to fund pilot studies for junior faculty members to collect preliminary data in support of extramural grant applications. Currently, proposals are being solicited that satisfy one or more of the following requirements:

1. Develop preliminary data necessary to prepare and submit a competitive research grant application to a major federal funding agency or independent foundation.

2. Assist junior faculty with demonstrated potential for and commitment to develop a career in psychiatric or behavioral science research.

3. Assist faculty who collaborate with psychology interns, post-doctoral fellows, or fourth year residents on their projects in a tandem effort to both garner pilot data (for faculty) and foster research potential (in trainees).

4. Special emphasis will be given to increasing participation of members of an under-represented minority group in research.

Awards: The CRDF will make a number of awards each year as determined by available financial resources. Most awards will be in the $5,000 – 10,000 range. Under exceptional circumstances, applications may be submitted for larger amounts, but permission to do so must be obtained from the Vice Chair for Research and Research Administration. The faculty member’s Division is expected to supplement the CRDF award with salary support for the faculty member for the level of effort needed for the research project.

Eligibility: All awardees must have a primary appointment in the Department of Psychiatry and Behavioral Sciences. Faculty members with faculty ranks of Associate Professor and below can apply for support from the CRDF but preference will be given to faculty members with ranks below the level of Associate Professor.

Submission Deadlines: November 1, 2017 and May 1, 2018

For more information, including submission requirements, please contact Vickey Cornelison (cornely@musc.edu).

KUDOS/WINS

- Dr. Gregg Dwyer was an invited speaker at the annual Ethics and Administrative Law Training for the South Carolina Public Service Commission and Office of Regulatory Staff.

- Dr. Gregg Dwyer presented “Law Enforcement Response to the Mentally Ill: An Overview” as invited faculty at the South Carolina Criminal Justice Academy (police academy) in their course “Law Enforcement Awareness for the Mentally Ill.” Other presenters were from the SCDMH, NAMI, SCLEAP, and the court system.
The Chair’s Incentive is awarded at each faculty meeting. The recipient can use the incentive for professional development.

Past Recipients:
• 2011: Dr. Kevin Gray

• 2012: Dr. Layton McCurdy, Dr. Angie Moreland, Dr. Hugh Myrick, Dr. Peter Tuerk

• 2013: Dr. Sarah Book, Dr. Mark Wagner

• 2014: Dr. Connie Best, Dr. Bernadette Cortese, Dr. Aimee McRae-Clark

• 2015: Dr. Connie Guille, Dr. Marcelo Lopez, Dr. Dean Kilpatrick, Ms. Tammy Yarnall

• 2016: Dr. Lillian Christon, Dr. Kelly Holes-Lewis, Dr. Peter Shiromani, Dr. Lindsay Squeglia

• 2017: Dr. Adrienne Langlinais, Dr. Therese Killeen, Dr. Dean Kilpatrick, Dr. Stacey Maurer
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<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Title</th>
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<tr>
<td>Sudie Back</td>
<td>New</td>
<td>A Randomized Controlled Trial of N-Acetylcysteine for Alcohol Use Disorder and Comorbid PTSD</td>
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<tr>
<td>Jeff Borekardt</td>
<td>Non-Competing</td>
<td>RCT of tDCS-Augmented CBT for Veterans with Pain and Co-Morbid Opiate Misuse</td>
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<td>Carla Danielson</td>
<td>Non-Competing</td>
<td>EMPOWER Program Capacity Expansion</td>
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<td>Kevin Gray</td>
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<td>Dean Kilpatrick</td>
<td>Competing</td>
<td>Graduate Psychology Education Programs</td>
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<td>Meng Liu</td>
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<td>Gene Transfer for Cataplexy of Narcolepsy</td>
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<td>Kathryn Magruder</td>
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<td>Health Mechanisms and Outcomes in an Epidemiological Cohort of Vietnam Era Women Veterans</td>
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<td>Patrick O'Neil</td>
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<td>Effect of Liraglutide for Weight Management in Pubertal Adolescent Subjects with Obesity</td>
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<td>James Prisciandaro</td>
<td>Non-Competing</td>
<td>Neuroimaging Mechanisms of Overlap Between Alcoholism and Bipolar Disorder</td>
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<td>Joseph Schacht</td>
<td>Non-Competing</td>
<td>Neural Connectivity and the Transition to Alcohol Dependence</td>
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<tr>
<td>Lindsay Squeglia</td>
<td>New</td>
<td>Neuroscience-informed Treatment Development for Adolescent Alcohol Use Disorders</td>
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<tr>
<td>Christina Tolbert</td>
<td>New</td>
<td>AACAP Pilot Research Award, supported by Pfizer, Inc.</td>
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Are you interested in receiving a waiver to prescribe buprenorphine for opioid addiction?

Two upcoming trainings will be offered at MUSC:
- October 6, 2017 (8 hrs)
- November 10, 2017 (8 hrs OR 4 hrs live + 4 hrs on-line)

- FREE OF CHARGE
- PRESENTED BY MUSC FACULTY WITH EXPERTISE IN ADDICTION
- CME AVAILABLE (Physicians, PAs, NPs)

For more information and/or to register, contact Rachel Grater at grater@musc.edu or 843-792-5380

SELECTED PUBLICATIONS


Featured Speakers

Inclusion to Innovation Summit:
Diverse Pathways to Organizational Excellence

Nov. 9 & 10, 2017 | Charleston, South Carolina

Jerrill Moore  Dr. Michelle Espino  Dr. Damon Williams

Visit our Website for Speaker Bios & Conference Info
musc.edu/dai-summit

2018 Career Development Program:
Leadership and Advancement

This is a two-day intensive Career Development Program focused on promoting skills for leadership and advancement in your career. The program will include large and small group interactive sessions on topics such as Leadership Skills, Negotiation Skills,
Networking and Building Your National Reputation, Self-Promotion, Conflict Resolution, and Promotion/Tenure. The program is open to both men and women faculty in all ranks and tracks (tenure and non-tenure track). Early and mid-career faculty are highly encouraged to apply.

Space is limited and faculty will be selected based on their applications. Before applying, please consult with your department chair and/or division director to ensure that you will be released from all duties to attend the entire two-day program.

If you have already participated in any of the previous Career Development Programs (held in 2016, 2017, and/or 2018), you are not eligible for this CDP program.

Open to ALL FACULTY
Thursday & Friday, March 15 & 16, 2018

Register at https://go.musc.edu/2018CDP by November 17, 2017
Contact Rachel Simmons at rsimmons@musc.edu
with any questions about the application or program
Title: Bringing South African Men into HIV Counseling and Testing (HCT) and Care
Contact: Dr. Michael D. Sweat, sweatm@musc.edu, (843) 876-1800
Description: The ultimate objective of this research is to provide evidence-based strategies to improve treatment of HIV+ men. Treatment as prevention (TasP) can only work through a three step process: (1) Testing a significant proportion of the population, (2) linkage to care and (3) maintaining in care a significant proportion of HIV+ individuals to the point of viral suppression. The benefits of increased testing, linkage to and maintenance in care for men would be enormous. We propose a study that combines structural and individual level interventions and integrates the results to address our overall objective of maintenance in care to the point of viral suppression. Aim 1: In a cluster-randomized study, we will investigate whether male-centered mobilization and testing increases the population-level percentage of men who have been tested (within the last 12 months) by more than 10 absolute percentage points. Aim 2: In the individually-randomized design, we will investigate whether POC CD4 testing and individualized case management improves linkage to care (immediately following diagnosis) and viral suppression (12 months later) over POC CD4 testing alone and standard of care. Aim 3: Integrate the results of the two trial components (Aims 1 and 2) to evaluate the joint effect of the interventions on the percentage of HIV+ men who are effectively tested, linked to care and maintained with undetectable VL. The benefits of increased testing, linkage to and maintenance in care for men would be enormous. Men would remain healthier longer, could work and support their families, contribute to rather than deplete household economic resources, raise their children, and they would be less likely to transmit HIV to female partners.

Title: A Pharmacokinetic Comparison of Immediate Release N-Acetylcysteine with Extended Release N-Acetylcysteine in Healthy Adults
Contact: Melissa Michel, michelm@musc.edu, 843-792-1901
Description: Healthy males and females between the ages of 18-50 years are asked to participate in a 12 day outpatient study. The purpose of the study is to determine if a newly developed extended release version of N-Acetylcysteine (NAC) will be acceptable to replace the currently available immediate release formulation of NAC.
Title: Evaluation of Cue-Induced Brain Activation in Pedophilic Offenders  
Contact: Dr. Gregg Dwyer, 843-792-1461  
Description: This study adapts fMRI neuroimaging to evaluate cue-induced changes in regional brain activity in men with Pedophilic Disorder compared to men without the disorder. It has significant potential for knowledge acquisition. Neuroimaging technology has been used to a limited extent to address the neurobiological underpinnings of deviant sexual behavior, but studies are limited in number as well as in scope. It extends results of previous neuroimaging studies by assessing regional brain activity after cue stimulation with a control group during simultaneous fMRI and penile plethysmography. Funded by a University of Ottawa Medical Research Fund grant; joint with Royal’s Institute of Mental Health Research, University of Ottawa.

Title: Sexually Violent Predators” and the Impact of Substance Addiction: A Pilot Study  
Contact: Dr. Gregg Dwyer and Thomas Lewis III, 843-792-1461  
Description: This study evaluates persons committed under the South Carolina Sexually Violent predator (SVP) Act with regard to substance usage, mental health diagnoses, criminal justice, and sex offense data to better understand their relationships. By utilizing SVP Act Multidisciplinary Team review data, information can be obtained comparing persons recommended for commitment to those dismissed from the review process. Given the dearth of empirical study of this population, employing the depth and breadth of data to be examined will enable this pilot study to further the field and public safety efforts at the community level. The Principal Investigator for this study is a General Psychiatry Resident in the DART program with associated funding support.

Title: Enhancing the Identification of Victims of Child Pornography Production and Distribution  
Contacts: Drs. Gregg Dwyer, 843-792-1461  
Description: A unique collaboration with the National Center for Missing and Exploited Children has enabled access to data from a national registry of identified child pornography victims for the first time outside the federal government. The research team has built a database to examine characteristics of identified child pornography victims; how they are identified; relationships between child and perpetrator characteristics; details about the child pornography offenses. This is a multinational joint project with MUSC CPSPD, Royal’s Institute of Mental Health Research, University of Ottawa, Canada and School of Health in Social Science, University of Edinburgh, Scotland, UK. Funded by a Thorn Foundation grant.

Title: A Randomized, Double-Blind, Placebo-Controlled, Phase 4, Relapse Prevention Study Evaluating the Efficacy and Safety of Vortioxetine (5, 10 and 20 mg) in Adults With Major Depressive Disorder  
Contact: Donovan Katy donova@musc.edu (843) 724-2945  
Description: The goal of the study is to evaluate 3 fixed doses (5, 10 and 20 mg oral tablets) of vortioxetine (Brintellix) in the prevention of relapse in adult subjects (18-75 years old) with major depressive disorder (MDD), recurrent, who responded to acute treatment with vortioxetine. Eligible subjects participate in a 16-week open-label treatment period with vortioxetine followed by a 32-week double-blind randomized treatment phase.
Title: TMS for nicotine addiction  
Contact: Scott Henderson or Xingbao Li  
Contact email: henderjs@musc.edu or lixi@musc.edu  
Contact phone: 843-792-5560 or 843-792-5729  
Description: This is a double blind randomized controlled smoking cessation research study sponsored by the National Institute of Drug Abuse. This study is designed to ascertain whether repetitive transcranial magnetic stimulation (rTMS) can affect things that may prompt you to want to smoke and the consumption of cigarettes over a 3-month period. After assessment and inclusion into the study, participants will be randomized to receive a 10-time active rTMS or placebo-like rTMS. Participants must be (1) current cigarette smokers; (2) between 18-60 years old; (3) able to commit approximately 13 hours of time to the study; and (4) have no metal in their body. Compensation will be provided.

Title: Integrative Risk Reduction and Treatment for PTSD and Teen Substance Use Problems  
Contact: Anna Smalling, smallina@musc.edu, 792-8361  
Description: This program involves a randomized controlled trial (RCT) with subjects ages 13-18 years who have experienced interpersonal violence (physical or sexual abuse/assault, exposure to domestic violence, witness community violence). Subjects are randomized to either receive Risk Reduction through Family Therapy (RRFT) or Treatment As Usual (TAU). Youth will be recruited from local child advocacy centers and the interventions are psychosocial in nature. Follow-up assessments will be conducted at multiple time points through 18-month post entry.

Title: Effect of liraglutide for weight management in pubertal adolescent subjects with obesity: 56-week, double-blind, randomised, parallel-group, placebo-controlled multi-national trial followed by a 26-week period off study-drug  
Contact: Mary Harley, harleyma@musc.edu, 843 792 5427  
Description: Liraglutide 3.0 mg is an injectable medication approved for use by adults in management of obesity when combined with diet and exercise counseling. This study will examine its efficacy and safety among obese adolescents aged 12-18 when taken over 56 weeks, but the total duration of the study is about 1.5 years. Participants will have to attend approximately 30 clinic visits in downtown Charleston; 10 of these visits will require the participant to be fasting and so will have to be in the morning.
Dr. Anthony C. Ross
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“Mechanical drivers for symptoms respond to mechanical corrections. Compensatory treatment reduces the symptoms not the mechanical cause”

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