MUSC Psychiatry Chair Update
March 2016

Thomas W. Uhde, MD
Department of Psychiatry and Behavioral Sciences & Institute of Psychiatry
Dr. Deborah Deas, Professor in the Department of Psychiatry and Behavioral Sciences, will be leaving MUSC at the end of the month. Dr. Deas served as Interim Dean of the College of Medicine for 18 months and will be leaving to become Dean of the School of Medicine and CEO of Clinical Affairs at the University of California, Riverside. Dr. Deas has served in several administrative positions at MUSC, including founding director of the Adolescent Substance Abuse Program, College of Medicine Associate Dean for Admissions, Senior Associate Dean for Diversity, and Senior Associate Dean for Medical Education. She has received research funding from the National Institutes of Health and other public and private sources for her work in adolescent substance abuse, anxiety disorders and depression, and has authored more than 100 articles, textbook chapters and abstracts.

An addiction scientist, Dr. Deas is a long-standing distinguished member of our department. She is recognized throughout the US for her advocacy and leadership in medical education and promoting diversity to improve the health care of our community.

She will be missed but we also celebrate her past achievements and future contributions to academic medicine.

We wish Dr. Deas the very best in her next endeavor!
Dr. Diana Mullis earned her M.D. at the Medical University of South Carolina. Prior to entering the practice of Psychiatry, her specialty was Emergency Medicine and she also served as a Medical Examiner in the state of North Carolina. In 1995, she completed her residency in Psychiatry at MUSC and Forensic Psychiatry fellowship in 2009. She is board certified in Psychiatry and Forensic Psychiatry.

Dr. Mullis joined the faculty as an Assistant Professor in the Department of Psychiatry and Behavioral Sciences at MUSC in 2003. Currently, she is an Associate Professor and holds the positions of Assistant Medical Director for the Mental Health Service Line, Director of the Progressive Professionals Program within the Community and Public Safety Psychiatry Division, Vice-Chair of Executive Committee for Clinical Operations, Clinical Director of Admissions for the Institute of Psychiatry, and Director of the Psychiatric Emergency Services. She serves on numerous committees within the Department and MUSC and serves on the Forensic Neuropsychiatry and the Suicidology Committees of the American Academy of Psychiatry and the Law.

Dr. Mullis maintains clinical and forensic psychiatric practice. She practices Emergency Psychiatry with a multidisciplinary team and which includes supervision of the residents on their monthly rotations. She also provides treatment for adult inpatients and maintains a small outpatient practice with a special interest in treatment of Bipolar Disorders. She is experienced in conducting several types of forensic evaluations and has been qualified as an expert witness to offer testimony in Probate Court, Court of General Sessions, Court of Common Pleas, and Federal Court.

She lives in Charleston, S.C. with her husband and three pug dogs that rule the house. In addition to practicing medicine, she enjoys mentoring professional women, reading espionage, art, boating, yoga, and spending time with family and close friends.
Sharlene Wedin, Psy.D., ABPP is an Associate Professor and Board Certified Clinical Psychologist in the Department of Psychiatry and Behavioral Sciences within the Bio-Behavioral Medicine Division. Her clinical work is centered around treating patients with chronic medical conditions including adjustment to chronic illness, managing psychiatric co-morbidities, and improving functioning and quality of life. She specializes in the use of Acceptance and Commitment Therapy, particularly with patients experiencing chronic pain. In addition, she is the Chief of Bariatric Behavioral Medicine and works closely with the Bariatric Surgery team at MUSC to evaluate patients being considered for surgery as well as provide psychological and behavioral support to patients both pre and post-surgery. Research interests include psychosocial aspects of bariatric surgery and clinical interventions for chronic pain. Dr. Wedin is a clinical supervisor within the Behavioral Medicine Clinic where she works with psychology interns and fellows and psychiatry residents. In addition, she holds an appointment with the College of Dental Medicine and provides instruction in the Behavioral Science curriculum.

Dr. Wedin received her doctoral degree in clinical psychology from Pacific University. She completed her predoctoral internship at Walter Reed Army Medical Center with primary rotations in behavioral medicine and outpatient psychology. Dr. Wedin completed a M.A. in counseling psychology at the University of Denver and B.A. with honors in scientific/experimental psychology from Alfred University. Before coming to MUSC in 2004, Dr. Wedin served as an Army officer and faculty at Eisenhower Army Medical Center.

Dr. Wedin enjoys spending time with her husband and two sons recharging in nature. She can be found participating in a variety of outdoor activities including camping, mountain bike riding, snow and waterskiing, kayaking and running.
Thanks for tipping the scales in our favor!
May we do the same for you?

One of the nation’s Top 15 weight management programs is also Charleston’s first choice. Thank you, City Paper readers! Since 1994, the MUSC Weight Management Center has been successfully helping people who struggle with excess weight. We offer a full range of services for all weight loss needs—whether you have a little or a lot to lose.

Our caring, skilled team of psychologists, dietitians, physicians and exercise physiologists will help you make lasting improvements in your eating patterns, activity level, attitude and diet. And you can meet with us downtown, in North Charleston...or from anywhere in the state using simple, secure telemedicine technology!

Want to know which of our programs is best for you? Take 5 minutes to complete our Program Matching Calculator at bit.ly/program-match

muschealth.org/weight  843-792-2273
The term “F&A” is widely and increasingly used on campus to explain sources of support a researcher receives from his or her Division or the department. There are widely varying perceptions regarding this term and related policies.

Here are a few “F&A Fast Facts”:

• F&A is the abbreviation for Facilities & Administration costs.

• F&A’s are also widely referred to as “indirect” or “overhead” costs.

• MUSC negotiates its cost of conducting research (i.e. F&A rate) with the federal government on a periodic basis (every 4-6 years).

• Selected examples of expenses taken into account to determine an institution’s infrastructure costs (the "F" in F&A) for conducting research are lighting, heating, power, office & laboratory space, operational services and facility depreciation.

• The infrastructure costs for conducting research in the Department of Psychiatry & Behavioral Sciences generally costs less than research conducted by department’s requiring more intensive operating services and/or technologies or hospital-based facilities.

• Although MUSC has an established federally-negotiated F&A rate, not all research sponsors (e.g. foundations, pharmaceutical industry) honor the rate that allows the university to recover its real costs for conducting the sponsored research. Any shortfall in the cost for conducting the sponsored research must be covered from other sources of funding (typically the department).

• The distribution of F&A monies to support research within a university are determined by the university and not the federal government.

• In 2015 the faculty of the Department of Psychiatry & Behavioral Sciences generated $4.85M, in F&A costs, which represents 20% of the College of Medicine’s total recovered F&A funds.

• The $4,858,990 in F&A generated by psychiatry faculty in FY2015 were distributed as follows:
  • College of Medicine = $4,373,090 (90%)
  • Principal Investigators = $145,770 (3%)
  • Psychiatry Divisions = $228,373 (4.7%)
  • Psychiatry Central Research Operations = 63,167 (1.3%)
  • Department Executive Research Committee = $48,590 (1%)
The “New” Division of Global and Community Health

This past year the faculty in Family Services Research Center (FSRC) undertook a careful analysis of their strengths and opportunities, theoretical orientation, and vision for the future. They also conducted a return on investment analysis and critically examined their mission statement, taking into account where the field is going and where the best funding opportunities are likely to be in the future. As an outcome of this self-assessment, the FSRC will be renamed the “Division of Global and Community Health”. This new name better reflects the work of the division, and a large proportion of their research portfolio is now involved in Global Health. The division will continue to conduct their research on community-based intervention strategies, both domestically and globally, especially those that have a socio-ecological focus. The new name better conveys this, and also is likely to be appealing to the funding agencies that primarily support their work. For example, there has been significant growth in support for Global Health research across NIH Institutes over the past decade, and it is poised to increase in the future. FSRC certainly has a proud history of making important contributions in the field, and we plan to continue that tradition under our new moniker.

Mission Statement for the Division of Global and Community Health (GCH)
"The mission of the Division of Global and Community Health is to advance the development of evidence-based socio-ecological interventions, and evaluate strategies for their large-scale implementation. Our work focuses on improving the health behavior and mental health of underserved individuals, families, and communities both globally and locally."

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<tr>
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<td>Howard Becker</td>
<td>Competing Continuation</td>
<td>Alcohol Research Center - Treatment and Implications</td>
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<tr>
<td>Howard Becker</td>
<td>Non-Competing Continuation</td>
<td>Ethanol Dependence and Stress Effects on Ethanol Drinking: Role of CRF</td>
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<td>Olga Brawman-Mintzer</td>
<td>New</td>
<td>A Randomized Double Blind, Placebo Controlled, Phase 4 Relapse Prevention Study Evaluating Efficacy of Vortuoxetine (5, 10, and 20mg) in Adults with MDD</td>
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<tr>
<td>Carla Danielson</td>
<td>Non-Competing Continuation</td>
<td>Integrative Risk Reduction and Treatment for Teen Substance Use Problems and PTSD</td>
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<tr>
<td>Colleen Halliday-Boykins</td>
<td>New</td>
<td>Interconnecting PBIS and School Mental Health to Improve School Safety: A Randomized Trial</td>
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<td>Marcelo Lopez</td>
<td>Non-Competing Continuation</td>
<td>Mouse Chronic Intermittent Ethanol (CIE) Core</td>
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<td>Robert Malcolm</td>
<td>Non-Competing Continuation</td>
<td>N-acetylcysteine for Relapse Prevention to Cocaine Use</td>
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<tr>
<td>Jenna McCauley</td>
<td>Non-Competing Continuation</td>
<td>Reducing Prescription Opioid Misuse: Dental Provider Intervention Development</td>
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<tr>
<td>Patrick O'Neil</td>
<td>New</td>
<td>Investigation of Safety and Efficacy of Once-daily Semaglutide in Obese Subjects Without Diabetes Mellitus</td>
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<tr>
<td>Alyssa Rheingold</td>
<td>New</td>
<td>NCVC Clinical Vehicle and Computers Request</td>
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<tr>
<td>Elizabeth Santa Ana</td>
<td>New</td>
<td>Group Motivational Interviewing (GMI) for Homeless Veterans in VA Services</td>
</tr>
<tr>
<td>Peter Tuerk</td>
<td>New</td>
<td>The Efficacy of 90-Minute vs. 60-Minute Sessions of Prolonged Exposure for PTSD: A Randomized Control Trial in Active Duty Military Personnel</td>
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</table>
CHAIRMAN’S RESEARCH DEVELOPMENT FUND

The Chairman of the Department of Psychiatry and Behavioral Sciences is pleased to announce a new submission cycle for the Chair’s Research Development Fund (CRDF). Applications will be accepted until midnight, May 1st. The CRDF supports several goals related to maintaining high quality research training programs. The primary goals are to increase the number of extramurally-funded junior investigators, encourage integration of trainees into research projects, enhance mentor-mentee collaborations within and across department divisions, and increase minority representation among funded junior investigators.

For more information, please contact Vickey Cornelison-Grant at cornelv@musc.edu, or call her at 792-5879.

FACULTY MEETING ATTENDANCE

I’d like to recognize and convey a note of special appreciation to the three divisions who had the overall highest rate of attendance during the past 3 faculty meetings. The Addiction Sciences, BioBehavioral Medicine, and Brain Research and Integrative Neuropsychopharmacology divisions had the highest rate of attendance for the months of July 2015, October, 2015, and January 2016.

As a reminder, faculty are encourage to attend quarterly faculty meetings.

2016 Faculty Meeting Dates:
January 19, 2016
April 19, 2016
July 19, 2016
October 18, 2016
100 VOLUNTEERS NEEDED

For the third year in a row, the Center for Drug and Alcohol Programs, within the Addiction Sciences Division, is a Cooper River Bridge Run Charity Connection where participants can fundraise for our mission, and to be one, we must recruit 100 volunteers to help with recycling efforts on Saturday, April 2 from 5:30 AM - 10:00 AM. FREE TEE SHIRTS FOR VOLUNTEERS!

Please consider helping out with this fun event and/or help me recruit! I need a team of helpers and appreciate those who have volunteered in the past!

Please contact Sylvia Rivers (riverssy@musc.edu) for more information.

KUDOS/WINS

• Dr. Aimee McRae-Clark was named Director of the Office of Research Integrity.

• Dr. Chanita Hughes-Halbert was featured in a Cancer-SIG Outlook article. [http://www.sbm.org/outlook/0216/articles.php?article=13](http://www.sbm.org/outlook/0216/articles.php?article=13)

• Dr. Gregg Dwyer invited faculty at the Sudden and Traumatic Loss Seminar sponsored by the South Carolina Law Enforcement Assistance Program in Myrtle Beach for law enforcement, public safety telecommunications, and National Guard personnel.

• Dr. Carlos Blanco-Centurion was appointed as reviewer for the Sleep Research Society Scientific Review Committee. The Sleep Research Society is the largest, oldest and most prestigious scientific society in the field of sleep science.

• Dr. Jessica Broadway was recently was invited to present The Treatment of Agitation in Dementia: An Evidence Based Approach for the MUSC Department of Neurology Grand Rounds.

• Dr. Melissa Milanak was appointed to editorial board for Journal of Child and Adolescent Substance Abuse.

• Dr. Lisa McTeague was named the University of Florida Department of Clinical & Health Psychology Outstanding Junior Alumna (to be presented April 2016).
KUDOS/WINS

• Dr. Gregg Dwyer taught “Deviant” Sexual Dysfunction and Paraphilic Disorders” and “Psychiatry and the Law” at the Edward Via College of Osteopathic Medicine in Spartanburg, SC.

• Dr. Daena Peterson was featured in Psychiatric News regarding her work in helping young people in gender transition find their way. http://psychnews.psychiatryonline.org/doi/full/10.1176/appi.pn.2016.3a13

• Dr. Tonisha Kearney-Ramos received a NIDA Director’s Travel Award to the CPDD Conference in Palm Springs, California.

• Drs. Kelly Barth and Joe Schacht completed the 2 year Alcohol Medical Scholars Program (AMSP), directed by Dr. Marc Schuckit from UCSD. This program brings together junior faculty from across the country with the mission of optimizing medical education in the area of identification and care for people with substance use disorders.

• Dr. Dave Beckert and colleagues had a great time participating in the workshop session on “Integrating LGBT cultural competence into psychiatry residency training: what residents need to know.

• Logan Dowdle was selected for a NIDA Women & Sex/Gender Differences Junior Investigator Award.
NEW HIRES

New Hires—Institute of Psychiatry:
Michelle Edwards
John McAlhany
Cashmere Sherald
Matthew Echols
Manish Mazyck
Jewell Singleton
Courtney Scott
Lawrence Jennings

New Hires—Department of Psychiatry and Behavioral Sciences:
Faculty:
LaShanta Rice, PhD
Valerie Flynn, LPC LMFT
Brian Still, MD

Staff:
Cecile Mazingue
Victoria Loftis
Alison Line
Laura Nance
Shanova Simmons
Monica McCole
Alexander Hirsch
Tyquan Morton
Philipp Summers
Millie Griffin
Kristen Brown

Laura Miller
Madison Summerill
Jasmine Curbeam
Kelly Thompson
Briana Lunn-Maher
Ashley “Katherin” Teague
Amanda Loftis
John McFaddin
Leah Kibler
Laryssa McCloud
Mary Ann Riley
Devin McSween
Hannah Sebald
CHILDREN’S DAY TREATMENT UPDATE

– Both STAR programs at MUSC continue to frontier de-escalation techniques and creative crisis diversion skills. In October 2015, the STAR program, located in North Charleston, participated in additional crisis de-escalation training and subsequently removed the seclusion doors in the program. Since this time, the rooms have been redesigned into relaxation rooms where children can go to self-reflect in a setting that’s private and away from other distractions. One room, decorated in a space theme, has dark walls and glow in the dark stars and has quickly become a favorite of children needing a self directed time-out. The other room, decorated in an ocean theme, is brighter and is used for writing, drawing and other solitary activities. Both STAR programs at MUSC have reduced seclusion and restraint significantly in the past year by more than 53% across both programs. Jon Ward and Lynn Morton-Epps, Coordinators for the STAR programs, continue to example de-escalation techniques in supervision daily and remain focused on sustained crisis diversion for youth based services in mental health.”

NEW HIRES

New Hires—Institute of Psychiatry:
Christian Ihemedu
Daryl Collymore
Michele Moody
Jenny Luna
Charles Booth
Amanda Baldwin
Jakala Hallums
Monic Rozier
Mia Barron
BREKKFAST WITH THE CHAIR

I have implemented monthly breakfast meetings. These meetings are intended to have an open-ended discussion with the Chair regarding education/training, clinical service, and/or research opportunities and future strategic plans. Available dates in 2016 include: March 15, April 12, May 24, June 21, July 19, September 13, October 11, and November 15. Breakfast meetings will be held from 8:30am-9:30am in the Chairman’s conference room and are open to a maximum of 12 faculty members. Interested faculty members should contact Kristen Mulholland (mulhollk@musc.edu) to sign up for a breakfast meeting.
Several member of the Community and Public Safety Psychiatry Division (CPSPD) presented at the annual scientific meeting of the American Academy of Forensic Sciences last week as follows and with a couple of photos attached:


PRESENTATIONS


REVISIONS UPDATE

ReVisions, formerly known as the ‘Seasons’ program, has expanded its programs to address our regions need for a larger and more intensive range of mental health services. ReVisions Intensive Outpatient Program now provides services to adults 18 years and older. In addition to expanding its age range, ReVisions has redefined their clinical programming, broadening topics and increasing the frequency of services to assist in shorter lengths of stay for patients. ReVisions runs Monday through Friday, offering daily group therapy to patients in need of programming for depression, anxiety, trauma and other mental health diagnoses. The average length of treatment is 3 weeks although the program remains individualized and is designed to be tailored to the each individual’s needs. Patients can generally be seen within 24 hours for an intake assessment. For new referrals please contact Cheryl (solesbe@musc.edu).
Please join us in congratulating our General Psychiatry Chief Residents for the 2016-17 Academic Year. Drs. Brueckner, Soni and Walker will be assimilating into their new roles in the coming weeks, starting with welcoming our new resident class that will be matching with MUSC this Friday, March 18.

Thank you to our outstanding current chiefs for a great year!
MUSC Psychiatry Residency Programs
2016-17 Interns

Ravi Anand
Tulane University School of Medicine

Michael Capata
University of Vermont College of Medicine

Drew Dawson
University of Oklahoma College of Medicine - Tulsa

Anouchka Douyon
University of Florida Health Science Center-Jacksonville

Nick Fisher
Indiana University School of Medicine

Tommy Fu
State University of New York Upstate Medical University - Binghamton

Amanda Hecker
University of Central Florida College of Medicine

Cam Mateus
Medical University of South Carolina College of Medicine

James Mauro
USF Health Morsani College of Medicine

Zane McCarthy
Medical College of Georgia at Georgia Regents University

Aidan McCroskey
Western Virginia Medical School

John Minner
Medical University of South Carolina College of Medicine

Jared Nemkov
Eastern Virginia Medical School

Mike Norred
University of Central Florida College of Medicine

Tobi Odunsi
University of Texas Medical Branch School of Medicine

Kasey Shook
University of South Carolina School of Medicine
FACULTY RECEPTION

Thank you to all who joined us for the Faculty Reception at the Wickliffe House on March 1.
ALUMNI RECEPTION

Thank you to all who joined us for the Alumni Reception at Burwells!
SELECTED PUBLICATIONS


Gilmore AK, Davis MT, Grubaugh A, Resnick H, Birks A, Denier C, Muzzy W, Tuerk P, Aciero R. Do you expect Me to Receive PTSD Care in a setting where most of the other patients remind Me of the perpetrator?: Home-based telemedicine to address barriers to care unique to military Sexual Trauma And Veterans Affairs hospitals. Contemp Clin Trials. 2016 Mar 15.

Lopez MF, Anderson RI, Becker HC. Effect of different stressors on voluntary ethanol intake in ethanol-dependent and nondependent C57BL/6J mice. Alcohol. 2016 Mar;51:17-23.

Clinical Applications of Oxytocin among Individuals and Dyads with PTSD and Substance Use Disorders”

Julianne Flanagan, PhD
Assistant Professor
Addiction Sciences Division
Department of Psychiatry and Behavioral Sciences
Cognitive Processing Therapy (CPT)

Friday, February 26, 2016
Medical University of South Carolina
Gazes Auditorium, Strom Thurmond Bldg., Room 125
8:30 a.m. - 4:30 p.m.

Many trauma survivors may find that they get “stuck” in their thoughts about the trauma and how it negatively impacts their life, which can inhibit a survivor’s ability to heal from the event. Cognitive Processing Therapy is a 12 session empirically supported treatment aimed at helping survivors process the trauma and challenge “stuck points” that negatively impact how survivors see themselves, others, and the world. By learning more adaptive appraisals, survivors can effectively begin to heal from their experiences.

In this one-day workshop, which is part of our new Therapeutic Techniques & Special Populations Series, clinicians will be provided with an informational overview of Cognitive Processing Therapy.

Details of how to receive formal training in Cognitive Processing Therapy to be considered a certified “CPT Provider” will be provided.

Presented by:
Rachel E. LeVine, Ph.D.
PCMH/CBT Team; MST Service Provider
Ralph H. Johnson VAMC
Assistant Professor of Psychiatry and Behavioral Sciences

Registration Fees:

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<tr>
<th>Early Registration (before 01/09/16)</th>
<th>General Registration (1/10/16 - 2/14/16)</th>
<th>Late Registration (on or after 2/15/16)</th>
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<td>MDs *</td>
<td>$185</td>
<td>$210</td>
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<tr>
<td>All Other Providers</td>
<td>$150</td>
<td>$175</td>
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<tr>
<td>Students &amp; Trainees</td>
<td>$50</td>
<td>$75</td>
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Online registration: www.musc.edu/psychevents

CME/CE credits available

Contact us: psych-events@musc.edu or (843)792-0175
Visit our website for information on all our Continuing Education Events:
www.musc.edu/psychevents
Cutting Edge: What’s New In Sex Offender Treatment and Assessment

Come join us for a day long training and conference to discover what’s new and current in the field of Sex Offender Treatment.

Friday, May 13, 2016

Medical University of South Carolina
Institute of Psychiatry Auditorium
9:00 a.m. - 4:30 p.m.

This training offers presentations by local experts in the areas of assessment and treatment of adults, juveniles, and female sex offenders. The day will conclude with an open panel discussion with the board members of our state chapter of AOS. So bring your questions and receive some expert advice.

This is a great opportunity to network with other individuals who work in the field and to establish relationships to assist in becoming a member of the national organization.

We look forward to seeing you all at this event.

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<td>MD’s, DO’s, PharmD’s</td>
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<td>Students/Trainees</td>
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CPE/CE credits available to attendees

Psychiatry Continuing Education
2016 Events Calendar

February 2016

10th - **TTS** - Screening, Brief Intervention, Referral to Treatment - Train the Trainer (SBIRT)

26th - **TTS** - Cognitive Processing Therapy (CFT)

March 2016

4th - **TTS** - Use and Interpretation of New Lab Tests (Biomarkers) for Assessing Drinking and Relapse in Psychiatric, Medical, and Addiction Patients. How Can They Assist Diagnosis and Treatment? (1/2 day)

April 2016

22nd - 2nd Annual Spring Social Work Conference

28th - **TTS** - Grief & Bereavement Techniques*

29th - **TTS** - Depression & Suicidal Ideation*

May 2016

13th - Cutting Edge: What’s New In Sex Offender Treatment and Assessment

June 2016

2nd & 3rd - 29th Annual Update in Psychiatry: Trending Topics in Substance Abuse

24th - **TTS** - Management of Peri-Partum Depression (1/2 Day)

*Register for both conferences and receive a special two-day rate.

Contact us: psych-events@musc.edu or (843)792-0175
Visit our website for information and registration for all our Continuing Education Events:

www.musc.edu/psychevents

Questions? Contact us at: psych-events@musc.edu or (843)792-0175

To register online for this training and view all our upcoming events, visit us:

www.musc.edu/psychevents
SAVE THE DATE

April 22, 2016  Charleston, SC

2nd Annual Spring Social Work Conference

Social Work Here and Now:
Bridging Today’s Issues Into Tomorrow’s Solutions

Registration Opens
February 25, 2016

Please visit our website for additional information
and all other Continuing Education events:

www.musc.edu/psychevents
Therapeutic Techniques & Special Populations in Psychiatry Series

Two Day Series Special! Exclusive Pricing

Medical University of South Carolina | Wellness Center | Room 204 | Charleston, SC

Evidence Based Approaches to Grief and Bereavement

THURSDAY, APRIL 28, 2016
8:00 A.M. - 4:00 P.M.

Featuring
Alyssa A. Rheingold, PhD

Depression and Suicidal Ideation

FRIDAY, APRIL 29, 2016
8:00 A.M. - 4:00 P.M.

Featuring
Jeffrey S. Claver, MD; Mark L. De Santis, MS; PsyD; Mark E. George, MD; Angela D. Moreland, PhD; Christopher G. Pelic, MD; E. Baron Short, MD, MSCR

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Therapeutic Techniques & Special Populations in Psychiatry Series

Depression and Suicidal Ideation

Medical University of South Carolina | Wellness Center | Room 204 | Charleston, SC

FRIDAY, APRIL 29, 2016
8:00 A.M. - 4:00 P.M.

JOIN US

Depression and suicidal thoughts and actions are incredibly distressing and unfortunately highly prevalent. Through lecture, discussion and hands-on activities, this conference will provide a comprehensive overview of assessment, diagnosis and treatment for depression and outline effective strategies to conduct a risk assessment, create a safety and recovery plan for patients with suicidal ideation. The training will conclude with a discussion of suicide postvention.

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Therapeutic Techniques & Special Populations in Psychiatry Series

Evidence Based Approaches to Grief and Bereavement

Medical University of South Carolina | Wellness Center | Room 204 | Charleston, SC

THURSDAY, APRIL 28, 2016
8:00 A.M. - 4:00 P.M.

Register for both the Grief and Bereavement Workshop on 4/28 and Depression Workshop on 4/29 for a Special 2-Day Rate!

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Register Online at www.musc.edu/psychevents

*View further accreditation details and our upcoming calendar of events at: www.musc.edu/psychevents

Supportive psych-mental health at 843.792.8773
STAY CONNECTED!
MUSC Department of Psychiatry and Behavioral Sciences presents:

2nd Annual Spring Social Work Conference
Social Work Here and Now:
Bridging Today’s Issues Into Tomorrow’s Solutions

<table>
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<tr>
<th>CONFERENCE LOCATION</th>
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<tr>
<td>Medical University of South Carolina  Bioengineering Building  68 President Street  Charleston, SC 29425</td>
<td>Friday, April 22, 2016  7:30 a.m. - 4:00 p.m.  Registration opens at 7:30 a.m.</td>
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Social workers regularly interact with a diverse group of clients with ever changing needs and unique challenges. Join us for one full day of education and networking as we address current issues. This conference will be held on the MUSC campus in a new state-of-the-art facility in the heart of downtown Charleston.

Topics include:
- criminal and domestic violence  •  dementia and caregiver issues
- human trafficking  •  motivational interviewing
- internet safety - including social media
- and more

The South Carolina Board of Social Work Examiners will approve approximately 7.0 hours of credit.

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*View further accreditation details and our upcoming calendar of events on our website: www.musc.edu/psychevents

Questions? psych-events@musc.edu or (843) 792-0175
People Against Rape, the Lowcountry’s rape crisis center, would like to extend an invitation to all the Psychiatry faculty, trainees, staff, and clients to attend any or all three of our annual Sexual Assault Awareness Events in April. On April 1st, we will be hosting "Pouring for PAR" a kickoff event at Holy City Brewing. From 4:00-8:00, come enjoy food, music, and a silent auction. All proceeds go towards providing direct services for victims and survivors. Our Take Back the Night Event will be on April 14, 2016 from 7:00pm-8:30pm at the Unitarian Church of Charleston. There will be a short March through the streets, followed by a vigil and moment of silence. The Event will finish with a Speak Out; an opportunity for victims and their loved ones to share their stories in a safe, non-judgmental environment. Finally, in order to ensure that we don't leave out any of our clients farther north, we are also hosting a Survivors' Speak-Out on April 21, 2016 from 7-8:30pm at Goose Creek City Hall. The ceremony will open with poetry and experiences from survivors of sexual assault, followed by a candlelight vigil and moment of silence. Following this, there will be the option for victims and survivors to share their own experiences.
**ONGOING STUDIES**

**Title:** Group Motivational Interviewing (GMI) for Homeless Veterans in VA Services  
**Contact:** Kayla Lamb, Kayla.Lamb@va.gov, 843-577-5011 ext: 5310  
**Description:** We are seeking Veterans who are homeless or in the VA Homeless Program to voluntarily enroll in a VA research study comparing two types of treatment for Veterans who have an alcohol misuse problem. Eligible participants will attend one of two groups: a motivational enhancement group therapy, called ‘The Self-Change Program’, designed to enhance motivation to make a healthier change around using substances by exploring personal goals, values, and strengths for making a change, or a Like Skills Educational Group therapy for improving quality of life and enhancing home stability. The study will recruit participants from within three locations: the Charleston VA Medical Center, the Myrtle Beach Community Based Outpatient Clinic (CBOC), and the Savannah, GA CBOC. Compensation will be provided to qualified participants.

**Title:** A Randomized, Double-blind, Multicenter, Placebo-controlled, Parallel-group, Efficacy and Safety Study of 2 Doses of Dasotraline in Adults with Attention Deficit Hyperactivity Disorder (ADHD)  
**Contact:** Amanda Wagner, wagne@musc.edu, 843-792-0484  
**Description:** This is a randomized, placebo-controlled, double-blind clinical trial (Phase III) evaluating the safety and efficacy of an investigational medication called Dasotraline in adults with Attention Deficit Hyperactivity Disorder. The study requires weekly visits for 12 weeks, and daily medication compliance.

**Title:** Smart Capsule for Automatic Adherence Monitoring  
**Contact:** Elizabeth Jones, jonesel@musc.edu, 843-792-5819  
**Description:** The purpose of this study is to determine the acceptability, tolerability, and efficacy of capsules with built-in, ingestible sensors that allow researchers to tell whether or not a patient took them as prescribed. This study is recruiting healthy volunteers.

**Title:** Effects of transcranial Direct Current Stimulation and Brief Cognitive Intervention on Pain Tolerance.  
**Contact:** Brittan Carter, cartebri@musc.edu, (843) 792-3659  
**Description:** The Departments of Psychiatry and Anesthesiology at MUSC are accepting volunteers for a clinical research study to investigate pain tolerance. The purpose of this study is to determine whether a new medical technology, called Transcranial Direct Current Stimulation (tDCS) can temporarily alter pain tolerance level. tDCS is a minimally-invasive technique (i.e., it does not involve any surgical procedures, additional medication or sedation, or needles) that uses a very small amount of electricity to temporarily stimulate specific brain areas in awake people. The electrical current passes through the skin, scalp, hair, and skull and can temporarily increase or decrease activity in areas of the brain that are thought to be involved with pain perception. Interested participants will be screened on the telephone and then have one appointment lasting approximately 1 hour. Participants must be between the ages of 18 and 75. Participation is confidential, and compensation is available.
ONGOING STUDIES

Title: The Effects of Cognitive Behavioral Therapy and Transcranial Direct Current Stimulation (tDCS) on Fibromyalgia Patients
Contact: Brittan Carter, cartebri@musc.edu, (843) 792-3659
Description: The purpose of this study is to determine whether a new medical technology, called Transcranial Direct Current Stimulation (tDCS), can help reduce fibromyalgia and reduce the need for pain medication when applied in combination with cognitive behavioral therapy (“talk therapy”). tDCS is a minimally-invasive technique (i.e., it does not involve any surgical procedures, additional medication or sedation, or needles) that uses a very small amount of electricity to temporarily stimulate specific brain areas in awake people. The electrical current passes through the skin, scalp, hair, and skull and can temporarily increase or decrease activity in areas of the brain that are thought to be involved with pain reduction. Some preliminary studies suggest that tDCS may be effective in reducing fibromyalgia and altering pain perception in both healthy adults and in patients with various types of pain conditions. Participants must be between the ages of 21 and 85. Participation is confidential, and compensation is available.

Title: Preliminary Study Investigating Whether Low Field Magnetic Stimulation (LFMS) Has Antinociceptive Effects In A Laboratory Pain Model
Contact: Brittan Carter, cartebri@musc.edu, (843) 792-3659
Description: The purpose of this study is to determine whether a new form of non-invasive brain stimulation, called low field magnetic stimulation (LFMS), can relieve pain. LFMS is like another form of brain stimulation called transcranial magnetic stimulation (TMS). This study consists of a 30 minute screening visit and two 90-minute experimental trials separated by approximately one week. Participation is confidential, and compensation is available.

Title: The Effects of Cognitive Behavioral Therapy and Transcranial Direct Current Stimulation (tDCS) on Chronic Lower Back Pain
Contact: verteranpainsc@gmail.com, 843-779-2493
Description: The purpose of this study is to determine whether a new medical technology, called Transcranial Direct Current Stimulation (tDCS), can help reduce chronic lower back pain and reduce the need for pain medication when applied in combination with cognitive behavioral therapy (“talk therapy”). tDCS is a minimally-invasive technique (i.e., it does not involve any surgical procedures, additional medication or sedation, or needles) that uses a very small amount of electricity to temporarily stimulate specific brain areas in awake people. The electrical current passes through the skin, scalp, hair, and skull and can temporarily increase or decrease activity in areas of the brain that are thought to be involved with pain reduction.

• COMPENSATION PROVIDED
• ALL INFORMATION IS CONFIDENTIAL

PARTICIPANTS MUST:
• Be between the ages of 18 - 70
• Suffer from chronic pain
• Be a United States Veteran
• Take a prescription pain medication
ONGOING STUDIES

Title: Comparison of Pre-Trial Competency to Stand Trial Defendants’ Characteristics on Outcome of Feigning Measures: A Preliminary Study of Local Norms
Contact: Jennifer Steadham, steadhaj@musc.edu, 876-2140
Description: Deliberate attempts to falsify, fabricate, or grossly exaggerate some aspect of functioning is known as feigning. When feigning is motivated by possibility of external gains (e.g., avoidance of prosecution or lesser punishment), it is known as malingering (Rogers & Shuman, 2005). Malingering has obvious relevance in forensic mental health evaluations, as pre-trial criminal defendants have clear motivations to feign impairment. Feigning strategies can be subdivided into two varieties in criminal forensic contexts: cognitive (i.e., memory or thinking processes) and psychiatric (i.e., symptoms of major mental disorders) impairment. Categorical classifications can be made on the basis of a defendant’s performance on feigning assessment measures, into groups thought to be exaggerating or fabricating impairment (“probable malingers”) or those thought to be responding honestly (“non-malingers”). In the last decade, direct examinations comparing the characteristics of competency defendants suspected of malingering versus non-malingers, as classified by feigning measures, have been sparse and most often included as an incidental question in a larger study. For the current study, a sample of competence to stand trial evaluations conducted by MUSC’s Forensic Psychiatry Program will be reviewed. Competency to stand trial reports dated 2011 through August 2015 will be included for review. Evaluation reports will be coded for examinee (e.g., demographic, psychiatric diagnoses, and mental status descriptions) and evaluator characteristics (i.e., specialty field).

Title: CSP556 “rTMS for depressed veterans”
Contact: Matt Schmidt, matthew.schmidt@va.gov, 843-577-5011 ext 5209
Description: This is study for veterans only who have depression. The treatment given is Transcranial Magnetic stimulation. It is a double blind study with a sham (placebo) possibility. There is a screening phase of about 1 week, a treatment phase of 4-6 weeks, and a follow up phase where subjects come in once per month for 5 months. All procedures and assessments done at Ralph Johnson VA. Subject compensation is available up to $400.00.

Title: A Randomized Trial of E-cigarettes: Natural Uptake, Patterns and Impact of Use
Contact: Caitlyn Hood, hooca@musc.edu, 843-876-2291
Description: Electronic cigarettes (e-cigarettes) are the newest and perhaps the most popular non-cigarette products available to smokers. In this study, we will examine how the use of electronic cigarettes affects smoking behavior. Eligible participants will have a 2/3rds chance of receiving a sample of e-cigarettes. Participants must be current, daily cigarette smokers who are 18 years of age or older and interested in trying the e-cigarette.

Title: Oxytocin in Cocaine Dependence
Contact: Lisa Nunn, jenkinli@musc.edu, 792-0476
Description: This study explores the effect of oxytocin on stress response and brain reactivity in individuals with cocaine dependence. Participation consists of a screening visit, three outpatient study sessions, and two brief follow-up visits.
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: A Prospective, Longitudinal, Observational Study to Evaluate Potential Predictors of Relapse in Subjects With Major Depressive Disorder Who Have Responded to Antidepressant Treatment
Contact: Melissa Michel, michelm@musc.edu, 843-792-1901
Description: This study is being done to collect information related to Major Depressive Disorder (MDD). The purpose of this observational study is to identify if answers to self-reported questionnaires about your symptoms and functioning, information about your daily activity and sleep quality, and speech and voice characteristics can be used to predict worsening of MDD in the near future.
ONGOING STUDIES

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.
ONGOING STUDIES

Title: rTMS for Adolescent Depression -- upcoming in the next couple weeks
Contact: Annabel Franz, franca@musc.edu, 843-876-5141
Description: We are investigating the safety and efficacy of repetitive TMS as a treatment for adolescent depression for those aged 12-21 years old. We are seeking adolescents of this age range who have not received sufficient benefit from at least one antidepressant medication trial. TMS is currently FDA approved for treating adult depression.

Title: rTMS for Bipolar Depression - current
Contact: Annabel Franz, franca@musc.edu, 843-876-5141
Description: We are investigating repetitive TMS as a treatment for bipolar depression in conjunction with mood stabilizers in adults aged 22-68 years old. We are seeking treatment refractory patients with bipolar disorder. TMS is currently FDA approved for treating adult depression.

Title: rTMS for Reducing Marijuana Craving and Risky Behaviors in Non-Treatment Seeking Heavy Marijuana Smokers - current
Contact: Annabel Franz, franca@musc.edu, 843-876-5141
Description: A pilot trial investigating how TMS to the left dorso-lateral pre-frontal cortex can reduce marijuana craving and impulsive decisions in adults 18-60.

Title: Enhancing Disrupted Reconsolidation: Impact on Cocaine Craving, Reactivity & Use
Contact: Amanda Smith, smitham@musc.edu, 792-6984
Description: The purpose of this double-blind, placebo-controlled study is to examine whether beta-adrenergic antagonist propranolol can attenuate cocaine-associated memories and thereby reduce cocaine craving, cue reactivity, and use in cocaine dependent participants. Participants will receive either placebo, 40mg, or 80mg of propranolol after each of two laboratory sessions of cocaine cue exposure. Participants will be evaluated on cocaine craving, physiological reactivity to cocaine cues, and cocaine use in follow-up sessions for 6 weeks.

Title: Traumatic Exposure and Competency to Stand Trial: Describing Juvenile Offender Characteristics.
Contact: Sheresa Christopher, chrisshe@musc.edu, 792-1461
Description: Exposure to traumatic events is associated with trauma sequelae which has been studied and observed in samples of justice-involved youth. Within this population, a small subset of youth is referred for evaluation of their competency to stand trial due to concerns they may be lacking a factual and rational understanding of the proceedings against them and the ability to assist their attorney in their defense. Despite the high prevalence of trauma exposure and the similarity of deficits observed, little is known about trauma exposure in youth thought to exhibit deficits in those abilities typically associated with competency to stand trial. The current study aims to describe the differences in characteristics between juveniles who are opined competent to stand trial and those who are not. A particular emphasis is placed on the presence and type of past trauma exposure in relation to the nature of the criminal offenses given the high prevalence of trauma in this population.
ONGOING STUDIES

Title: Psychological First Aid for Victims of Crime
Contact: Dr. Michael McCart, mccartm@musc.edu, (843) 876-1800
Description: This study aims to implement and refine research protocols required for a full-scale randomized clinical trial of Psychological First Aid (PFA) for adult victims of crime. PFA is a promising acute intervention designed to reduce the severity and duration of trauma-related distress. Law Enforcement Victim Advocates are being trained to implement PFA with adult crime victims. A pilot trial is comparing PFA to usual services on key mental health outcomes from baseline through 4 months post-baseline.

Title: Synthesizing HIV Behavioral Intervention Effectiveness in Developing Countries
Contact: Dr. Michael D. Sweat, sweatm@musc.edu, (843) 876-1800
Description: This is a project in which we are conducting systematic reviews and meta-analysis on evidence of effectiveness of a variety of HIV behavioral interventions in developing countries.

Title: Phase II RCT of Comprehensive Triage HIV Prevention: Tanzania
Contact: Dr. Michael D. Sweat, sweatm@musc.edu, (843) 876-1800
Description: The purpose of this study is to conduct a rigorous 3-year Phase II trial of a promising HIV prevention strategy designed to significantly reduce population-level HIV incidence in rural developing country settings with severe generalized HIV epidemics.

Title: Community-Based Combination HIV Prevention in Tanzania Women at Heightened Risk
Contact: Dr. Michael D. Sweat, sweatm@musc.edu, (843) 876-1800
Description: This is a two-arm Phase II community randomized controlled trial of a community-based combination HIV prevention intervention among FSWs in Iringa, Tanzania. The combination package examined includes integrated biomedical, behavioral and structural components: The study will establish base rates of key outcomes including HIV incidence and viral load suppression, examine the socio-structural and behavioral pathways of the intervention, assess feasibility, acceptability and safety, and document preliminary effectiveness. (1) mobile HIV testing and risk reduction counseling; (2) service navigation to facilitate access to treatment and retention in care; (3) sensitivity training for HIV clinical care providers; (4) SMS text messages to promote adherence to care and ART; (5) venue-based peer education and condom distribution; and (6) a community drop- in-center to promote cohesion and collective action to reduce stigma and discrimination.

Title: Dyadic-Based Diagnosis, Care & Prevention for Discordant Couples in Tanzania
Contact: Dr. Michael D. Sweat, sweatm@musc.edu, (843) 876-1800
Description: The primary goal for the proposed study is to examine the feasibility, safety, and impact on improved care and prevention of novel strategies to identify and engage HIV sero-discordant couples in an integrated prevention and treatment intervention.
ONGOING STUDIES

Title: A Phase 2, Efficacy, Safety, and Tolerability Study of ALKS 3831 in Schizophrenia with Alcohol Use Disorder.
Contact: Melissa Michel, michelm@musc.edu, 843-792-1901
Description: This study is designed to evaluate the efficacy, safety, and tolerability of ALKS 3831 in schizophrenia with AUD. ALKS 3831 is a combination of olanzapine, an approved antipsychotic treatment for schizophrenia, and samidorphan, a new medication. Potential subjects for this trial are adults with a diagnosis of schizophrenia and alcohol use disorder (AUD) with a recent change in symptoms. The study will test whether olanzapine with samidorphan will aid in lowering alcohol use for subjects at the same time that the combination of the two drugs lessens side effects of olanzapine such as weight gain.

Title: An Open-label, Long-term, Safety and Efficacy Study of Intranasal Esketamine in Treatment-resistant Depression
Contact: Melissa Michel, michelm@musc.edu, 843-792-1901
Description: The main purpose of this study is to assess the long-term safety, tolerability, and effectiveness of esketamine nasal spray plus a newly initiated oral (taken by mouth) antidepressant in patients with treatment-resistant depression. All patients in this study will be treated with esketamine nasal spray plus a new oral anti-depressant. The new oral anti-depressant will be one of the following approved and marketed oral antidepressants: duloxetine (Cymbalta), escitalopram (Lexapro), sertraline (Zoloft), or venlafaxine extended release (Effexor XR).
****Anticipated to start January 2016

Title: Internet Crimes Against Children: Development of a Typology of Offenders for Use in Prevention, Investigations and Treatment
Contact: Dr. Gregg Dwyer, 843-792-1461
Description: This study is based on the collection and analysis of data from Internet Crimes against Children (ICAC) investigated by ICAC Task Forces in 20+ states. The inferential analysis of perpetrator, victim and offense data and content analysis of Internet chats to solicit children serves to inform the mental health, social services, education and legal fields for use in forensic evaluations, treatment planning, criminal investigations, court proceedings and developing public safety strategies for protecting our communities’ youth. Funded by Office of Juvenile Justice and Delinquency Prevention grant # 2010-MC-CX-4003; joint with the University of So. Carolina.

Title: Protecting Children Online: Using Research-Based Algorithms to Prioritize Law Enforcement Internet Investigations
Contact: Dr. Dwyer, 843-792-1461
Description: Using data from ICAC Task Forces across the U.S. to develop empirically-based algorithms to assist law enforcement in prioritizing cases of: child pornography production over possession/distribution; online luring to meet a minor to commit sexual offenses, over luring restricted to online behavior such as sexual chat or exchanging pornographic images; hands-on sexual offense offenders against children over cases of offenders with no known history. Funded by Office of Juvenile Justice and Delinquency Prevention grant # 2011-MC-CX-0002; joint with University of South Carolina, Johns Hopkins University & University of Ottawa.
Title: Eagle Eye: Validation of computer-based saccade measures as a sensitive, reliable, and freely available biomarker for tracking subtle neurocognitive changes in Parkinson's disease.

Sponsor: Michael J. Fox Foundation
Contact: Jenna Renfroe, PhD.; renfroe@musc.edu ; 843-792-6096
Description: This study aims to validate a computer-based task to enable clinicians and researchers to measure saccades without the cost and complexity of traditional eye-tracking equipment.

Title: Development and standardization of an iPhone-based application for quantitative measurement of the pupillary light reflex in healthy adults and patients with Parkinson’s disease. (iDilate)

Sponsor: Chairs Departmental Research Foundation
Contact: Jenna Renfroe, PhD; renfroe@musc.edu ; 843-792-6096
Description: This aim of this project is to develop and standardize an application that would allow clinicians, researchers, and community-based safety personnel (e.g., police and EMS) to obtain quantitative measurements of the pupillary light reflex, a highly sensitive measure of neurological functioning.

Title: Atomoxetine Treatment for Cognitive Impairment in Parkinson’s Disease (ATM-Cog).

Sponsor: Michael J. Fox Foundation
Contact: Vanessa Hinson, MD, PhD.; hinsonvk@musc.edu ; 843-792-6096
Description: This is a RCT assessing the safety and efficacy of ATM for cognitive impairment in Parkinson’s disease.

Title: Ranger Resilience and Improved Performance on phospholipid bound Omega-3’s (RRIP-3).

Sponsor: Aker Biomarine
Contact: Travis H. Turner, PhD; turnertr@musc.edu ; 843-577-5011 x5192
Description: This is a RCT examining whether supplementation with phospholipid bound omega-3 improves resiliency to psychophysiological distress in a sample of 400 candidates going through Infantry Basic Officer Leadership Course (IBOLC) and subsequent Ranger training at Ft. Benning. In addition to grades from IBOLC and success/failure in Ranger training, a number of neuropsychiatric measures are included as outcome and mediator/moderator variables.

Title: Better Resiliency Among Veterans and Non-Veterans with Omega-3’s (BRAVO)

Sponsor: Congressionally Directed Medical Research Program.
Contact: Samantha Wise ; wissa@musc.edu ; 843-792-2425
Description: This RCT seeks to determine if dietary supplementation with omega-3 HUFAs reduces the risk for serious suicidal behaviors in an at-risk clinical population. Changes in cognitive processes specific to suicide risk are evaluated, including implicit associations, response inhibition and sustained attention.
**ONGOING STUDIES**

**Title:** Effect of Pregnenolone on Cue-Reactivity in Marijuana-Dependent Individual.  
**Contact:** Lisa Nunn, jenkinli@musc.edu, 792-0476  
**Description:** This study explores the impact of an oral medication, pregnenolone, on drug craving following exposure to marijuana cues. Participation consists of a screening visit and one study session.

**Title:** Neural Substrates of Emotion: Impact of Cocaine Dependence  
**Contact:** Lisa Nunn, jenkinli@musc.edu, 792-0476  
**Description:** This study explores the effect of oxytocin on brain activity associated with stress in cocaine dependent individuals. Participation consists of a screening visit and one study session.

**Title:** A Randomized Controlled Trial of Varenicline for Adolescent Smoking Cessation (formal title protocol); Project Quit (nickname)  
**Contact:** Referrals – Team Intake Coordinator; Study Management - Lori Ann Ueberroth, Study Coordinator  
**Contact email:** Referrals – smokingstudy@musc.edu; Study Management – ueberro@musc.edu  
**Contact phone number:** Referrals – 792-4097; Study Management – 792-8220  
**Description:** This is a research study to determine if a medication (varenicline) helps young cigarette smokers quit. Smokers aged 14-21 who participate in the study receive medication or placebo and help with quitting during 12 weekly sessions. Smokers under 18 must have parental consent. There is no cost to participate and compensation is available to those that qualify.

**Title:** The gender-sex hormone interface with craving & stress-related changes in smoking (formal title protocol); SCOR 3 Nicotine (nickname)  
**Contact:** Referrals – Team Intake Coordinator; Study Management - Lori Ann Ueberroth, Study Coordinator  
**Contact email:** Referrals – smokingstudy@musc.edu; Study Management – ueberro@musc.edu  
**Contact phone number:** Referrals – 792-4097; Study Management – 792-8220  
**Description:** This is a non-treatment study for cigarette smokers ages 18-45, examining gender and reproductive hormone influences on smoking behavior. There is NO requirement that participants be interested in quitting smoking. The study involves 4 clinic visits and compensation is provided for those who qualify.

**Title:** Gabapentin for Relapse Prevention: Alcohol Withdrawal-Brain GABA/Glutamate Effects  
**Contact:** Konstantin Voronin, voronin@musc.edu, 792-4887  
**Description:** This treatment study is an 16-weeks outpatient clinical trial where subjects will get medication, which might help them to reduce or stop their drinking, or a placebo. This study will recruit and randomize subjects who have expressed an interest in receiving treatment for alcohol dependence. Upon enrollment into this study there will be 11 outpatient visits. Each visit will last about 1-1.5 hours.
Title: Impulsivity and Drinking/Craving: Effect of a Dopamine Stabilizer Medication
Contact: Mark Ghent, ghent@musc.edu, 792-1222
Description: This non treatment study investigates the effects of a medication in response to alcohol. Individuals (ages 21-40) who complete the study will be paid for their participation. This study does not involve alcohol treatment.

Title: Acceptability and feasibility of the remote monitoring of smoking and relapse in adolescents
Contact: Taylor York, york@musc.edu, 843-792-0493
Description: This is a research study that will test a new remote monitoring technology to assess smoking in the natural environment among adolescents and young adults ages 15-25. After assessment and inclusion in the study, participants will be asked to carry two devices (smartphone and a device to assess how much they are smoking) with them for 11 days and answer questions about their smoking, mood, surroundings, etc. Participants will also be asked to make a brief quit attempt lasting for approximately 48 hours. There is no cost to participate and compensation is available to those who qualify. Remote monitoring technology has the potential for fewer clinic visits and a better understanding of smoking among adolescents and young adults.

Title: A novel approach to reduce the use, misuse and abuse of prescription opioids in pregnancy
Contact: Connie Guille, guille@musc.edu, 843-792-6489
Description: The aim of this study is to gather feedback from pregnant women using prescription opioids who participate in a Cognitive Behavioral Therapy for Chronic Pain program for the reduction of use, misuse and abuse of prescription opioid medication(s).

Title: Adverse early childhood experience and risk for poor obstetric outcomes in African American women
Contact: Connie Guille, guille@musc.edu, 843-792-6489
Description: The aim of this study is to investigate the impact of early childhood adversity on a laboratory stressor and risk for poor obstetric outcomes.

Title: Testing a Promising Treatment for Youth Substance Abuse in a Community Setting
Contact: Dr. Scott W. Henggeler, henggesw@musc.edu, (843) 876-1800
Description: The overriding purpose of the proposed randomized trial is to examine the effectiveness of a promising outpatient treatment of adolescent substance abuse delivered in a community-based treatment setting.

Title: Family-Based Treatment for Parental Substance Abuse and Child Maltreatment
Contact: Dr. Cynthia C. Swenson, swensocc@musc.edu, (843) 876-1800
Description: The purpose of this randomized controlled trial is to examine the effectiveness of the Building Stronger Families Model versus standard services in Connecticut for physically abused and/or neglected children whose parents are experiencing severe substance abuse. The study is being implemented through a community based mental health provider. Key outcomes under examination include child behavior, parent behavior, family relations, parent to child violence, reabuse, placement, and parental substance abuse.
**ONGOING STUDIES**

**Title:** Positive Psychotherapy to Improve Autonomic Function and Mood in ICD Patients

PAM-ICD Trial (NCT02088619)

*Contact:* Dr. Lily Christon (Project Coordinator); Dr. Eva Serber (PI)

*Contact email:* pam-icd@musc.edu

*Contact phone number:* 843-792-0625

*Description:* This study is a randomized clinical trial of a positive-emotion focused cognitive-behavioral therapy intervention (Quality of Life Therapy) vs. a heart healthy education intervention among patients with implantable cardioverter defibrillators (ICD), with the primary aim of feasibility and acceptability of QOLT in ICD patients. Secondary aims include obtaining effect size estimates of QOLT on frequencies of arrhythmia episodes and ICD-delivered therapies, parasympathetic activity and regulation, and QOL and psychosocial constructs. Recruitment: patients of MUSC Cardiology

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**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.

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**Title:** Integrative Risk Reduction and Treatment for PTSD and Teen Substance Use Problems

*Contact:* Liz McGuan, mcguan@musc.edu, 843-792-8361

*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.

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**Title:** Investigation of safety and efficacy of once-daily semaglutide in obese subjects without diabetes mellitus

*Contact:* Suzanne Kuker, kuker@musc.edu, 792-5427

*Description:* This study seeks to determine whether semaglutide, will help non-diabetic people who are obese to lose weight over one year. Participants will be randomly assigned to receive 1 of 5 doses of semaglutide, liraglutide or an inactive placebo and will be enrolled in the study for 59 weeks. The primary measure will be weight change and other measures will include health factors related to obesity such as blood sugar control, blood pressure, and cholesterol. The safety of the drug for weight loss will also be studied.
ONGOING STUDIES

Title: Rivastigmine Patch in Veterans with Cognitive Impairment Following Traumatic Brain Injury
Contact: Katy Donovan donova@musc.edu (843) 724-2945
Description: In light of the significance of memory deficits in persons with Traumatic Brain Injury (TBI), and the strong relationship between posttraumatic memory impairments and posttraumatic cholinergic dysfunction, this study examines the efficacy and safety of cholinesterase inhibitor rivastigmine (transdermal patch), an intermediate-acting cholinesterase inhibitor, in Veterans (ages 19 – 65 years old) suffering from posttraumatic memory impairment following TBI in a multicenter, randomized placebo controlled 26-week trial.

Title: Apathy in Dementia Methylphenidate Trial 2 (ADMET 2)
Contact: Olga Brawman-Mintzer, MD mintzer0@musc.edu; (843) 724-2945
Description: Apathy in Dementia Methylphenidate Trial 2 (ADMET 2) is a Phase III, placebo-controlled, masked, 6 month, 10-center randomized clinical trial sponsored by National Institute of Aging involving 200 participants with Alzheimer's disease (AD). ADMET 2 is designed to examine the efficacy and safety of methylphenidate as treatment for clinically significant apathy in AD participants. ADMET 2 will enroll participants from real world settings such as outpatient, nursing home, and assisted living facilities and will examine the effects of methylphenidate on apathy and cognition. ADMET 2 will also conduct careful safety monitoring.
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