Dr. Craig has been on faculty in the Department of Psychiatry and Behavioral Sciences since 2008, and works primarily as a nursing home consultant in several local nursing homes. She also travels to Walterboro twice a month to evaluate and treat patients at the Veterans Victory House Nursing Home. In addition, Dr. Craig works on the Senior Care Unit in the IOP and shares an attending role in the Geriatric Psychiatry Clinic. Dr. Craig is involved in training geriatric psychiatry fellows by both lecturing and supervising in clinic and nursing home settings. Her clinical interests include the diagnosis and treatment of dementia and caring for elderly patients with mood, anxiety and psychotic disorders.

Dr. Craig grew up in Atlanta, but spent time each summer on Sullivan’s Island where her family had a beach home. She fell in love with Charleston, and moved here after graduating from college at the University of California, San Diego. She attended medical school at MUSC, and completed psychiatry residency at UNC Chapel Hill. She returned to Charleston to do a fellowship in geriatric psychiatry in 2006.

Dr. Craig lives in Mount Pleasant with her husband, son and daughter, and a menagerie of pets. Outside of work she enjoys yoga, paddle boarding, and spending time with family and friends.
FACULTY MEETING
The next Faculty meeting will be held on Tuesday, October 20, 2015, from 12-1pm in the IOP auditorium. Dr. Pat Cawley will be presenting. All are encouraged to attend.

TOWN ALL
Please join us Monday, October 19, 2015, for our Town ALL from 2-3pm in the IOP auditorium. Dr. Kevin Gray will be giving a brief presentation on the Child and Adolescent Psychiatry Division. Feel free to email your questions that you want addressed prior to the next Town ALL to psychall@musc.edu. If you are unable to join us live, we are now streaming Town ALLs at https://connect.musc.edu/psychiatry.

KUDOS/WINS
• Dr. Leilani Lee was selected to be a member of the College of Medicine Professional Standards Subcommittee.
• Dr. Baron Short took part in an interview with Paul Christo, host of Aches and Gains, on Sirius XM.

NURSING EMPLOYEES
The new breast-pump room is available to all MUSC entity employees. The new breast pump room demonstrates MUSC's support for breast-feeding employees. It is located down the hall from the first floor entrance to the 2West amphitheater near the back door. The room provides a secure and comfortable space for employees to pump milk for their infants while at work.

A Medela Symphony pump was installed in the pump room for employee use. Employees are encouraged to talk with their managers about using the room before returning to work from maternity leave. Those who desire to use the room are required to sign an agreement to obtain card access. Breast pump kits are required to use the pump and can be obtained from one of the MUSC lactation consultants. Employees may also bring their own pumps for use if they prefer.

Please contact Dean Braddy ext. 2-2261 for more information or to use the breast pump room.
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, November 1st and funding would begin on February 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.
NEW HIRES

New Hires—Institute of Psychiatry:

- Marisa Drake, TA
- Ashana Green, RNII
- Chandler Hicks, TA
- Amber Huger, RNII
- Latisa Stanley, PARR
- Ashley Waring, TA
- Sheri Carvalho, MSW
- CoDanielle Green, TA
- Bernice Ladson, RNII
- Joeshop Rowe, RNI (New Graduate)

SERVICE AWARDS

30 YEARS:

- Pam Thompson

20 YEARS:

- Phillippe Cunningham, PhD
- Mark George, MD
- Rochelle Hanson, PhD
- Louise Haynes
- Matt Koval, MD
- Susan Sonne, PharmD
- Gwen Jones

10 YEARS:

- Sudie Back, PhD
- Jeff Borckardt, PhD
- Kevin Gray, MD
- Lisa Nunn
- Liz Puca
FACULTY MEETINGS

All faculty members are expected to attend Faculty Meetings. Faculty Meetings are held quarterly from 12-1pm in the IOP Auditorium. Attendees are eligible to win $1,000 incentive to be used for dues, subscriptions, memberships in professional societies, educational purposes, etc.

2016 FACULTY MEETING DATES:
January 19, 2016
April 19, 2016
July 19, 2016
October 18, 2016

PRESENTATIONS

Dwyer, RG. (2015, October). What Distinguishes Actively Traded Child Pornography Cases? Presentation in the symposium “Child Pornography Offending: Results from the National Center for Missing and Exploited Children” by M Seto (chair), C. Buckman, RG Dwyer and E Quayle at the 34th annual Research and Treatment Association for the Treatment of Sexual Abusers conference, Montreal, Canada.


<table>
<thead>
<tr>
<th>PI Name</th>
<th>Title</th>
<th>Application Type</th>
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<tbody>
<tr>
<td>Rachel Anderson</td>
<td>The Role of Dynorphin and Kappa Opioid Receptors in Stress Effects on Ethanol Dependence-Related Escalated Drinking</td>
<td>Non-Competing Continuation</td>
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<tr>
<td>Raymond Anton</td>
<td>NIAAA Human Laboratory Paradigm: Task Order No. 1 &quot;Core Function Activities&quot;</td>
<td>New</td>
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<tr>
<td>Kathleen Brady</td>
<td>The Southern Consortium Node of the Clinical Trials Network</td>
<td>Competing Continuation</td>
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<tr>
<td>Kathleen Brady</td>
<td>The Southern Consortium Node of the Clinical Trials Network (ACCENT Protocol CTN-0053)</td>
<td>Supplement</td>
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<tr>
<td>Kathleen Brady</td>
<td>Building Interdisciplinary Research Careers in Women's Health at MUSC (Administrative)</td>
<td>Non-Competing Continuation</td>
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<tr>
<td>Kathleen Brady</td>
<td>Building Interdisciplinary Research Careers in Women's Health at MUSC (Scholar)</td>
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<tr>
<td>Kathleen Brady</td>
<td>South Carolina Clinical &amp; Translational Research Institute (SCTR) 2015 - UL1</td>
<td>New</td>
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<tr>
<td>Kathleen Brady</td>
<td>South Carolina Clinical &amp; Translational Research Institute (SCTR) 2015 - NEXUS</td>
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<td>Matthew Carpenter</td>
<td>The Southern Consortium Node of the Clinical Trials Network</td>
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<tr>
<td>Matthew Carpenter</td>
<td>The Southern Consortium Node of the Clinical Trials Network (ACCENT Protocol CTN-0053)</td>
<td>Supplement</td>
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<tr>
<td>K. Michael Cummings</td>
<td>National Longitudinal Study of Tobacco Use (NLSTU)-Option Period 4</td>
<td>Non-Competing Continuation</td>
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<tr>
<td>Kevin Gray</td>
<td>Translational Neuropsychopharmacology Research of Nicotine Addiction</td>
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<tr>
<td>Connie Guille</td>
<td>Childhood Adversity, Stress-Reactivity and Risk of Poor Obstetrics Outcomes in African American Women</td>
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<tr>
<td>Rochelle Hanson</td>
<td>Program on Adolescent Traumatic Stress: PATS (with F2 Supplement)</td>
<td>Non-Competing Continuation</td>
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<tr>
<td>James Prisciandaro</td>
<td>Neuroimaging Mechanisms of Overlap Between Alcoholism and Bipolar Disorder</td>
<td>Non-Competing Continuation</td>
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<tr>
<td>Joseph Schacht</td>
<td>Neural Connectivity and the Transition to Alcohol Dependence</td>
<td>Competing Continuation</td>
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<tr>
<td>Michael Sweat</td>
<td>Phase II RCT of Comprehensive Triage HIV Prevention: Tanzania (Supplement)</td>
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<tr>
<td>Michael Sweat</td>
<td>Synthesizing HIV Behavioral Intervention Effectiveness in Developing Countries</td>
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<tr>
<td>Sweat, Michael David</td>
<td>Dyadic-based Diagnosis, Care, &amp; Prevention for HIV Discordant Couples in Tanzania</td>
<td>New</td>
</tr>
</tbody>
</table>
SELECTED PUBLICATIONS


Adkison SE, O'Connor RJ, Bansal-Travers M, Cummings KM, Rees VW, Hatsukami DK. Validation of a Measure of Normative Beliefs About Smokeless Tobacco Use. Nicotine Tob Res. 2015 Jul 17.

SELECTED PUBLICATIONS


Smothers CT, Szumlinski KK, Worley PF, Woodward JJ. Altered NMDA receptor function in primary cultures of hippocampal neurons from mice lacking the Homer2 gene. Synapse. 2015 Oct 1.

The MUSC Center for Global Health and the Department of Public Health Sciences are very excited to be co-hosting a two-day global and public health symposium November 3–4, 2015. The event will be held on campus in the Drug Discovery Auditorium. Below is a flyer about the event, and the full program can be found online. The two-day event will feature keynote speaker Dr. Michael Merson, Director of the Duke Global Health Institute, as well as panels, presentations and debates with more than 40 presenters from around the world including Croatia, Tanzania, India, Kenya, Ethiopia and the Ivory Coast. To register, email swigart@musc.edu
Please join us for a

Holiday Luncheon
Tuesday, December 15
11:30am-1:00pm
IOP lobby

Please RSVP by December 7 to mulhollk@musc.edu. You MUST RSVP to attend the luncheon. Those attending are encouraged to bring a side dish or a dessert to share. Please email mulhollk@musc.edu if you plan to bring a side dish or dessert.
The CIPS (Central Inpatient Programming Service) at Institute of Psychiatry will be hosting CARNIVAL WEEK in the IOP park area for their inpatient units. It will take place on Nov 3rd, 4th and 5th. The carnival will include popcorn, game stations, prizes, festivities, face painting, pet therapy and much more.....

The committee is looking for 2 types of volunteers:
1. Anyone who would like to donate their special “Carnival” talents for 30-60 minutes on each or any carnival day. (i.e. clown, juggling, balloon figures, card tricks, etc.) and
2. Volunteers are needed to man the game stations and popcorn station. Please let us know if you can help in any way!

Please contact Jamie Lupini if you would like to help or if you have any questions.
Please include your work unit/location in your reply to Jamie.
Jamie Lupini, OTR/L: lupinijm@musc.edu, office 2-2194, beeper #11175

YOU’RE INVITED

Department of Psychiatry and Behavioral Sciences & Institute of Psychiatry Faculty, Staff, Residents, & Trainees Appreciation Gathering

Sunday, November 1, 2015
12-3pm
The Alley
133 Columbus Street Charleston

Live Music: Plane Jane
Free Bowling
Discounted Food and beverages
Children welcome
MUSC Psychiatry Residency

*By Reputation*

26th Nationally (26/~180)
9th Nationally (for large public Hospitals 9/~180)

*By Reputation*

6th in the South (6/~50)
4th in the South (for large public Hospitals)

GRAND ROUNDS
OCTOBER 2, 2015

**DIAGNOSING & MANAGING DEPRESSIVE EPISODES IN THE DSM-5 ERA**

**ACTIVITY PURPOSE:** This activity is designed to provide education pertinent to the diagnosis and management of depression with mixed features, as outlined in DSM-5.

**ACTIVITY DETAILS:**

Friday, October 2, 2015
12:00 pm - 1:00 pm
Medical University of South Carolina
Department of Psychiatry and Behavioral Sciences
Institute of Psychiatry Auditorium
37 President Street
Charleston, SC 29425

**SPEAKER:**
John L. Bryson, MD
Director, Duke Mood and Anxiety Disorder Clinic
Department of Psychiatry
Duke University Medical Center
Durham, NC

**REGISTER ONLINE:**
www.patan.com/PClubtimes

**TENTATIVE MEETING AGENDA:**
Presentation | 45 minutes
Q&A Session | 10 minutes
The Clinical Neurobiology Lab (CNL) has been accredited for another two years by the College of American Pathologists (CAP). This also affords it continued CLIA certification reflecting the highest standards of laboratory performance. The director of the Department’s CNL, Dr. Ray Anton, would like to acknowledge the hard work and dedication of our laboratory manager Ms. Emily Leonard and its hard working, and client oriented staff, Ms. Lorie Blakeley, Ms. Yeongbin Im, and Ms. Scarlett Ryan. The attention to the performance of the highest quality
15th Annual
Social Work Conference

Challenges for a Wounded Community

Social workers regularly interact with a diverse group of clients with individual needs and unique challenges. Join us this year for one full day of education and networking as we study how a wounded community responds to challenges resulting from traumatic events.

Registration fee includes all conference materials, CE credit processing as well as breakfast, lunch and snacks. Early registration ends September 30.

For online registration and more information: www.musc.edu/psychevents
Questions call (843) 792-0175 or e-mail psych-events@musc.edu

Art Therapy
Clinical Response Post Community Trauma

MUSC College of Nursing Building | Friday, November 20, 2015 | 8:30am - 4:30pm
Online registration: www.musc.edu/psychevents

Art Therapy assists with neuroplasticity, or the actual healing of the brain, by creating different avenues to explore issues that may not come up in traditional therapy.

During this hands-on, active learning workshop, the Presenter will share knowledge gained assessing and engaging a community in the aftermath of a horrible massacre.

Workshop participants will learn about the benefits of Art Therapy and non-verbal healing processes and how to apply this type of intervention in their own practice and within their own communities.

Presented by:
Nicole Porter Wilcox, ATR-BC, LPC, LOAT
Art Therapist, Artist & Community Response Advocate
Brooklyn, NY

Registration Fees:

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<th>Category</th>
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<td>MDs</td>
<td>$185</td>
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<td>All Other Providers</td>
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<td>Students &amp; Trainers</td>
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* MD fee includes $35 CME processing fee.

CME/CE credits available
Contact: psych-events@musc.edu or (843) 792-0175
Visit our website for information on all one Continuing Education Events: www.musc.edu/psychevents
Motivational Interviewing (MI) is a collaborative conversation style for eliciting and strengthening a person’s own motivation for change.

It is an evidence based, guiding method of communication, which has been shown to be successful in research methodologies.

People are more likely to make changes if they perceive that they have control and choice; MI is a language that draws upon the patient’s own expertise for solutions.

This exciting, interactive one-day training brings together healthcare professionals with an interest in increasing patient engagement and empowering lasting behavior change.

Presented by:
Sarah S. Gainey, MSW, LISW-CP
Women’s Research Center
Department of Psychiatry and Behavioral Sciences
Medical University of South Carolina

Registration Fees:

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* MD Fee includes $35 CME processing fee.

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
To donate to the MUSC Psychiatry walk, visit
http://afsp.donordrive.com/index.cfm?fuseaction=donorDrive.team&teamID=92239
**ONGOING STUDIES**

**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 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: 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.

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: 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.

Title: Investigation of safety and efficacy of once-daily semaglutide in obese subjects without diabetes mellitus
Contact: Suzanne Kuker, kuker@musc.edu, 873-5427
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: 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.
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: veteranpainsc@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: rTMS for Adolescent Depression -- upcoming in the next couple weeks
Contact: Annabel Franz, franza@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, franza@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, franza@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: 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-malingerers”). In the last decade, direct examinations comparing the characteristics of competency defendants suspected of malingering versus non-malingerers, 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: 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.
**ONGOING STUDIES**

**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.