MUSC Psychiatry
Chair Update
December 2014

Thomas W. Uhde, MD
Department of Psychiatry and
Behavioral Sciences & Institute of
Psychiatry
Jennifer is a native of Charleston and has worked in the Institute of Psychiatry for 9 years. She’s the Data Coordinator for the Department of Psychiatry and the Mental Health Service Line. She generates and compiles charge and collection data, clinic scheduling data, and patient data. She maintains a faculty database capturing compensation, incentives, national rankings, appointments and grants.

She’s created a website and several electronic, web-based forms to help automate inpatient, outpatient, and faculty procedural workflows. She serves as the IT point for faculty grants, and is also the Effort Report Liaison for the Department.

**Favorite Food:** French fries

**Most played song on my iPod:** ‘Atlantic City’ by Bruce Springsteen if I’m feeling mellow, ‘Tramp’ by Otis Redding if I need a laugh ;)

**Favorite Quote:** “Whenever you find yourself on the side of the majority, it is time to pause and reflect” – Mark Twain

**Love about Charleston:** the restaurants!

**Something people might not know:** I’m a competitive horse-back rider. My daughter Madeline and I spend most of our free time being barn bums
Dr. Gros completed his Honors B.S. in Psychology at Virginia Commonwealth University and his M.A. and Ph.D. in clinical psychology at the University at Buffalo. He completed his clinical psychology internship at the Charleston Consortium in 2008. Upon completion of his internship, Dr. Gros was hired as a Staff Psychologist at the Ralph H. Johnson (RHJ) VAMC and joined the Department of Psychiatry and Behavioral Sciences as an Assistant Professor. Dr. Gros has been central in advancing evidence-based psychotherapeutic practices at the RHJ VAMC, including creating/directing two very successful psychotherapy clinics within the hospital. Dr. Gros also has been an active supervisor within the Charleston Consortium Internship Program and an active research collaborator with several faculty within the department. Dr. Gros currently is the Supervisory Psychologist of the Primary Care – Mental Health Integration program and CBT Clinic for Emotional Disorders at the RHJ VAMC and an Associate Professor in the Department of Psychiatry and Behavioral Sciences at MUSC (beginning January 2015). The main focus of Dr. Gros’s research is the development, investigation, implementation, and dissemination of transdiagnostic assessment and treatment practices. To compliment these interests, Dr. Gros has been successful in creating his own transdiagnostic assessment tools and psychotherapy protocols. Of particular note, Transdiagnostic Behavior Therapy (TBT), a brief evidence-based protocol for patients with any of the depressive and/or anxiety disorders developed by Dr. Gros at the RHJ VAMC, has received a lot of attention in the research community with the initial findings published in Psychiatry Research. Dr. Gros’s work on TBT also resulted in the award of a Clinical Science Research and Development VA Career Development Award (VA’s K-Award) that involves a randomized controlled trial comparing the efficacy of TBT to an established evidence-based psychotherapy in veterans with affective disorders. When Dr. Gros not at the RHJ VAMC/MUSC, he enjoys spending time with his 4 year old son, playing and watching ice hockey, and woodworking and other home improvement related projects.
Dr. Carrie Randall was recently recruited back to MUSC after a brief two-year retirement to serve as the Interim Director of the new Addiction Sciences Institute in the Department of Psychiatry and Behavioral Sciences. Dr. Randall was on the MUSC faculty for 36 years and holds the title of Distinguished University Professor with dual appointments in the Department of Psychiatry and Behavioral Sciences and in the Department of Neurosciences. She also was a Research Career Scientist at the Ralph H. Johnson Veterans Affairs Medical Center for 14 years. Dr. Randall earned her B.A. in Psychology from Kent State University, and an M.S. and Ph.D. from Rutgers University in the area of psychobiology. Her postdoctoral training was done in Neuroscience at the University of Florida. She has over 150 peer-reviewed research publications/book chapters, and she has presented her research findings around the world.

For over 15 years Dr. Randall served as the Director of the NIH-funded Charleston Alcohol Research Center, one of the only NIAAA Centers that has a translational research focus related to alcohol treatment. She also served as initial co-Director of MUSC’s NIDA-sponsored Women’s Research Center with the theme of gender differences in relapse to drug abuse.

She won many prestigious awards throughout her academic career including the Henry Rosett Award for her contributions to fetal alcohol syndrome research, the Research Society on Alcoholism’s Distinguished Research Award, and the Mark Keller Award bestowed by the NIAAA for significant and long-term contributions to the field of alcohol abuse and alcoholism research. She is unique in that she was recognized at a national level for both her basic science as well as her clinical research. Dr. Randall served in various leadership positions in the Research Society on Alcoholism, and she served at the national level as a NIH grant reviewer and an NIAAA national advisory council member.

Dr. Randall played a significant role in stimulating the growth of addiction research, training/education, and clinical care at MUSC. She served as organizer of the Substance Abuse Interest Group, initiated in 1980, was the first training director for the NIAAA and NIDA T32 institutional pre/postdoctoral training grants, was instrumental in acquiring a construction grant from NIDA to build the Center for Drug and Alcohol Programs (CDAP) on the 4th and 5th floors of the Institute of Psychiatry in 1994, and she served as CDAP’s founding Director. Novel for its time, CDAP incorporated research (clinical and basic science), clinical care, and training in geographically contiguous space and embraced an interdisciplinary and translational philosophy. In addition to her research accomplishments, Dr. Randall has a long history as a mentor and has helped develop careers of many of the MUSC faculty who have become national/international experts in the substance abuse field and/or who hold top administrative positions at MUSC. Given her relevant administrative and research experience in the addiction field, her national reputation, and her success as a mentor of postdoctoral fellows and junior faculty, Dr. Randall is ideally suited to be the Interim Director of the new, broader, potentially university-wide Addiction Sciences Institute being created in the Department of Psychiatry and Behavioral Sciences.
It is time for the New Year kick-off! The Addiction Sciences Division, a division that blends and consolidates the former Center for Drug and Alcohol Programs (CDAP) and the Clinical Neurosciences Division (CND), into a single division referred to as Addiction Sciences, is having its first faculty meeting on January 22, 2015. The department’s vision for the new Addiction Sciences Division is to functionally consolidate alcohol, drug, and possibly other types of addiction research, training, and clinical care under a single administrative structure. This process is being achieved in steps.

With the functional integration of administrative operations (Step 1) already begun by the previous leadership team over the past 18 months (Drs. Raymond Anton, Aimee McRae-Clark, Matt Carpenter, and Bob Malcolm), I recently had the pleasure to appoint the founding Director of CDAP, Dr. Carrie Randall, to be the Interim Director of the newly launched Addiction Sciences Division (Step 2). Dr. Randall brings to the position more than 38 years of experience in addiction science research, training, and leadership, locally, nationally, and internationally. Dr. Randall’s goals over the next year will be to work with the excellent administrative team to complete the functional integration of administrative and fiscal activities, to integrate the faculty, staff, and trainees into a cohesive division and, consistent with her passion for mentoring, to put an emphasis on career development of the Addiction Science junior faculty.

The next step (Step 3) in the process will be to appoint a search committee to identify and recruit nationally for a permanent director. The permanent director will take the baton from Dr. Randall. The long-term vision (Step 4) is for the permanent director to consolidate all addiction sciences efforts, not just in the Department, but, ideally from my perspective, throughout MUSC by forming an Addiction Science Institute. Nationally-recognized addiction science expertise already exists in Neuroscience, the Hollings Cancer Center, and the Ralph H. Johnson VA Medical Center, but there are impressive untapped opportunities for even broader expansion in other Colleges and programs. Campus-wide consolidation of all substance abuse activities, including clinical care, would make MUSC one of the only institutions that, under a single umbrella, could go from the bench to the bedside, from the bedside to the community, and from the community to the nation with the latest advances in substance abuse treatment. This is truly an exciting time for Addiction Sciences!
Please join us for a

Holiday Luncheon

Tuesday, December 16

11:30am-1:00pm

IOP lobby

Please RSVP by December 5 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.
KUDOS/WINS

• The Central Inpatient Programming Service (CIPS) hosted Carnival Week in the IOP park area from October 28-30. I would like to thank the members of the CIPS team including Jamie Lupini (carnival founder), Robert Raynor, Holly-Ann Boyle, Lauren Lavalle, Jessica Jones, Victoria Ryan and Lauren Porter. Thank you, also, to the following individuals throughout the MUSC community for donating their time to assist at the carnival: Bryan Counts, Terri Beale, Sandra Belton, Pamela and Keith Brown, Wanda Brown, Jeff Cluver, Deb Cody, Harriet Cooney, Cheri Demarchi, Tonya Henderson, Liz Holmes, Lyndsey Huffman, Cheryl Lawrence, Karen McHugh, Pamela McManus, Alison Meeks, Carrie King, Tara Novit Thomas, Jessica Norton, Catie Park, Alison Parson, Steve Poirier, Patrick Riley, Nyashia Smith, Corigan Smothers, Stephen Somerville, Kelley Teague, Dawn Vocolina, Debra Wallace, Sandy Wilson, Gene Woodall, and Michelle Zapanta.

• Gregg Dwyer was an invited faculty member for the North Carolina Law Enforcement 6th Post Critical Incident Seminar. The seminar is for those who have experienced traumatic events such as shootings, line of duty deaths, traffic accidents, extraordinary crimes/scenes, etc.

• Colleen Hanlon was accepted as an associate member in the American College of Neuropsychopharmacology (ACNP)

• Gregg Dwyer was an invited speaker at the annual Continuing Legal Education Ethics and Mental Health training, sponsored by the SC Office of the Attorney General. He presented, “Attorneys Under Stress: Understanding Reactions and Coping”.

BLOOD DRIVE

There will be an IOP Blood Drive TOMORROW, Friday, 12/19. Andolini’s Pizza will be available for all donors.

There are plenty of donation spots available between 11:00am-12:15pm, and 1:00-3:00pm. Contact Bonnie Jones (jonesb@musc.edu) or 792-6341 to sign up.

Give a life-saving gift this holiday season!
For anyone who is requesting promotion or tenure effective January 1, 2016, all promotion and tenure requests must be received in the Chairman’s office no later than February 9, 2015, in the form of complete packets accompanied by a letter of recommendation from your Division Director. Packets with checklists, requests for materials, and forms specific for regular and modified faculty have been developed to make the submission process more straightforward. Packets are available on the College of Medicine’s website. Follow this link: [http://academicdepartments.musc.edu/com/faculty/apt/musc/index.html](http://academicdepartments.musc.edu/com/faculty/apt/musc/index.html). The letter of recommendation from your Division Director must follow appendix 2 in the COM APT guidelines. Division Director letters should include the following paragraphs: introductory, education, research if applicable, scholarly publications, clinical practice if applicable, administration, and other activities and accomplishments. If you have any questions, please contact Kristen Mulholland mulhollk@musc.edu.

**SPRING CYCLE FOR PROMOTION & TENURE**

For anyone who is requesting promotion or tenure, all promotion and tenure requests must be received in the Chairman’s office no later than February 9, 2015, in the form of complete packets accompanied by a letter of recommendation from your Division Director. Packets with checklists, requests for materials, and forms specific for regular and modified faculty have been developed to make the submission process more straightforward. Packets are available on the College of Medicine’s website. Follow this link: [http://academicdepartments.musc.edu/com/faculty/apt/musc/index.html](http://academicdepartments.musc.edu/com/faculty/apt/musc/index.html). The letter of recommendation from your Division Director must follow appendix 2 in the COM APT guidelines. Division Director letters should include the following paragraphs: introductory, education, research if applicable, scholarly publications, clinical practice if applicable, administration, and other activities and accomplishments. If you have any questions, please contact Kristen Mulholland mulhollk@musc.edu.

**DROP-IN TOWN ALL**

Our next Drop-in Town ALL will be held Monday, December 15 from 2-3pm in the IOP auditorium. During drop-in Town ALL’s an open forum will be held for those individuals who have questions or issues that need to be addressed. Members of the Administrative Leadership Committee of the Departmental Council will be on hand to answer any questions you have during the drop-in open forum. Please contact [psychall@musc.edu](mailto:psychall@musc.edu) if you have any questions.
PSYCHIATRIST POSITION AVAILABLE

The Psychiatry Hospitalists Division is recruiting for a part or full time psychiatrist. The candidate must be an MD or DO that is board-certified or board-eligible in psychiatry, and eligible for South Carolina medical licensure. The candidate will be responsible for providing psychiatric services in a general adult inpatient treatment setting, leading a multidisciplinary team on a general adult inpatient unit. Candidate will also be involved in the education of students and residents in this setting. There is an opportunity for part time work in an adult/geriatric intensive outpatient program.

If you are interested and would like more information, please contact Dr. Jeff Cluver, Director of the Psychiatry Hospitalists Division, at cluverj@musc.edu


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<td>Mindfulness-Based Recovery in Veterans with Substance Use Disorders: IPA for Sarah Gainey</td>
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This is a unique opportunity to support the Department of Psychiatry and Behavioral Sciences and Institute of Psychiatry. The event is co-sponsored by the department and Holy City Brewing.

HOPEFUL HOLIDAYS GIFT DRIVE
For the children of the IOP • ages 5-17

SATURDAY, DECEMBER 13th
12:00-8:00pm
HOLY CITY BREWING TAP ROOM
4155 Dorchester Road

Consider bringing an unwrapped gift (toys, games, gift cards, electronics, gloves, etc.) that does not depict violence

• PICS WITH SANTA •
• LOCAL FOOD TRUCKS •
• CHRISTMAS-THEMED BEVERAGES •
• GIFT DRIVE FOR OUR YOUNG PATIENTS •
Mindfulness Strategies in Clinical Practice

Friday, February 20 | 8:30 am - 4:30 pm | MUSC Bioengineering Building

“If you want to conquer the anxiety of life, live in the moment, live in the breath.”
--Amit Ray

Many people struggle daily with worry, depression, anxiety, and anger, keeping them from living a value driven life in the present moment. A growing body of research indicates that mindfulness and training in compassion can reduce these psychological ailments as well as help to modulate emotional responses. This workshop will provide an explanation of the basic principles of mindfulness practice in order to help behavioral health providers in their own daily lives and their clinical work with clients. Through lecture and experiential activities, participants will learn how to observe thoughts without being caught up in them, be more fully aware of their surroundings, and welcome emotion.

Presented by:
Alyssa A. Rheingold, PhD
Associate Professor
Department of Psychiatry and Behavioral Sciences
Medical University of South Carolina

Registration Fees:
Early Registration: $150  Regular Registration: $175  Late Registration: $200
Now - December 31  January 1 - 31  On or After February 1
Fee includes materials, continuing education credit processing, parking, breakfast, and breaks.

Questions? Call (843) 792-0175 or e-mail psych-events@musc.edu.
For workshop details and to register online, visit musc.edu/psychevents.
The 14th Annual Social Work Conference: Hot Topics in Social Work was held Friday, October 24 at the Daniel Island Club. The department’s largest continuing education conference to date drew more than 280 attendees from around the state and the southeast for a full day of networking and education. Thank you to our planning committee and our speakers for another outstanding program. Based on attendee feedback, we have decided to host a spring Social Work Conference in addition to our regular fall conference. Make sure to save the date – May 22, 2015 – for our next event!

SAVE THE DATE FOR OUR UPCOMING TRAININGS:

Mindfulness Strategies in Clinical Practice
February 20, 2015 | Location: MUSC Bioengineering Building, Rm. 112 | Early Registration Fee: $150

Working with Patients with Anxiety and Panic
March 13, 2015 | Location: MUSC Bioengineering Building, Rm. 112 | Early Registration Fee: $150

DSM-5 Conference
April 10, 2015 | Location: MUSC Bioengineering Building, Rm. 110 | Early Registration Fee: TBD

Spring Social Work Conference
May 22, 2015 | Location: MUSC Bioengineering Building, Rm. 110
Early Registration Fee: $110 | MUSC Employees & Retirees: $80 | BSW/MSW Students: $30

28th Annual Update in Psychiatry: Child and Adolescent Mental Health
June 4 - 6, 2015 | Location: MUSC Bioengineering Building, Rm. 110 | Early Registration Fee: TBD

For additional information or to register for a conference, visit us online at www.musc.edu/psychevents. Questions? Contact us at 843-792-0175 or e-mail psych-events@musc.edu.
The 2015 Recovery Calendar offers a collection of inspiring stories of recovery from people suffering from mental illness.

The calendar includes important mental health dates and events throughout the year, making it a great resource for all human service professionals.

PURCHASE YOUR 2015 RECOVERY CALENDAR!

Price: $10 per calendar
(Make check payable to Mental Health Heroes)

Mail to: 2100 Charlie Hall Blvd., Charleston, SC 29414

# of Calendars: ________

Total Cost: $ __________

Name: __________________________

Email: __________________________

Phone: __________________________

Contact Maureen Phiegar at 843-852-4100 x618 or email her at MAP92@SCDMH.ORG to pick up your copy.

SUPPORT A GREAT CAUSE!

Money raised from the sale of the 2015 calendars goes to Mental Health Heroes, a private non-profit organization in Charleston, SC offering care and support for men, women, and families impacted by mental illness.

Mental Health HEROES

Charleston Dorchester Mental Health Center


www.mhheroes.com
ONGOING STUDIES

A Randomized Controlled Trial of Varenicline for Adolescent Smoking Cessation
This is a 12-week trial of varenicline versus placebo, added to smoking cessation counseling, for smokers ages 14-21.
Phone 843-792-4097, e-mail smokingstudy@musc.edu

Gender, Hormones, and Stress-Related Smoking
This project is designed to examine relationships between gender, reproductive hormones, and smoking behaviors in the laboratory and natural environment.
Phone 843-792-4097, e-mail smokingstudy@musc.edu

ACCENT: Achieving Cannabis Cessation—Evaluating N-Acetylcysteine Treatment
This is a 12-week multisite trial of N-acetylcysteine versus placebo, added to contingency management, for cannabis-dependent adults ages 18-50.
(MUSC is leading the study but is not among the enrollment sites)
Phone 843-792-8894, e-mail accent@musc.edu

Group Motivational Interviewing (GMI) For Homeless Veterans In VA Services
The proposed study will investigate the effectiveness, implementation process, and cost estimate of Group Motivational Interviewing (GMI) for Veterans with SUDs receiving VA housing services. Outcomes will be assessed at multiple time points using a multi-modal approach. The ultimate goal of this research is to establish the basis of a GMI dissemination and implementation course of action for highly vulnerable homeless Veterans in VA housing for achieving their greatest success in attaining housing stability.
Contact: Elizabeth J. Santa Ana, Ph.D., 843-789-7168

Oxytocin in Cocaine Dependence
This is a non-treatment study investigating the effect of oxytocin on stress response and brain activity in response to cocaine cues. Participation involves 6 outpatient visits, including 2 fMRI scans. Cocaine dependent individuals between 18 and 65 years old may be eligible to participate.
Contact: Lisa Nunn, 843-792-0476

Exploring Sex Differences in the Neural Correlates of PTSD: Impact of Oxytocin
This is a non-treatment study investigating gender differences in the effect of oxytocin on neural circuitry related to PTSD. Participation involves 3 outpatient visits, including 2 fMRI scans. Individuals between 18 and 50 years old who experienced traumatic or stressful events in childhood may be eligible to participate.
Contact: Todd LeMatty, 843-792-8179

The Effects of Oxytocin on Couples’ Conflict-Resolution Interactions
The aim of this study is to examine the extent to which oxytocin improves conflict resolution skills and mitigates craving and subjective, physiological, and neuroendocrine reactivity in response to dyadic conflict among couples with substance use problems. Couples will complete a psychosocial assessment and two 10-minute videotaped conflict resolution tasks. Using a double-blind design, both partners within each couple will be randomly assigned to receive either intranasal oxytocin or saline spray. We examine measures of change in each partner’s conflict resolution skills, craving, and subjective, physiological, and neuroendocrine responses to the conflict resolution tasks.
Contact: Dr. Julianne Flanagan, 843-792-5569
Integrated Treatment of OEF/OIF Veterans with PTSD and Substance Use Disorders

In comparison to the general population, U.S. military and Veterans are at an increased risk for developing both substance use disorders (SUD) and Post Traumatic Stress Disorder (PTSD). Current research has shown that there is a high comorbidity of SUD and PTSD, and although there are a number of treatments for SUD and PTSD independently, there are very few effective methods to simultaneously treat both disorders. Because of this substantial gap in the treatment of both SUDs and PTSD, it has become essential to develop a combined treatment that would address and treat both disorders. Individuals, specifically U.S. military and Veterans, with SUD/PTSD have unique needs that require a specialized treatment approach. This designed approach would employ cognitive-behavioral therapy (CBT) to treat the SUD, in conjunction with Prolonged Exposure therapy to treat the PTSD. Prolonged Exposure (PE) is an empirically supported and evidence-based treatment that is currently regarded as the "gold standard" psychosocial treatment for PTSD. In combination with CBT, this treatment would address both disorders in hopes of reducing substance use and PTSD symptomatology.

Contact: Frank Beylotte  843-792-2522 beylott@musc.edu

Laboratory Study of the Influence of Oral Cannabidiol on the Subjective, Reinforcing and Cardiovascular Effects of Smoked Marijuana

Cannabidiol (CBD) is an antagonist at the CB-1 and CB-2 receptors. Pre-clinical work indicates that CBD blocks the actions of tetrahydrocannabinol (THC) and therefore may be an oral candidate for the treatment of marijuana dependence. This Phase 1 human laboratory study seeks to determine the ability of CBD to diminish marijuana smoking and establish further safety information. Subjects will be given oral CBD or placebo to see if marijuana smoking is reduced in a laboratory setting.

Contact: Melissa Michel  843-792-1901

A Pharmacokinetic Comparison of Immediate Release N-Acetylcysteine With extended Release N-Acetylcysteine In Healthy Adults

The specific aim of this research plan is to confirm in human volunteers that the pharmacokinetic characteristics of NAC following administration of the new oral extended release formulation will support once daily dosing in clinical trials involving patient populations. This proposal is to conduct a relative bioavailability study to compare plasma drug concentrations of NAC following a standard immediate release formulation of four 600 mg tablets (single 2400 mg dose) with concentrations from a single administration of six 400 mg dosage forms (2400 mg dose) of the test formulation. Each subject will serve as his/her own control and receive both formulations. The immediate release formulation will always precede the new experimental formulation.

Contact: Melissa Michel  843-792-1901

N-acetylcysteine for Relapse Prevention to Cocaine Use

The purpose of the study is to assess the safety and efficacy of extended release N-Acetylcysteine (NAC) in preventing relapse to cocaine use. Subjects must be abstinent from cocaine use prior to entering into the study. The study has two working hypotheses. First, NAC will decrease relapse to cocaine use, based on multiple time-to-event measures of relapse in a group of cocaine-dependent individuals with at least 7 days of confirmed abstinence from cocaine before medication initiation. Second, the NAC group will show sustained efficacy over placebo in the 4-week follow-up period after medication is discontinued. The rationale for investigating the efficacy of NAC in the treatment of cocaine addiction was initially based on animal data that pointed to perturbations of glutamatergic brain circuitry after chronic operant exposure to cocaine. NAC ameliorated glutamatergic deficits and inhibited cocaine and cue induced reinstatement of cocaine seeking behaviors. Recent preclinical work strongly suggests that NAC will be most effective as a relapse prevention agent after a brief period of abstinence from cocaine.

Contact: Melissa Michel  843-792-1901
**ONGOING STUDIES**

*Vitamin D and Type 2 Diabetes Study (D2d)*  
The goal of the Vitamin D and type 2 diabetes (D2d) study is to determine if vitamin D supplementation works to delay the onset of type 2 diabetes in people at risk for the disease and to gain a better understand how vitamin D affects glucose (sugar) metabolism. Researchers at twenty US sites will enroll people with pre-diabetes (people who have higher than normal blood glucose level but not high enough to meet the diagnosis of diabetes). The study will enroll participants over approximately 2 years and participants will be followed for approximately 4 years. Participants will receive either Vitamin D or a placebo by chance. Participants will take 1 pill a day for the duration of the study. Participants will visit the study site for up to 13 scheduled visits during their participation.  
Contact: Suzanne Kuker 843-792-5427

*Genetic and Brain Mechanisms of Naltrexone’s Treatment Efficacy for Alcoholism*  
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 ( placebo is a capsule that looks the same as the investigational drug, but has no real medication. It is a “sugar pill”). 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.  
Contact: Konstantin Voronin 843-792-2727

*Impulsivity and Drinking/Craving: Effect of a Dopamine Stabilizer Medication*  
MUSC Center For Drug And Alcohol Programs is conducting an alcohol research study investigating 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.  
Contact: Mark 843-792-1222.

*Sleep Research Data Repository (SRDR)*  
The aim of this study is to develop a data warehouse of biological and psychological information related to sleep and sleep disorders. Data being collected include sleep physiological measurements and the results of interviews, questionnaires, and laboratory tests obtained from both healthy subjects and patients with psychiatric and medical conditions, focusing primarily on narcolepsy with cataplexy, recurrent isolated sleep paralysis, and sleep panic. SRDR data will be made available to current and future IRB-approved investigators who wish to investigate sleep across a large spectrum of medical conditions.  
Contact: Kim Leslie 843-792-0403

*Enhancing Disrupted Reconsolidation: Impact on Cocaine Craving, Reactivity & Use*  
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.  
Contact: Amanda Smith 843-792-6984
**ONGOING STUDIES**

*Reducing Smoking Cue Reactivity and Behavior via Retrieval-Extinction Mechanism*

This study will examine the effects of a brief behavioral intervention, retrieval-extinction training, on the cue reactivity and smoking behavior of nicotine dependent participants making a quit attempt. All participants will receive two laboratory-based ‘extinction’ sessions that involve protracted exposure to multiple sequences of smoking cues. Half of the participants will be shown a video containing smoking content prior to extinction and the other half will be shown a video with no smoking content. The smoking video combined with extinction is postulated to alter memories for learning that support smoking cue reactivity and behavior. Therefore, participants shown the smoking video prior to the extinction are expected to exhibit reduced craving and smoking behavior at post-treatment follow-up time points (i.e., 24 hours, 2 weeks, and 4 weeks).

Contact: Amanda Smith 843-792-6984

*Transcranial Magnetic Stimulation (TMS) for Nicotine Smoking Cessation*

TMS administered over the prefrontal cortex in an effort to produce a reduction in nicotine cravings

Contact: Jkeonye Moss 843-876-5141

*TMS in Conjunction with Mood Stabilizers for Bipolar Depression Subjects*

TMS stimulation is deeper in the brain to target neuronal pathways while participants continue moods stabilizer medication

Contact: Jkeonye Moss 843-876-5141

*TMS in Depressed Adolescents*

Noninvasive TMS using magnetic fields to stimulate brain nerve cells affection depression & mood

Contact: Jkeonye Moss 843-876-5141

*TMS in Depression of Adolescents*

TMS will be used to interrupt chronic pain associated with burning mouth syndrome

Contact: Jkeonye Moss 843-876-5141

*Focal Electrically-Administered Seizure Therapy (FEAST) - Unilateral ECT for Depression*

Focalized seizure induced to prefrontal cortex with similar efficacy to traditional ECT

Contact: Will DeVries 843-876-5141

*TMS for treatment of Burning Mouth Syndrome (BMS)*

TMS will be used to interrupt chronic pain associated with burning mouth syndrome

Contact: Jkeonye Moss 843-876-5141

*Integrative Risk Reduction and Treatment for Teen Substance Use Problems and PTSD (RRFT)*

The National Crime Victims Center is offering a therapeutic research program for adolescent victims of sexual abuse/assault that may also use alcohol or other substances to help them cope. Teens and caregivers are matched with a clinician to receive weekly trauma-specific treatment. Compensation is available for time devoted to ongoing research assessments. Therapy: Individual and group trauma-focused treatment options; average length of treatment is 3-4 months. Age Requirements: 13-18

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

*Better Resiliency Among Veterans with Omega-3s (BRAVO)*

The BRAVO study is investigating whether supplementation with omega-3 fatty acids will reduce the risk for medically serious suicidal behaviors, depression, PTSD, and substance abuse in a Veteran population. Volunteers who take part in this study would drink smoothies high in Omega-3 HUFAs three times per day for 6 months. They continue current mental health care and are also seen and evaluated by the BRAVO study 6 times over the 6 month period.

Contact the BRAVO referral line at 888-322-6884 or email: BRAVO@musc.edu
Clinical research for burning mouth syndrome treatment using transcranial magnetic stimulation. Burning mouth syndrome (BMS) is a persistent burning sensation in the mouth without abnormal organic findings. The Brain stimulation lab is now conducting a clinical study of the treatment for BMS using transcranial magnetic stimulation (TMS). BMS is a persistent burning sensation in the mouth without abnormal organic findings. The most affected area is the tongue (tip and lateral borders), with pain often felt in several locations. The oral burning sensation usually increases progressively during the day, reaching a maximum intensity at the end of the afternoon, but patients do not find it difficult to get to sleep. Nearly 60% of patients with BMS complain about the sensation of dry mouth or taste disturbance (bitter/metallic taste). In the literature, 1.3 million Americans may be suffering from this condition, although most people have never heard of it. Though the pathophysiology of BMS has not been fully elucidated, recent studies indicate that BMS is caused by some kind of dysfunction in the central nervous system and may be a variant of a pain disorder, or a form of somatic depression, like fibromyalgia, or something else entirely. It is very common in Japan. Treatment is not fully established, but transcranial magnetic stimulation (TMS) could be a new treatment. TMS is a non-invasive brain stimulation technology that can stimulate the cortex focally and painlessly by creating a time-varying magnetic field. The Brain Stimulation lab, Institute of Psychiatry is conducting a clinical study of treatment for BMS using TMS. If you have burning sensation in the mouth and might be interested in the treatment using TMS, please contact us. If you have friends or family who have this problem, please help us spread the word.

Contact Yoji at umezaki@musc.edu or 843-876-5142.

**Gabapentin for Relapse Prevention: Alcohol Withdrawal-Brain GABA/Glutamate Effects**

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 (placebo is a capsule that looks the same as the investigational drug, but has no real medication. It is a “sugar pill”). 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.

Contact: Konstantin Voronin 843-792-2727.

**Protecting Children Online: Using Research-Based Algorithms to Prioritize Law Enforcement Internet Investigations**

Purpose: Use data from Internet Crimes Against Children task forces across the United States -- offender characteristics, crime characteristics, and online behavior -- to develop empirically-based algorithms to assist law enforcement in prioritizing (1) cases involving production of child pornography over possession/distribution; (2) cases involving online luring for the purpose of meeting the minor to commit sexual offenses, over luring restricted to online behavior such as sexual chat or exchanging pornographic images; and (3) cases involving offenders who have committed hands-on sexual offenses against children over cases involving offenders with no known history.

Contact: Dr. Gregg Dwyer 792-1461

**Internet Crimes Against Children: Development of a Typology of Offenders for Use in Prevention,**

Purpose: This study uses data from Internet Crimes against Children (ICAC) investigated by ICAC Task Forces in multiple states with a focus on perpetrator, victim and offense data and content analysis of Internet chats to solicit children. Results will serve 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.

Contact: Dr. Gregg Dwyer 792-1461
**ONGOING STUDIES**

*Sexually Violent Predators: Psychosocial Characteristics and Treatment Needs of Those Recommended versus those Dismissed by the Multidisciplinary Team during the Civil Commitment Review Process*

Purpose: This study will identify differences between persons recommended for commitment and those dismissed from further consideration during the commitment evaluation process in South Carolina. The results will facilitate treatment planning for committed individuals and more broadly provide a data resource for system management in South Carolina. In addition, results will serve to inform not only the mental health system, but also social services, education and legal fields for use in criminal investigations, court proceedings and developing public safety strategies for protecting South Carolina communities and especially the state’s children. Contact: Dr. Gregg Dwyer 792-1461

*Evaluation of Cue-Induced Activation in Pedophilic Offenders*

Purpose: This study is designed to determine if brain activation responses correspond to phallometric responses and to determine if brain activation responses can reliably differentiate between sexual arousal and non-sexual arousal in men with pedophilia vs. men without pedophilia. There is a need to establish more reliable evaluation procedures to detect abusive sexual interests. This study has the potential to open the field to use of fMRI to diagnose pedophilia, track treatment progress, and reveal central nervous system arousal patterns that may provide clues to the etiology of pedophilia and improved treatments. Contact: R. Gregg Dwyer 792-1461