MUSC Psychiatry Chair Update
August 2016

Thomas W. Uhde, MD
Department of Psychiatry and Behavioral Sciences & Institute of Psychiatry
BRAIN STIMULATION SERVICE IS TRANSFORMING TREATMENT FOR DEPRESSION

“If we know the circuit, and can modify it, we can come up with a new treatment for any disease of the brain.”  -- Mark George, M.D., director of the MUSC Brain Stimulation Laboratory

The brain is an electrochemical organ and abnormal brain circuit patterns correlate with a variety of neurological and psychiatric diseases. The Brain Stimulation Laboratory has pioneered and continues to develop multiple therapies for refractory depression including Transcranial Magnetic Stimulation (TMS), Electroconvulsive Therapy (ECT), Vagus Nerve Stimulation (VNS), and Epidural Cortical Stimulation (EpCS). Brain Stimulation Service, the clinical service translation from this research, offers TMS, ECT, VNS, and DBS.

Although much of the stigma with ECT is related to early treatment in which high doses of electricity were delivered to the brain; modern ECT treatment is effective and efficient with markedly fewer risks of side effects and can be done in an outpatient setting. ECT involves the use of a brief, controlled electrical stimulus to “reset” the brain’s circuits into normal patterns. ECT is provided on an inpatient or outpatient basis. An ECT series is performed three times a week, for up to four weeks. Individuals who have received ECT as part of their hospital care can transition to outpatient treatment depending on their clinical improvement. Maintenance ECT can be provided on a regular basis to maintain an individual’s optimal positive treatment response. To date, it is estimated approximately 150,000 people per year receive ECT and it is regarded as the most efficacious treatment for a refractory, acute depressive episode.

Transcranial Magnetic Stimulation (TMS) uses rapidly alternating magnetic fields to stimulate nerve cells in the brain. A coil is placed over the individual’s left prefrontal cortex to deliver the stimulus. Delivering repeated magnetic pulses to this area has been shown to produce an antidepressant effect by specifically targeting faulty circuits implicated in depression. Dr. George, a pioneer of TMS for depression, performed pivotal research that led to FDA approval in 2008. TMS is usually conducted five days a week for six weeks followed by six treatments over three weeks as a taper. A typical treatment course consists of thirty-six TMS treatments in an outpatient basis. TMS is empirically indicated after failure to respond to one antidepressant. Medicare and BCBS pay for TMS in patients that have not responded to three to four or more antidepressant medications and psychotherapy. Our East Cooper TMS clinic offers a more affordable out of pocket option for people that are not covered by insurance or who do not want to wait until they have reached that level of treatment resistance.

The Brain Stimulation Service integrates with the Brain Stimulation Lab in pioneering new research on additional treatments for depression, schizophrenia, obsessive compulsive disorder and parkinson’s disease. We have new depression clinical research trials, including more focal forms of ECT for depression with fewer risks of side effects and a TMS study in bipolar depression. Please call 876-5141 regarding our clinical research.

For more information about our clinical services, check our website MUSCHealth.org/brain-stimulation. If you would like a clinical consultation, please call 843-792-5716 for our downtown location, which offers ECT and TMS. Call 843-792-9162 for scheduling a TMS consult at our TMS East Cooper.
The Institute of Psychiatry was presented the 2016 NAMI South Carolina Hospital of the Year award at the NAMI SC Annual Mental Health Conference on Friday, August 19th. The award is presented to the hospital that demonstrates a commitment to serving the mission of the National Alliance on Mental Illness by raising mental health awareness, and offering education and support to those affected by mental illness and their family members.

Throughout the past decade, the Institute of Psychiatry has partnered with NAMI to provide a weekly NAMI Connection support group for our inpatients, host the Family to Family program each Spring and Fall, and graduate over 150 staff members from the Provider Education Program. Our local NAMI members are active on the Institute of Psychiatry’s Patient Family Advisory Council. This council been awarded grants to fund the purchase of bus passes for our patients who rely on public transportation and to create an activity cart for psychiatric patients being boarded in the MUSC Emergency Department and awaiting an available bed at the Institute of Psychiatry. This is the fourth Hospital of the Year award from NAMI SC. The IOP received the award in 2006, 2008, 2012, and 2016.
Comprehensive Psychiatric Care Specialists continues to grow and expand. The practice consists of psychiatrists, clinical psychologists and licensed social workers with expertise in a wide variety of evidenced based treatments. For a description of services offered, clinician bio’s, and information about the referral process, please visit the practice’s new website at: www.psychiatriccarespecialists.com.

Faculty members currently participating in the practice include:
Alviro Giraldo, MD
Hilary Bernstein, DHA
Melissa Milanak, PhD
Kelly Holes-Lewis MD
Kirk Meekins, MD
Molly Valerio, MA, MSW, BCD
Josh Smith, PhD
Zhewu Wang, MD
Nancy Warren, PhD

Viktoriya Magid, PhD
Catherine Louis, MD
Patricia Felker, LISW-CP
Angela Moreland, PhD
Alyssa Rheingold, PhD
Thomas Uhde, MD
Debra Wallace, LISW-CP
Ben Toll, PhD
Jeni Bowers Palmer, M.Ed., LPC, CEAP
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. 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 and into research projects, enhance mentor-mentee collaborations within and across department divisions, and increase minority representation among funded junior investigators.

Submission requirements are evolving, and the committee needs to know how many applications are expected to be submitted at each deadline. Therefore, if you are interested in applying for this proposal, you must contact Vickey Cornelison-Grant at cornelv@musc.edu, or call her at 792-5879, to ensure that she provides you with the latest version of the submission guidelines, that she notifies you of any changes in the submission process, and so that sufficient reviewers can be recruited.

Congratulations to the 2016 DART Summer Research Students! And many thanks to their mentors. Well done!
TOWN ALL

- The Town Alls will be hosted by Dr. Jeffrey Cluver, Deputy Chair of the Department and Chief of the Mental Health ICCE.
- Town Alls will take place every month, on the second Monday at noon, in the IOP auditorium.
- All Town Alls will be a forum for open discussion and Q&A about issues related to the Department, the MH ICCE, and all related operations across the university and medical center.
- Key members of the clinical and department leadership team will be on hand to field questions and provide updates.
- There will also be featured speakers/presentations scheduled throughout the year, and reminders will be sent in advance of the monthly meetings.

The next Town All will be held on Monday, August 8 at Noon, in the IOP Auditorium.

BREAKFAST 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: 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.

YES Campaign
Thank You Reception

- Did you donate to the YES Campaign this year? If so, we want to celebrate and thank you for your donation! We invite you and your family to an evening of unlimited pizza, salad and tea/lemonade from Andolini’s Pizzaiolo (Cash bar available.)
- Friday, September 9, 2016
- 6:00 - 8:00 P.M.
- THE ASHLEY (ADJACENT TO ANDOLINI’S PIZZA)
- 1940 Sam Rittenberg, Charleston, SC 29407
- By Wednesday, September 7, 2016
- Online by emailing us at psych-events@musc.edu
- Or by phone at (843) 792-0175
- Please let us know how many total there will be in your party.
- Need a gluten-free option? Just let us know!
KUDOS/WINS

• Dr. Ben Saunders with colleague Paul Stern, JD, delivered the SAGE Charles T. Hendrix Keynote Address at the 24th Annual Colloquium of the American Professional Society on the Abuse of Children, June 23, 2016, in New Orleans, LA, entitled, “What practices are we engaging in now that 15 years from now we’re going to look back on and think, “What in the world were we thinking?”

• Drs. Melissa Milanak and Ali Wilkerson were named as Co-Chair’s of the Society of Behavioral Sleep Medicine (SBSM) Membership Committee.

• Dr. Dayan Ranwala has been selected as a Dr. Raymond S. Greenberg Presidential Scholar Program (PSP) faculty scholar representing the College of Medicine.

• Dr. Gregg Dwyer was recently appointed Interim Clinical Director of the South Carolina Law Enforcement Employee Assistance Program (SCLEAP) Post Critical Incident Seminar (PCIS). The PCIS is a 3-day training held several times each year for law enforcement and other public safety personal who have experienced traumatic events such as shootings, line of duty death, traffic accidents, suicide of co-worker or family member, etc. The PCIS is jointly sponsored by South Carolina Law Enforcement Division, SC Department of Natural Resources, SC Department of Public Safety, SC Department of Probation, Parole & Pardon, and the SC National Guard.

• Dr. O’Neil’s publication: Randomized Controlled Trial of a Nationally Available Weight Control Program Tailored for Adults with Type 2 Diabetes was selected as one of the five winning papers that will be featured at the 4th annual Obesity Journal symposium.

• Dr. Thomas Lewis was elected to be the secretary and treasurer for the South Carolina Psychiatric Association.
FUNDS FLOW DISCUSSION

Please join Drs. Uhde and Pat Cawley for a detailed presentation about the new clinical funds flow process that will be rolled out for Fiscal Year 2018.

The clinical funds flow presentation will be held in the Psychiatry Auditorium at 9am on September 2.

The presentation will outline the newly overhauled funds process related to clinical funds flow and operations. It is important for all faculty and division business staff to attend this communication session to better understand how clinical funds in MUSC Health and the College of Medicine will be distributed for departmental support of clinical operations. This will be an excellent opportunity to better understand the new clinical funds flow model and to ask questions.

GRANT AWARD ACTIVITY
7.1.16-7.31.16

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<tr>
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<th>Title</th>
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<tr>
<td>Sudie Back</td>
<td>Non-Competing Continuation</td>
<td>Integrating Neurobiology and Neuroimaging into Research on Addiction and PTSD</td>
</tr>
<tr>
<td>Howard Becker</td>
<td>Supplement</td>
<td>Alcohol Research Center - Treatment and Implications (Administrative Supplement)</td>
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<tr>
<td>Carla Danielson</td>
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<td>Mentorship and Research on HIV and Addiction Prevention Among Traumatized Youth</td>
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<td>Carla Danielson</td>
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<td>Basic and Translational Research Training on Traumatic Stress Across the Lifespan</td>
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<tr>
<td>Gregg Dwyer</td>
<td>New</td>
<td>Understanding Sexual Offenders and Substance Use: Implications of Specific Drug and Alcohol Use Before and During Offending-U.S. Site</td>
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<td>Kevin Gray</td>
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<td>AACAP Physician Scientist Program in Substance Abuse</td>
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<td>Rochelle Hanson</td>
<td>Non-Competing Continuation</td>
<td>Testing the Community-Based Learning Collaborative Implementation Model</td>
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<td>Scott Henggeler</td>
<td>Non-Competing Continuation</td>
<td>Testing a Promising Treatment for Youth Substance Abuse in a Community Setting</td>
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<td>Dean Kilpatrick</td>
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<td>Basic and Translational Research Training on Traumatic Stress Across the Lifespan</td>
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<td>Erin McClure</td>
<td>Non-Competing Continuation</td>
<td>Technological Innovations for the Remote Monitoring of Smoking in Adolescents</td>
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<tr>
<td>Erin McClure</td>
<td>New</td>
<td>Evaluating N-Acetylcysteine as a Pharmacotherapy for Tobacco Use Disorder</td>
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<tr>
<td>Patrick O’Neil</td>
<td>Non-Competing Continuation</td>
<td>Pathways Linking Vitamin D and Transition to Diabetes (Per-participant Reimbursement Portion)</td>
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<tr>
<td>Jihad Obeid</td>
<td>Competing Continuation</td>
<td>SmartState, Clinical Effectiveness &amp; Patient Safety</td>
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<tr>
<td>Sonja Schoenwald</td>
<td>Non-Competing Continuation</td>
<td>Technical Assistance on Evidence-Based Treatment to Policy Makers</td>
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<tr>
<td>Peter Shiromani</td>
<td>Non-Competing Continuation</td>
<td>Melanin Concentrating Hormone Neurons in Sleep</td>
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<tr>
<td>Cynthia Swenson</td>
<td>Non-Competing Continuation</td>
<td>MST Model with a Child Maltreatment</td>
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Shayna Epstein, Manager of Hospital Based Outpatient Psychiatry and Joni Marsh, Senior Campaign Manager, attended the 2016 Lowcountry Mental Health Conference representing the Institute of Psychiatry. The Conference benefited Mental Health Heroes, an organization run by the Department of Mental Health which aids in the support and crisis care for adults, children and families suffering from mental illness. Over 800 mental health professionals attended the conference where several internationally known speakers shared research and information from treatment to new technology in the world of behavioral health. Joni and Shayna were on site to provide information on both the hospital and university programs as well as upcoming trainings and conferences.

ANNUAL BBQ COOK-OFF EVENT
We had so many great choices to pick from, so we are asking you to take one quick minute to VOTE for your top choice among the finalists:

- Brains, Behavior and BBQ
- Brains, Brews and BBQ
- Brains, Brisket and BBQ
- Hogs for Hope
- Oinktoberfest BBQ Cook-off
- Smoke on the Island

Survey Link: https://www.surveymonkey.com/r/FQK8FC3

Voting closes Friday, August 5, 2016, at 12noon.
NEW HIRES

New Hires—Institute of Psychiatry:
  Jill Stromborn
  Margarita Knoikova
  John Gregory
  Debbie Igwilo

New Hires—Department of Psychiatry and Behavioral Sciences:
  Sarah Hales
  Leah Leak
  Stephanie Jeffirs
  Richard Simmons
  Carlos Ortiz
  Jacelyn Lane
  Lenore Shannon
  Nicholas Trapp
  Aguayo Rosaura Orengo
  Casey Calhoun
  Sara Moussa
  Erin Cohn
  Jennifer Donovan
  Taylor Ruddy
  Evan Oates
  Lily Rumph
  Sarah Wieland
  Andrew Manett, MD
  Stephanie Price, MD
  Emily Shier, MA

INVITED PRESENTATIONS

• Dr. Kevin Gray has been invited to present Psychiatry Grand Rounds at Mayo Clinic, Minnesota on September 7, 2016.
SELECTED PUBLICATIONS


Psychiatry Continuing Education
2016-2017 Events Calendar

September 2016
23rd - 16th Annual Social Work Conference (CEU’s offered)

October 2016
7th - TTS Series: Cognitive Behavioral Therapy (CBT): Overview and Application (CEU’s offered)

November 2016
4th - TTS Series: Common Sleep Disorders & Best Practice Treatments (CEU’s offered)

December 2016
2nd - 33rd Annual Judges & Attorneys Substance Abuse & Ethics Seminar (CLE’s offered)

January 2017
13th - LGBTQ+ Issues (CEU’s offered)

February 2017
17th - TTS Series: Introduction to Prolonged Exposure for the Treatment of PTSD (CEU’s offered)

March 2017
31st - TTS Series: An Overview of Dialectical Behavior Therapy (CEU’s offered)

April 2017
21st - 3rd Annual Spring Social Work Conference (CEU’s offered)

May 2017
12th - TTS Series: Eating Disorders in Adolescents (CEU’s offered)

June 2017
1st-2nd - 30th Annual Update in Psychiatry (CME/CEU’s offered)

Visit our website for further details & online registration for all of our events:
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Get social with us!  

Twitter  Facebook  YouTube
Psychiatry Grand Rounds
2016-2017 Calendar

FRIDAY
12:00 - 1:00 PM

Institute of Psychiatry
Auditorium
67 President Street
Charleston, SC 29425

Claim up to
1.0 AMA PRA Category 1 Credit™
(per weekly session)

Unable to join us in person?
Live streaming is available with prior digital RSVP

For further details, visit:
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or (843) 792-0175

September 2016
September 2  Jeffrey Clever, MD
September 9  Clinical Case Conference
September 16  Nicholas Milano, MD
September 23  Kate Frary, PhD, MA
September 30  Carlos Blanco-Centurion, PhD

October 2016
October 7  Anna Byzewski, MD
October 14  Kay Redfield Jamison, PhD
October 21  Desmond Oathes, PhD
October 28  Ken Cole, MD

November 2016
November 4  Schwartz Center Rounds
November 11  NO GRAND ROUNDS
November 18  Renee Riemercke, PhD
November 25  NO GRAND ROUNDS

January 2017
January 6  Cindy Schaeffer, PhD
January 13  Laura Widman, PhD
January 20  Lorenzo Leggio, MD, PhD, MS
January 27  Matthew Koval, MD

February 2017
February 3  Chris Fields, MD &
Diana Mullik, MD
February 10  Angela Morland, PhD.
February 17  Gail Sturtz, PhD, RN, FAAN
February 24  Lillian Christon, PhD

March 2017
March 3  Alexandros Vagiantras, MD
March 10  Shannon Self-Brown, PhD
March 17  Elizabeth Santa Ana, MD
March 24  Erin McClure, MD
March 31  Jessica Broadway, MD, Leon
Cushenberry, MD & Kelly
Campbell, MD

April 2017
April 7  Samantha Mortier-droody, MD
April 14  Cynthia Cushman, PhD
April 21  Kallie Jameson, PhD,
Leilani Lee, MD & Stephen
Christopher, PhD
April 28  Amanda Gilmore, PhD

May 2017
May 5  Karen Stewart, PhD, MS
May 12  William Stoops, PhD

Therapeutic Techniques & Special Populations in Psychiatry Series
2016-2017 Calendar

October 2016
October 7  Cognitive Behavioral Therapy:
Overview and Application
with Angela Morland, PhD
MUSC Wellness Center
Auditorium (Room 204)
8:30 AM - 4:30 PM

November 2016
November 4  Common Sleep Disorders and
Sleep Practice Treatments
with Thomas Unde, MD
Andrea Rinn, DO
Allison Wilkinson, PhD
MUSC Strom Thurmond Building
Gazes Auditorium (Room 125)
8:30 AM - 4:30 PM

January 2017
January 13  LGBT+ Issues
with Edward Thomas Lewis, III, MD
Daena Paterson, MD
MUSC Strom Thurmond Building
Gazes Auditorium (Room 125)
8:30 AM - 4:30 PM

February 2017
February 17  Introduction to Prolonged Exposure
for the Treatment of Posttraumatic
Stress Disorder (PTSD)
with Alyssa Rhee, PhD
MUSC Wellness Center
Auditorium (Room 204)
8:30 AM - 4:30 PM

March 2017
March 31  An Overview of Dialectical Behavior
Therapy
with Amanda Stirling, PsyD
MUSC Wellness Center
Auditorium (Room 204)
8:30 AM - 4:30 PM

May 2017
May 12  Eating Disorders in Adolescents
with Renee Riemercke, PhD
MUSC Strom Thurmond Building
Gazes Auditorium (Room 125)
8:30 AM - 4:30 PM

Visit our website for further details & online registration for all of our events:

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

Get social with us: [Social media icons]
HEART WALK

Did you know?
• Every 34 seconds, someone has a heart attack.
• Every 40 seconds, someone has a stroke.
• 1 in 3 Americans has some form of cardiovascular disease

The American Heart Association (AHA) believes everyone deserves to live a longer, healthier life. MUSC’s support of the Lowcountry Heart Walk will make that possible – for our community, for our employees, and for their families – and aligns closely with our strategic goal of building healthy communities. We have the opportunity to make a tremendous impact – but to do so, we need your help!

The Department of Psychiatry and Behavioral Sciences and the MUHA Team are teaming up to raise $3,000! Will you join one of our teams and help champion our cause? Our goal is to recruit 30 team members (15 for each team).

It only takes two easy steps!
1) Click on one of the links below to visit the team web page.
2) Click the "Join Team" button and follow the prompts to register.

To join the **MUHA Team**, follow this link.[

To join the **University Psychiatry Team**, follow this link.[

Don't worry - fundraising is easy. The American Heart Association provides all the tools, including your personal fundraising page. Plus, you’ll have a team to support and encourage you along the way. Please don't hesitate to contact us with any and all Heart Walk questions.

Help grow our team; please forward this email to anyone you think will want to walk, raise funds and make a difference in our community. The more the merrier, when it comes to our Heart Walk team!

Thank you in advance for your participation. Life. Life is why. Our mission is to build healthier lives, free of cardiovascular diseases and stroke. Please join a team!
Suicide is the 10th leading cause of death in the country, and the only one going up. It is the 2nd leading cause of death by those 10-24. South Carolina’s rates are higher than the national average, with nearly 700 documented suicides annually.

The American Foundation for Suicide Prevention is the leader in the fight against suicide. It funds research, creates educational programs, advocates for public policy, and supports survivors of suicide loss. AFSP has local chapters in all 50 states. The South Carolina Chapter has been consistently honored as one of the best chapters in the country for education on suicide prevention, advocacy for legislation and funding for mental health services, and support for those affected by suicide.

Thanks to Walkers and Donors like you, AFSP has been able to set a goal to reduce the annual suicide rate 20% by 2025.

The Out of the Darkness Walks are proof that when people work together they can make big changes in the world. They are AFSP’s largest fundraiser – they produce millions for suicide prevention programs, unite those who have been affected by suicide, and create communities that are smart about mental health.

Join a quarter of a million people from hundreds of cities across all 50 states to raise awareness and funds that will save lives and bring hope to those affected by suicide.

10th Annual
Charleston Out of the Darkness Walk
Sunday, October 16
Hampton Park

MUSC has been active over the nine years the walk has taken place here. Join The MUSC Psychiatry Dream Team today. Walk. Spread the word through your social networks. Support suicide prevention.
16th Annual Social Work Conference
Current Information and Techniques in Social Work

CONFERENCE LOCATION
Daniel Island Club
600 Island Park Drive
Charleston, SC 29492

CONFERENCE DETAILS
Friday, September 23, 2016
8:00 a.m. - 4:15 p.m.
Registration opens at 7:30 a.m.

This year’s conference will be held just north of downtown Charleston at the Daniel Island Club, a state-of-the-art facility in a beautiful Lowcountry setting. Join us for one full day of education and networking as we address information to stay current in your practice.

Topics include:
- grief and bereavement
- clinical case management and community resources
- disability, special needs and life-planning legal issues
- telehealth services
- changing policies and billing
- and more

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

CONFERENCE RATES:

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<th>Registration Type</th>
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<td>(Registration or postmarked by 9/17/16)</td>
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<tr>
<td>General Registration</td>
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<td>BSW/MSW Students</td>
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*View further accreditation details and our upcoming calendar of events at www.musc.edu/psychevents

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

STAY CONNECTED!

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Cognitive Behavioral Therapy: Overview & Application

Therapeutic Techniques & Special Populations in Psychiatry Setting

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

Friday, October 7, 2016 | 8:30 A.M. - 4:30 P.M.

Earn up to 6.5 CEU's*

Featuring
Angela D. Moreland, PhD
Assistant Professor National Crime Victims Research & Treatment Center
Department of Psychiatry & Behavioral Sciences Medical University of South Carolina

Dr. Moreland will provide an overview of Cognitive Behavioral Therapy (CBT), including background, rationale, theory, explanation and techniques. Attendees will learn how to utilize CBT techniques with patients, which will be taught through instruction, modeling, and practice. Upon completion of the course, attendees will have a foundation in CBT as well as knowledge and skills in applying CBT techniques with patients.

Join us

NEW THIS YEAR: REDUCED REGISTRATION RATES

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Get social with us!
KEEPING YOUR COOL!
A GUIDE TO MANAGING YOUR ANGER

On-going group!
Starting Sept 6th!

AGES 13-16 YEAR OLDS
Join any week!

NEW DAY AND TIME!!
Every Tuesday afternoon
4:30pm-5:30pm on 5 South

Established patients are welcome to arrive on time and sign in at the desk.

Not established? Call 792-9162 and schedule an evaluation with any of our pediatric therapists or doctors.

Questions? Ask Pat Felker 792-9162

6 week program to learn how to improve in areas of:

• Anger Management       • Emotional Intelligence
• Stress Management       • Communication Skills

Institute of Psychiatry 67 President Street-5 South, Charleston
Facilitated by Pat Felker, LISW-CP
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: Assessing the Bite Counter as a Tool for Food Intake Monitoring: Phase II
Contact: Mary Harley harleyma@musc.edu 843-792-5428
Description: This study is a 15-week assessment of the possible utility of a wrist-worn device, the Bite Counter, in assisting the weight loss behavior change efforts of overweight and obese individuals. The Bite Counter tracks and analyzes wrist motions to identify those associated with taking bites of food and drinking beverages. It also has a step-counter feature. This study is designed to determine if using the Bite Counter with specific goals to reduce the numbers of bites and increase the numbers of steps will result in those changes.

Title: Low Field Magnetic Stimulation (LFMS) and Subjective/Objective Measures of Sleep
Contact: Allison Wilkerson, wilkersa@musc.edu, 843.792.4636
Description: This study is a double-blind, sham-controlled crossover pilot study of low field magnetic stimulation (LFMS) in people with insomnia. Participants will receive 4 LFMS treatments total (2 active, 2 sham) and complete 5 overnight sleep studies to explore the relationship between low field magnetic stimulation and improvement of insomnia.
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.
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 aide 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). Recruitment ongoing.

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: 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 mintzero@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.

Title: Vitamin D and Type 2 Diabetes Study  
Contact: Mary Harley harleyma@musc.edu 843-792-5428  
Description: 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 3 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.
Title: Low Field Magnetic Stimulation (LFMS) and Subjective/Objective Measures of Sleep
Contact Allison Wilkerson, wilkersa@musc.edu, 843.792.4636
Description: This study is a double-blind, sham-controlled crossover pilot study of low field magnetic stimulation (LFMS) in people with insomnia. Participants will receive 4 LFMS treatments total (2 active, 2 sham) and complete 5 overnight sleep studies to explore the relationship between low field magnetic stimulation and improvement of insomnia.

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 that 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: 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: Low Field Magnetic Stimulation (LFMS) and Subjective/Objective Measures of Sleep
Contact: Allison Wilkerson, wilkersa@musc.edu, 843.792.4636
Description: This study is a double-blind, sham-controlled crossover pilot study of low field magnetic stimulation (LFMS) in people with insomnia. Participants will receive 4 LFMS treatments total (2 active, 2 sham) and complete 5 overnight sleep studies to explore the relationship between low field magnetic stimulation and improvement of insomnia.
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: 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
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.
ONGOING STUDIES

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.

Title: Low Field Magnetic Stimulation (LFMS) and Subjective/Objective Measures of Sleep
Contact Allison Wilkerson, wilkersa@musc.edu, 843.792.4636
Description: This study is a double-blind, sham-controlled crossover pilot study of low field magnetic stimulation (LFMS) in people with insomnia. Participants will receive 4 LFMS treatments total (2 active, 2 sham) and complete 5 overnight sleep studies to explore the relationship between low field magnetic stimulation and improvement of insomnia.
Title: Evaluation of Cue-Induced Brain Activation in Pedophilic Offenders
Contact: Dr. Gregg Dwyer, 843-792-1461
Description: This study adapts fMRI neuroimaging to evaluate cue-induced changes in regional brain activity in men with Pedophilic Disorder compared to men without the disorder. It has significant potential for knowledge acquisition. Neuroimaging technology has been used to a limited extent to address the neurobiological underpinnings of deviant sexual behavior, but studies are limited in number as well as in scope. It extends results of previous neuroimaging studies by assessing regional brain activity after cue stimulation with a control group during simultaneous fMRI and penile plethysmography. Funded by a University of Ottawa Medical Research Fund grant; joint with Royal’s Institute of Mental Health Research, University of Ottawa.

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

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

Title: A Randomized, Double-Blind, Placebo-Controlled, Phase 4, Relapse Prevention Study Evaluating the Efficacy and Safety of Vortioxetine (5, 10 and 20 mg) in Adults With Major Depressive Disorder
Contact: Donovan Katy donova@musc.edu (843) 724-2945
Description: The goal of the study is to evaluate 3 fixed doses (5, 10 and 20 mg oral tablets) of vortioxetine (Brintellix) in the prevention of relapse in adult subjects (18-75 years old) with major depressive disorder (MDD), recurrent, who responded to acute treatment with vortioxetine. Eligible subjects participate in a 16-week open-label treatment period with vortioxetine followed by a 32-week double-blind randomized treatment phase.
Title: 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: Anna Smalling, smallina@musc.edu, 792-8361
Description: This program involves a randomized controlled trial (RCT) with subjects ages 13-18 years who have experienced interpersonal violence (physical or sexual abuse/assault, exposure to domestic violence, witness community violence). Subjects are randomized to either receive Risk Reduction through Family Therapy (RRFT) or Treatment As Usual (TAU). Youth will be recruited from local child advocacy centers and the interventions are psychosocial in nature. Follow-up assessments will be conducted at multiple time points through 18-month post entry.

Title: 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.
Dr. Anthony C. Ross
ISLAND CHIROPRACTIC CENTRE

Mechanical treatment is complementary to medical care not an alternative

“Mechanical drivers for symptoms respond to mechanical corrections. Compensatory treatment reduces the symptoms not the mechanical cause”

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Anthony C. Ross DC, DAAFP, CCSP
3546 Maybank Highway
John’s Island, SC 29455
icqj@bellsouth.net
charlestonchiropractic.com

Call 843-559-9111