MUSC Psychiatry Chair Update
February 9, 2017

Thomas W. Uhde, MD
Department of Psychiatry and Behavioral Sciences & Institute of Psychiatry
KUDOS/WINS

- Dr. Chris Pelic was elected for the position of Clinical Director of Medical and Dental Education for the U.S. Department of Veterans Affairs Central Office, Washington, D.C. In this new role, Dr. Pelic will help oversee the operational components of undergraduate and graduate medical education within the VA hospital system nationwide.


SELECTED PUBLICATIONS


NEW OPIATE URINE DRUG SCREENS

New Opiate Urine Drug Screen Tests Performed in the Clinical Neurobiology Labs (CNL)

As everyone is aware there is a growing epidemic of opiate use and misuse, often leading to addiction and death. In response to this epidemic, and the subsequent growing need for assessment and treatment of people with illicit opiate use and addiction, the CNL has just introduced two new urine tests.

Oxycodone
The first one is a specific test of oxycodone. As you might know oxycodone is widely prescribed by health care providers for pain, can be misused, has addiction potential, and an established “street value”. It is responsible for many overdose deaths. The CNL opiate assay currently in use, while identifying a wide range of other opiates (heroin, morphine, Demerol, etc.), is not sensitive to oxycodone. The new assay specifically identifies oxycodone and its major metabolite in a very specific and sensitive manner, and as such supplements the older generic opiate assay. Now clinicians can assess a fuller range of opiate use and abuse by combing this new assay with the older opiate assay.

Buprenorphine
One of the mainstay treatments for opiate addiction is the use of the medication Buprenorphine. Our Clinical Center for Drug and Alcohol Problems (CDAP) has a large and growing buprenorphine treatment program. But one unintended consequence of the increasing clinical use of buprenorphine, both here and elsewhere, is the apparent “diversion” of some of the drug for illicit use. Both insurance companies and treatment providers are keen to know whether: 1) individuals prescribed buprenorphine are actually taking it and 2) if people screened for care in our clinical programs might be using it illicitly. To that end, the CNL has just added a very specific and sensitive urine buprenorphine assay to the menu.

For over 20 years the CNL has offered Psychiatric Health Care Providers, and others, cutting edge laboratory support for the types of patients and research subjects served by our Department. These two new assays are in that same tradition. If there is any need for confirmation of the result of these assays for medical or forensic need, please notify the lab and a sample can be sent to a reference lab for confirmation using another assay methodology (please note that patients or their insurance carrier will bear the cost of that testing). If you want to know more about either of these assays (how to order, pricing, etc.), please contact Megan Davis MA in the CNL (davme@musc.edu or 843-792-5440). Dr. Anton, the Director of the CNL, is also available to address questions that might arise.
Addictive Behaviors
Call for Papers
Special Issue: Ambulatory Assessment of Addictive Disorders

Addictive Behaviors is now accepting submissions for a special issue, Ambulatory Assessment of Addictive Disorders. Dr. Rachel Tomko (Tomko@musc.edu; Post-doctoral Scholar) and Dr. Erin McClure (McCluree@musc.edu; Assistant Professor) of the Addiction Sciences Division are Guest Editors for this issue and can be contacted directly with any questions or interest. Ambulatory assessment broadly refers to a number of remote monitoring techniques, including ecological momentary assessment (EMA), used to intensively study behavior in naturalistic settings. Submissions should utilize technology-based ambulatory assessment to enhance the study and treatment of addictive disorders. This may include substance use disorders and other addictive disorders (i.e., gambling disorder, internet addiction). Multimethod assessment approaches are particularly encouraged. Original research submissions, methodological papers, and review papers will be considered.

The deadline for manuscript submission is July 1, 2017 for consideration for inclusion in this special issue. More information about this special issue can be found here: https://www.journals.elsevier.com/addictive-behaviors/call-for-papers/special-issue-ambulatory-assessment-of-addictive-disorders

DART ALUMNI AND RESIDENTS

DART alumni and residents attended and presented at the recent annual meeting of the South Carolina Psychiatric Association. Dr. Leah Fryml won an award for her poster presentation on the innovative use of rTMS brain stimulation in the treatment of PTSD. Congratulations DART residents!
Please join us for a
Comings and Goings celebration

Please join us as we recognize new faculty and employees and
say farewell to those leaving us.
February 16, 2017
Institute of Psychiatry Lobby
10-11am
desserts and refreshments will be served

You are cordially invited to the
Department of Psychiatry & Behavioral Sciences

Faculty Reception
March 6, 2017

Wickliffe House
5pm-7pm

Please RSVP to Kristen Mulholland (mulholhk@musc.edu) by
February 27, 2017.
January 2017
13th - LGBTQ Patients 101: Practical Information for Providing Inclusive Care (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 (CMD/CEU’s offered)

Visit our website for further details & online registration for all of our events:
www.musc.edu/psychevents
Questions? Contact us at psych-events@musc.edu or (843) 792-0175
Get social with us!
SAVE THE DATE
June 1 - 2, 2017 • Charleston, SC

30th Annual Update in Psychiatry
Technology and Mental Health

Over the past three decades, important innovative technologies have transformed mental health care. To recognize our achievements and advancements in science and clinical practice, our 2017 conference will focus on technology and mental health.

Held in beautiful downtown Charleston at MUSC’s new Bioengineering Auditorium during Charleston’s premier cultural event, Spoleto Festival USA, this conference brings together psychiatrists, psychologists, counselors, and social workers, as well as researchers, other physicians and healthcare professionals, for two days of networking and education. Be sure to join us this year for a networking reception with colleagues and community partners.

Charleston International Airport flies nonstop to 21 airports and 16 cities in the US. Come visit one of the most beloved cities in the world and see what everyone is talking about.

MARK YOUR CALENDAR!
Registration will open in February 2017

Medical University of South Carolina
Dept. of Psychiatry & Behavioral Sciences
67 President Street; MSC 861
Charleston, SC 29425

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The Power of Addiction:
It’s not simply a matter of willpower.

People are addicted to drugs because using them changes the brain. How does this happen, especially when adolescents use drugs? What can be done to protect adolescents from drugs, and how can we help addicts fix their brain and regain control of their lives? Join this month’s Science Café where a researcher and social worker, a dynamic husband-and-wife duo, join forces to explore the neurobiology of addiction and what the community can do with this understanding to better protect our children.

Tuesday, February 21, 2017  |  5:30 p.m.
Charleston Beer Works (upstairs)
480 King Street, Charleston, SC 29403
The need is constant. The gratification is instant. Give blood.

American Red Cross

Institute of Psychiatry
4 South IOP Building

Friday, March 10th
10:00am to 3:00pm

Andolinis Pizza & Sweets from Mezzo

Contact information: Bonnie Jones 792-6341
jonesbl@musc.edu

redcrossblood.org | 1-800-RED CROSS
**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.
Title: The Effects of Cognitive Behavioral Therapy and Transcranial Direct Current Stimulation (tDCS) on Fibromyalgia Patients  
Contact: Brittan Carter, cartebri@musc.edu, (843) 792-3659  
Description: The purpose of this study is to determine whether a new medical technology, called Transcranial Direct Current Stimulation (tDCS), can help reduce fibromyalgia and reduce the need for pain medication when applied in combination with cognitive behavioral therapy (“talk therapy”). tDCS is a minimally-invasive technique (i.e., it does not involve any surgical procedures, additional medication or sedation, or needles) that uses a very small amount of electricity to temporarily stimulate specific brain areas in awake people. The electrical current passes through the skin, scalp, hair, and skull and can temporarily increase or decrease activity in areas of the brain that are thought to be involved with pain reduction. Some preliminary studies suggest that tDCS may be effective in reducing fibromyalgia and altering pain perception in both healthy adults and in patients with various types of pain conditions. Participants must be between the ages of 21 and 85. Participation is confidential, and compensation is available.

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

Title: The Effects of Cognitive Behavioral Therapy and Transcranial Direct Current Stimulation (tDCS) on Chronic Lower Back Pain  
Contact: verteranpainsc@gmail.com, 843-779-2493  
Description: The purpose of this study is to determine whether a new medical technology, called Transcranial Direct Current Stimulation (tDCS), can help reduce chronic lower back pain and reduce the need for pain medication when applied in combination with cognitive behavioral therapy (“talk therapy”). tDCS is a minimally-invasive technique (i.e., it does not involve any surgical procedures, additional medication or sedation, or needles) that uses a very small amount of electricity to temporarily stimulate specific brain areas in awake people. The electrical current passes through the skin, scalp, hair, and skull and can temporarily increase or decrease activity in areas of the brain that are thought to be involved with pain reduction.  
- COMPENSATION PROVIDED  
- ALL INFORMATION IS CONFIDENTIAL  
PARTICIPANTS MUST:  
- Be between the ages of 18 - 70  
- Suffer from chronic pain  
- Be a United States Veteran  
- Take a prescription pain medication
ONGOING STUDIES

Title: Comparison of Pre-Trial Competency to Stand Trial Defendants’ Characteristics on Outcome of Feigning Measures: A Preliminary Study of Local Norms
Contact: Jennifer Steadham, steadhaj@musc.edu, 876-2140
Description: Deliberate attempts to falsify, fabricate, or grossly exaggerate some aspect of functioning is known as feigning. When feigning is motivated by possibility of external gains (e.g., avoidance of prosecution or lesser punishment), it is known as malingering (Rogers & Shuman, 2005). Malingering has obvious relevance in forensic mental health evaluations, as pre-trial criminal defendants have clear motivations to feign impairment. Feigning strategies can be subdivided into two varieties in criminal forensic contexts: cognitive (i.e., memory or thinking processes) and psychiatric (i.e., symptoms of major mental disorders) impairment. Categorical classifications can be made on the basis of a defendant’s performance on feigning assessment measures, into groups thought to be exaggerating or fabricating impairment (“probable malingers”) or those thought to be responding honestly (“non-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.
SUPPORTERS

Dr. Anthony C. Ross
ISLAND CHIROPRACTIC CENTRE

Mechanical treatment is complementary to medical care not an alternative

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EASTON PORTER

DINNER TUESDAY–SUNDAY
Executive Chef Vinson Petrillo
Across from Gaillard Center at 6 George Street
ZeroRestaurantCharleston.com

DINNER TUESDAY–SATURDAY
Executive Chef Amalia Scaiena
103 Spring Street
CannonGreenCharleston.com