MUSC Psychiatry Chair Update
April 13, 2017

Thomas W. Uhde, MD
Department of Psychiatry and Behavioral Sciences & Institute of Psychiatry
Overview: Drs. Dean Kilpatrick, Connie Best, Alyssa Rheingold, and Amanda Gilmore as well as Ms. Vickey Cornelison in the National Crime Victims Research and Treatment Center (NCVC) are pleased to provide an overview of this project and to describe services the project is designed to provide. The project is funded by a three-year, $3.6 million grant from the Office for Victims of Crime, and the purpose of the grant is to coordinate and provide a broad array of services and support to victims, survivors, family members, and other members of the Mother Emanuel congregation who were victims of the racially motivated massacre which occurred on June 17, 2015. The NCVC is the grantee and has the responsibility for coordinating all project activities and also provides many direct services. Faculty members from the College of Nursing (Drs. Tatiana Davidson and Ken Ruggiero) and the President’s Office (Dr. Sabra Slaughter) have also been invaluable members of the project team. The grant also provides funding for activities and services provided by eight partner agencies that will be described below.

Background: The NCVC, a division of the Department of Psychiatry and Behavioral Sciences, was established 40 years ago in 1977, and it has developed a national reputation for its research documenting the mental health impact of violent crime including homicide, terrorism, and other mass casualty incidents as well as for developing evidence-based mental health interventions for these problems. Perhaps more importantly for this project, the NCVC also had excellent relationships with key crime victim service, mental health, and criminal justice agencies at the local, state, and national levels prior to the Mother Emanuel massacre. This facilitated our ability to coordinate with other agencies to begin delivering mental health and other services starting the morning after the massacre occurred. We were requested by several agencies to take the lead with OVC in developing and revising the grant application that funded this project.

The Eight Other Partner Agencies Funded by this Grant:
The Berkeley County Mental Health Center
The Charleston County Clerk of Court’s Office
The Charleston County Coroner’s Office
The Charleston County Sheriff’s Office
The Charleston Dorchester County Mental Health Center
The City of Charleston Police Department
The Mother Emanuel AME Church
The Ninth Judicial Circuit Solicitor’s Office

Overview of Services Supported by Grant
Limited Victim Related Law Enforcement Services (e.g. providing security and victim escort at Memorial services, funerals, and court proceedings)
Notification and Support Services (e.g. notification about criminal justice system hearings and proceedings, accompanying victims to these hearings, assistance with travel arrangements to attend hearings and proceedings)
Establishing an Empowerment Center at Mother Emanuel AME
Providing security and support for victims and family members when attending court hearings and proceedings
Developing self-help materials for survivors, family members, and congregation members that include a mobile web application. The web app will screen for several mental health problems, provide information about each problem, and provide constructive ways to address each problem. This will be made available by OVC to survivors of future hate crimes and terrorist attacks.
Providing specialized mental health services including support groups, individual therapy, and resiliency building activities to survivors, family members, and congregation members.

In addition, the project has established a Victim Service Coordinating Council which meets monthly with representatives from all partner agencies as well as other key agencies such as the US Attorney’s Office for the District of South Carolina and the State Office of Victims Assistance.

The grant also includes a Mother Emanuel AME Church Empowerment Center Community Advisory Board that is being staffed by Dr. Sabra Slaughter.
KUDOS/WINS

• Dr. Suzanne Thomas, Professor of Psychiatry, was appointed Assistant Provost for Institutional Effectiveness. In this role, she will support the university in strategic planning and data-driven decision making, accountability, and continuous quality improvement.

• Congratulations to the Addiction Sciences Division Team, Project Step, for winning their division of the “Step It Up MUSC” Step Challenge. They were recognized in a ceremony in the Horseshoe last week. Team members included: Dr. Rachel Tomko, Dr. Kevin Gray, Dr. Erin McClure, Dr. Lindsay Squeglia, Lori Ann Ueberroth, Vitria Adisetiyo, Danielle Schwartz, Kathryn Mase and Kayla McAvoy. This is evidence that MUSC’s Department of Psychiatry is a leader at the university in the “exercise is medicine” movement and has a true commitment to Imagine MUSC 2020, including our goal to Build Healthy Communities, which we know starts with MUSC employees practicing healthy living habits.

• Dr. Mark George was nominated by the Department of Psychiatry and Behavioral Sciences for the Pardes Humanitarian Prizewinner Award.

SELECTED PUBLICATIONS


POSTER PRESENTATIONS


NEW HIRES

New Hires—Institute of Psychiatry:
Jakara Hodges
Frederick Hutchinson
Ellen Long
Whitley Richardson
Karen Huckabee

New Hires—Department of Psychiatry and Behavioral Sciences
Carolyn Watrous
Madeline Brandl
Teja Vyavahare
Cailly Feidt
Lauren Campbell
Caroline Summers
Fouzan Alam
Melanie Wiley
Regan Stewart
Patrick Cato
Lindsay Meredith
Amber Williamson
Anna Porter
Emily Bristol
Robert Eaddy
THANK YOU 2017 BRIDGE RUN VOLUNTEERS

Erin McClure          Akshith Nalla
Lori Ueberroth        Camryn Maxon
Justin Gass           Emerson Rampey
Bob Malcolm           Madelaine Maczko
Mark Ghent            Megan Williams
Jordan Hopkins        Sophia Champ
Laura Ralston         Autumn Huger
Patricia Latham       Randi Gerwatos
Melissa Overstreet    Fernanda
Lindsay Squeglia      Ellie Shuck
Jason Sievert         Lucy Tschantz
Patrick Mulholland    John Hunter Sutcliffe
Egan Mulholland       Holly Sutcliffe
Quinn Mulholland      Edwin Gately
Sylvia Rivers          Gabriela Mochizuki
Rebecca Montgomery    Brian Allenspach
Jacelyn Lane          Riley Allenspach
Veronica Lane         Netra Venkatapath
Vansh Nagpal          Aastha Khatiwada
Kristen Champagne     Daniel Holt
Zachary Champagne     Claire Holt
Sara Jantzen          Xinh-Xinh Nguyen
Anne Toward           Linda Bertucci
Molly Toward          Ben Vaszquez
Casey White           Miranda Schuehle
Aarti Naring          Megan Williams
Lee Muirhead          Spencer Watts
Will Muirhead         Elizabeth Gilbert
Laurene Cunningham    Eileen Barden
Sairam Ramesh         Rose Marie Fancy
Sanjay Ramesh         Dylan Lucas
Anna Chobot           Joey Virgilio
Saima Akbar           Kristen Virgilio
Murray Burn           Shaw Goodrich
Sherrie Nesbitt       Mara Goodrich
Tanova Robinson       Grace Jarosak
Marty Chobot          Quincy Beard
George Mason          Julia Austin
Nancy Mason           Gabby Mochizuki
May 1st Launch Date Countdown
The Institute of Psychiatry has embarked on a performance improvement initiative designed to reduce re-admission rates among the mentally ill population it serves. Across the country, re-admission rates for individuals with mental illness range from 20-22%. While the IOP rate is closer to 15%, it far exceeds MUSC’s organizational goal. Readmissions negatively impact the quality of patient care, staff morale, patient satisfaction, and financial reimbursements from federal programs. A designated task force, lead by process owners Kristen Williams, MD and James Fox, MD, has developed the PRIME Program (PRIME: Psychiatric Re-Admission IMprovement & Engagement) to identify patients who are at risk for re-admission and provide interventions that will support a successful transition to the community and opportunity to maintain wellness. The PRIME Program will place an emphasis on motivational enhancement, self-efficacy, intensive discharge planning and developing a sound recovery plan for transitioning to the community. **The launch date for the PRIME Program is Monday May 1st.** Interventions include:

- Identifying patients who have been re-admitted to the IOP within 30 days with a PRIME patient header in EPIC
- Constructing a dedicated area in emergency department for psychiatric patients.
- Designating social work and nursing staff roles to care for mental health patients boarding in the emergency department.
- Establishing a discharge checklist
- Standardizing Transition Boards on every IOP Unit to include outpatient resources and services available post-discharge
- Utilizing a patient readmission questionnaire to identify barriers to recovery
- Forming a *Looking Ahead* patient group designed for PRIME patients
- Revising the current Safety & Recovery Plan to include strategies to avoid re-admission
- Sustaining bus pass program
- Developing a post-discharge phone call program

Beginning May 1st, the PRIME Program task force will pilot this initiative on 3 North and the Addictions unit. The group will monitor and measure the program’s impact on reducing readmission rates and potentially expand the program to other IOP units.
CHAIRMAN’S RESEARCH DEVELOPMENT FUND

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

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. Please do not rely on prior application instructions as it is likely that they are no longer accurate.
SPRING JAZZ NIGHT

THURSDAY, APRIL 27, 2017
7:00 - 11:00 PM
HOW ART THOU JAZZ LOUNGE
1956 MAYBANK HIGHWAY
CHARLESTON, SC 29412

AN EVENING WITH
FULL CODE JAZZ ENSEMBLE,
ERIC PENROD AND
OTHER SPECIAL GUESTS

TICKETS
SUGGESTED DONATION OF $15
AVAILABLE AT THE DOOR
MORE INFORMATION AT

PRESENTED BY
HOW ART THOU JAZZ LOUNGE
TO BENEFIT
MUSC’S DEPARTMENT OF
PSYCHIATRY AND BEHAVIORAL
SCIENCES AND INSTITUTE OF
PSYCHIATRY
MUSC Department of Psychiatry and Behavioral Sciences presents:

30TH ANNUAL UPDATE IN PSYCHIATRY: TECHNOLOGY AND MENTAL HEALTH

CONFERENCE LOCATION

Medical University of South Carolina
Bioengineering Building | Room 110
68 President Street
Charleston, SC 29425

CONFERENCE DETAILS

Thursday, June 1, 2017
8:00 a.m. - 5:30 p.m.
Friday, June 2, 2017
8:00 a.m. - 12:15 p.m.

This activity pending approval for 12.0 AMA PRA Category 1 Credits™

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.

REGISTER ONLINE AT WWW.MUSC.EDU/PSYCHEEVENTS

For further details and our upcoming calendar of events, visit us at:

www.musc.edu/psycheevents

Questions? psychevents@musc.edu or (843) 792-0175

STAY CONNECTED!
MUSC’s Department of Psychiatry & Behavioral Sciences presents:

3RD ANNUAL SPRING SOCIAL WORK CONFERENCE
OUR FAMILIES TODAY
Medical University of South Carolina | Bioengineering Building | Room 110 | Charleston, SC
Friday, April 21, 2017 | 8:00 A.M. - 4:00 P.M.

This year’s conference will be held at the Medical University of South Carolina’s beautiful campus located in the heart of downtown Charleston in the Bioengineering Building, a state-of-the-art facility. Join us for one full day of engaging training addressing common challenges and struggles faced by our families today and ways to increase communication, foster support and embrace differences in a positive way.

Topics include overcoming common care giving dilemmas, adolescents with sexual behavioral problems, a family approach to grief, loss and bereavement, and more!

<table>
<thead>
<tr>
<th></th>
<th>Early Registration</th>
<th>General Registration</th>
<th>On-Site Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Providers</td>
<td>$115.00</td>
<td>$135.00</td>
<td>$155.00</td>
</tr>
<tr>
<td>MUSC Providers</td>
<td>$85.00</td>
<td>$105.00</td>
<td>$125.00</td>
</tr>
<tr>
<td>Retirees</td>
<td>$85.00</td>
<td>$105.00</td>
<td>$125.00</td>
</tr>
<tr>
<td>Students and Trainees</td>
<td>$35.00</td>
<td>$55.00</td>
<td>$75.00</td>
</tr>
</tbody>
</table>

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

For further accreditation details & questions contact us at:
www.musc.edu/psychevents | psych-events@musc.edu | 843.792.0175

STAY CONNECTED!
Therapeutic Techniques & Special Populations in Psychiatry Series

AN OVERVIEW OF EATING DISORDERS IN ADOLESCENTS

Medical University of South Carolina | Bioengineering Building | Room 112 | Charleston, SC

Friday, May 12, 2017 | 8:30 A.M. - 4:30 P.M.

Earn up to 6.5 CEU’s*

Featuring

Renee Rienecke, PhD
Associate Professor
Departments of Pediatrics & Psychiatry
and Behavioral Sciences
Director, Friedman Center for Eating Disorders
Medical University of South Carolina

Join us
Eating disorders are complex, serious conditions affecting 20 million women and 10 million men in the USA. Eating disorders not only impact a person’s relationships and emotional health but can also be potentially life-threatening. Through lecture, discussion, and hands-on activities, attendees will gain an understanding of core diagnostic features, be able to differentiate between eating disorders, will learn evidence-based treatments for adolescents and adults with eating disorders, and will better understand the role that the family plays in augmenting and/or hinder treatment of eating disorders.

NEW THIS YEAR! REDUCED REGISTRATION RATES

<table>
<thead>
<tr>
<th></th>
<th>Early Registration</th>
<th>General Registration</th>
<th>On-Site Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Providers</td>
<td>$125.00</td>
<td>$150.00</td>
<td>$175.00</td>
</tr>
<tr>
<td>MUSC Providers</td>
<td>$115.00</td>
<td>$140.00</td>
<td>$165.00</td>
</tr>
<tr>
<td>Students and Trainees</td>
<td>$40.00</td>
<td>$65.00</td>
<td>$90.00</td>
</tr>
</tbody>
</table>

REGISTER ONLINE AT WWW.MUSC.EDU/PSYCHEEVENTS

Visit our website for further details & online registration for all of our events:
www.musc.edu/psycheevents

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

Get social with us! twitter facebook youtube
The Greenville Health System (GHS) Department of Psychiatry in partnership with GHS Clinical University is honored to host the 2017 Southeastern Symposium on Mental Health (SESMH).

This regional event will include Alabama, Florida, Georgia, Kentucky, North Carolina, South Carolina, Tennessee and Virginia. SESMH has been created to facilitate collaboration among patients, caregivers, healthcare providers, academicians and community partners for those suffering with mental illness and will offer topics relevant to the mental health care of children, teens, adults, and the elderly. We welcome you and your organization to participate with us this year! The call for abstracts and posters is open and submissions are due by April 1st; all abstract submissions are completed easily online.

Website: www.sesmh.org

Theme: #MindsMatter! Mental Health Across the Lifespan: Ending Stigma through Research, Education, and Practice

Dates: Pre-Conference Program on the evening of May 11th with the Symposium occurring on May 12th & 13th, 2017 during Mental Health Awareness Month

Where: Hyatt Regency Hotel in downtown Greenville, South Carolina

Some Highlights: Clinical and Community Tracks, Break-Out Sessions, Mental Health First Aid Training, CEUs and more…

Make sure to like us on Facebook at Southeastern Symposium on Mental Health and follow us on Twitter @SESMH2017!

Sincerely,
Veronica Anne Williams,
SESMH Program Planning Committee Member
vlawe@yahoo.com
410-900-4240

On Behalf Of
Eunice Peterson, M.D.
SESMH Program Planning Committee Chair
Department of Psychiatry and Behavioral Science
Greenville Health System
701 Grove Road
Greenville, SC 29605
epeterson2@ghs.org
A preconference workshop that will start in the morning of Sunday, July 23, 2017. Students, postdocs, and other junior faculty/researchers attending the conference should definitely plan on attending this FREE and invaluable workshop.

IASR home page: http://www.iasrsite.org/
Go to conferences tab for:
  General announcement: http://www.iasrsite.org/upcoming-meeting
  Preliminary program and call for abstracts:
  http://www.iasrsite.org/conference-announcements/
  Registration: http://www.iasrsite.org/registration/

Brief description of IASR:
“The International Academy of Sex Research is a scientific society whose objectives are the promotion of high standards of research and scholarship in the field of sexual behavior by fostering communication among scholars engaged in such research. IASR promotes the dissemination of research through its annual meeting and publication of the journal Archives of Sexual Behavior.”

Key Submission Deadlines:
Submission of Brief Communication Abstracts - March 5, 2017
Submission of Data Blitz Abstracts - March 5, 2017
Submission of Poster Abstracts - April 9, 2017
Symposia, Presenter, & Presidential Abstracts - April 9, 2017
Submissions for the IASR SRDA - May 1, 2017
**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 multi-national 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: 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: Effect of liraglutide for weight management in pubertal adolescent subjects with obesity: 56-week, double-blind, randomised, parallel-group, placebo-controlled multi-national trial followed by a 26-week period off study-drug multi-national trial followed by a 26-week period off study-drug
Contact: Mary Harley, harleyma@musc.edu, 843 792 5427
Description: Liraglutide 3.0 mg is an injectable medication approved for use by adults in management of obesity when combined with diet and exercise counseling. This study will examine its efficacy and safety among obese adolescents aged 12-18 when taken over 56 weeks, but the total duration of the study is about 1.5 years. Participants will have to attend approximately 30 clinic visits in downtown Charleston; 10 of these visits will require the participant to be fasting and so will have to be in the morning.
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”

In network provider for State BCBS

- Class IV Laser
- Adjunctive Therapies
- Rehabilitation
- FDA Protocol Spinal Decompression

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

Call 843-559-9111