Congratulations 2014 DART Summer Fellows!

The DART Summer Fellowship Program completed another successful training program this year on July 25, 2014, when the fellows presented at the Annual DART Summer Research Day. This year’s fellowship was made up of medical students, undergraduates, and a PhD student, bringing a diverse set of experiences and interests to the program. Several fellows worked with animal models, while most worked on clinical research projects.

The Summer Fellowship is a ten-week program designed for undergraduates, graduate students, or medical students who are interested in gaining experience working in addictions research. Similar to the Resident Training Program, interested students must apply. Fellows are matched with mentors who are working in addictions research areas. Each week, the fellows meet for 1-2 hours, listening to seminars designed to provide advice and tips for the research professional. Students are asked to prepare a research question/project, gather data based on studies their mentors are currently working on, and present the data in poster presentations at the Annual DART Summer Research Day. Interested or know a student who may be? [www.musc.edu/DART](http://www.musc.edu/DART) or contact Ginny Leavitt at mcalis@musc.edu

(Below, from left: Drs. Back and Book congratulate the 2014 Summer Fellows)
New Coordinator

Ginny Leavitt began working as program coordinator for the DART Program in April 2014. Mrs. Leavitt holds a Master of Education in Exercise Physiology from the University of Virginia. She has been with the Department of Psychiatry since October 2011, when she began as an exercise interventionist for a study called STRIDE, which examined the effect of cardiovascular exercise on stimulant addiction. After the STRIDE study was completed, she became a study coordinator on one of Dr. Back’s studies looking at N-acetylcysteine and its effect on relapse prevention and PTSD in veterans. In addition to coordinating the DART program, she is involved with the creation and implementation of the Addictions Research Training Council, a new campus-wide initiative to help synergize addictions-focused research efforts. Ginny also moonlights as an Exercise Physiologist with MUSC’s Weight Management Center, but she is excited to now be a part of a great research training program at MUSC. For any questions related to DART, you can email her at mcalis@musc.edu.

Meet the Faculty

Dr. Sudie Back, PhD

Dr. Back is a professor in the Department of Psychiatry. She specializes in post-traumatic stress disorder (PTSD) and substance abuse. She has been involved with DART since 2005.

Dr. Kathleen Brady, MD, PhD

Dr. Brady is a distinguished professor at MUSC, who is also the original director for DART. Her specialties include substance abuse, PTSD, bipolar disorders, and anxiety disorders.

Dr. Sarah Book, MD

Dr. Book is a board-certified psychiatrist, associate professor at MUSC and co-directs the DART program. Her specialties include alcoholism, addiction medicine, narcotic replacement therapy, and anxiety disorders.

WE’RE ONLINE!

Interested in learning more about DART?

Find us online at www.musc.edu/dart

Or you can visit our Facebook page, DART Program at Medical University of South Carolina
New Residents

The DART Program is excited to welcome three new residents to the program this year!

Benjamin Kalivas, MD

Ben graduated from Clemson with a Bachelor of Science in Biology in 2006, and received his medical degree from the Medical University of South Carolina in 2011. Currently he is an intern with Internal Medicine and Psychiatry here at MUSC. With numerous awards and recognitions, he is well achieved with research and publications, making him an excellent addition to the DART program. His research interests currently lay mostly in acute hospitalizations due to delirium. He is mentored by Dr. Robert Malcolm. Welcome, Ben!

Zachary Zuschlag, DO

Zac earned a Bachelor of Arts in Biology from Washington and Jefferson College in 2008 before continuing to medical school at Lake Erie College of Osteopathic Medicine, where he received his medical degree in 2012. He has been with MUSC since 2012, when he began his internship, and later his residency in psychiatry. He has worked on several research projects, including co-investigating a project with a recent DART graduate, Greg Sahlem. Through the DART program, he hopes to complete a retrospective study on Attenuated Psychosis Syndrome and conversion rates to full-blown Schizophrenia spectrum disorders. He is mentored by Dr. Mark Hamner. Welcome, Zac!

Thomas Lewis, MD

Thomas graduated from the Medical University of South Carolina with a degree in medicine in 2012. During that same time, he also completed an interprofessional fellowship. Before that, he received a Bachelor of Science in biochemistry from Queens University of Charlotte in 2007. Currently a resident of the general psychiatry program at MUSC, Thomas has been diligent in publications and research. He hopes to further his research capabilities while examining the relationship between substance abuse and sexually violent crime, specifically combining the areas of addiction and forensic psychiatry. He is mentored by Dr. Sarah Book and Dr. Gregg Dwyer. Welcome, Thomas!
Returning To the Ring

Dr. Amanda (Mandy) Roper is returning for her second year with the DART Program. We’re excited to have her back as she continues to work on her trial focusing on N-acetylcysteine and fingernail biting. She is mentored by Dr. Kevin Gray.
Dr. Gregory Sahlem completed his residency and the DART Program this past May, 2014. Greg couldn’t get quite enough of MUSC, Brain Stimulation, or research so he stayed on as this year’s Interventional Psychiatry fellow. The fellowship includes a mix of clinical training in the various brain stimulation modalities including Electroconvulsive therapy (ECT), Transcranial Magnetic Stimulation (TMS), Deep Brain Stimulation (DBS), and Epidural Cortical Stimulation (EpCS), as well as the continued exploration of these and other brain stimulation modalities in research endeavors. He is working with the Brain Stimulation Lab (BSL) group to explore the effects of transcranial Direct Current Stimulation (tDCS) prior to an afternoon nap, the use of a behavioral therapy (Wake Therapy, Sleep Phase Alteration, and Light Therapy) to treat acutely depressed/suicidal patients, as well as a new type of ECT, and new types and indications for TMS.

Dr. Nolan Williams graduated from the combined Neurology and Psychology Residency Program at MUSC, as well as the DART program, in May 2014. He was highly successful as a resident, with numerous publications and presentations added to his curriculum vitae during his years at MUSC. Now, Nolan is off to the west coast, where he will begin as an assistant professor at Stanford University. He will be working with Drs. Charles DeBattista and Jamie Henderson, with projects focused on Cyberknife for depression and an MRI guided ultrasound for Obsessive Compulsive Disorder. As an avid kitesurfer, he is excited for the waves of the west coast.
Upcoming Seminars

*all seminars are in RMOB Suite 140 Conference Room and are from 9:00-10:00am on Tuesdays*

August 26th: Orientation to DART

September 2nd: Stephanie Gentillin - "Working With the IRB"

September 9th: Royce Sampson and Stephen Skelton - "SUCCESS Center and Budget Planning"

September 16th: Dr. Jeffery Korte - "Statistics"

September 23rd: Dr. Susan Sonne - "Good Clinical Practices and Research Ethics"

September 30th: Dr. Mark Hamner - "Dual Diagnosis: Alcoholism and Schizophrenia"

October 7th: Dr. Karen Hartwell - "Establishing a Good Relationship with Your Mentor"

October 14th: Dr. Mark George "TMS & Brain Stimulation"

October 21st: Dr. Peter Miller - "Publishing"

October 28th: Dr. Matt Carpenter - "Time Management"

November 4th: TBA

November 11th: HOLIDAY

November 18th: John Clark and Lynn Patterson - "REDCap"

November 25th: Dr. Kathleen Brady - "Manuscript Writing"

December 2nd: Dr. Joseph Schacht - "Imaging"

December 9th: Dr. Jesse Goodwin - "Patents 101"

December 16th: Dr. Connie Guille - "Women's Research"
Perry V. Halushka Annual Research Day at MUSC

**Keynote speaker address:** 4:00 PM on Thursday, November 13th

**Research poster presentations:** Friday, November 14th in Harper Student Wellness Center

**Oral research presentations:** Friday, November 14th College of Health Professions Building A, room 112

More details?
[http://academicdepartments.musc.edu/grad/curr_students/research_day/](http://academicdepartments.musc.edu/grad/curr_students/research_day/)

Addictions Research Training Programs

**DART 2015 Summer Research Fellowship Program**

Applications become available November 15th, 2014. Deadline for applications is February 1, 2015. For more information, please visit us online at [www.musc.edu/dart](http://www.musc.edu/dart)

**DART 2015-2016 Residency Program**

Applications may be submitted any time before March 15th, 2015. For more information visit [www.musc.edu/dart](http://www.musc.edu/dart) or email Ginny Leavitt at mcalis@musc.edu.