

# DART

## Resident Research Track

Sponsored by The National Institute on Drug Abuse

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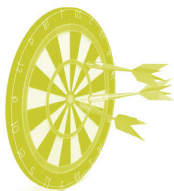


### SPECIAL POINTS OF INTEREST:

- Spotlight on Dr. Todd Magro
- The DART Summer Fellowship continues to Flourish!

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## Resident Spotlight: Todd Magro, M.D.

As we embark on a new year, the DART program is proud to reflect on the accomplishments of one resident in particular, Dr. Todd Magro and his Mentor, Dr. Raymond Anton.



**Dr. Todd Magro** began his journey into higher education at University of Mississippi. From there, he graduated cum laude in 2004 with a B.A. in Biology. He then moved to Memphis, Tennessee to obtain his Medical Degree from the University of Tennessee in 2008. There he also worked on his first research study with Dr. Kenneth Sakauye, M.D.. In this study, Dr. Magro investigated how often primary treatment teams follow recommendations of psychiatry consultation-liaison teams. Then in 2008, he accepted his Residency position at the Medical University of South Carolina.

In 2010, Dr. Magro received his Medical License from the State of South Carolina. In that same year he was accepted into the DART program. A NIDA funded research fellowship for residents that work in MUSC's department of psychiatry. He is now a 4<sup>th</sup> year resident in the general Psychiatry Program at MUSC. His re-

search interests include ADD and Substance abuse. Adding to his growing list of accomplishments, he is currently a Member-in-Training with the American Psychiatric Association.

Since 2010, his focus has been on researching outcomes of Veterans Administrations patients who have been treated with long-acting naltrexone for alcohol dependence. Dr Magro is mentored in the DART program by Dr. Raymond Anton with whom, it would seem, he has been well paired in regards to a working relationship.

His mentor, **Raymond F. Anton, M.D.**, is an Addiction Psychiatrist and Psychopharmacologist. He is a Distinguished University Professor of Psychiatry and Behavioral Science at the Medical University of South Carolina in Charleston, SC where he is the Director of the Center for Drug and Alcohol Programs, the Clinical Scientific Director of an NIAAA funded Alcohol Research Center, and the Director of the Clinical Laboratory in the Institute of Psychiatry.

Dr. Anton's research, both translational and applied, focuses on finding better treatments and diagnostic assays for alcohol use disorders. He has also had prior experience with treatment and research in severe affective disorders. The over-arching theme of Dr. Anton's program of research is that individuals with alcohol use disorders are different in biology and experience, and therefore require treatment tailored to their specific biology and circumstance (i.e., personalized medicine).

**Dr. Magro** has worked hard to come far in the field of Psychiatry. We will enjoy seeing his future endeavors!

### DART – About the Program

The MUSC psychiatry residency program offers a research track for residents committed to pursuing research careers. The research track can be integrated within any of the three main residency programs and encompasses the last one or two years of residency training. The goal of the research training program is to increase the number of physicians with the skills to conduct patient-oriented research as independently funded investigators.

*Program Primary Aim:* To incorporate a research training program within a 4-year psychiatry residency program for physicians committed to pursuing clinical research careers.

*Program Secondary Aims:* To extend recruitment to earlier phases of medical training. To enhance the didactic education of non-DART psychiatry residents.

The DART Program Directors include Drs. Kathleen Brady, Sarah Book, and Sudie Back.

# DART Summer Research Fellows Excel

While the primary aim of the DART program has been to incorporate a research track within the 4-year psychiatry residency program for physicians pursuing clinical research careers, a secondary aim has been to extend participant recruitment into earlier phases of medical training. This aim has been accomplished through the creation of the DART Summer Research Fellowship, which allows students to work side-by-side for 10-12 weeks with experts to gain exposure to cutting edge clinical research techniques and interventions and explore a career in research. At the end of the summer, students give a formal, 10- minute PowerPoint presentation or poster presentation to their peers and program mentors describing their research.

The 2011 class was comprised of 30% minorities and 45% women. With a diverse background in education and research interests, following are the 2011 summer fellows and their respective academic home institutions:

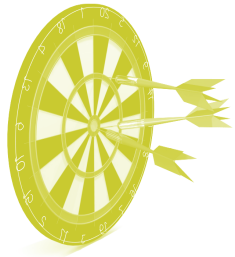
<b>Lauren Jamison</b>	<b>MUSC</b>
<b>Shauna Jenkins</b>	<b>MUSC</b>
<b>Erica Morgan Jones</b>	<b>MUSC</b>
<b>Christine Riyad</b>	<b>MUSC</b>
<b>David Strickland</b>	<b>MUSC</b>
<b>Ja'Pel Sumter</b>	<b>MUSC</b>
<b>Joshua Dowd</b>	<b>MUSC</b>
<b>Derek Leiner</b>	<b>MUSC</b>
<b>Rahul Loungani</b>	<b>MUSC</b>
<b>Christopher Menzel</b>	<b>MUSC</b>
<b>Andy Patel</b>	<b>MUSC</b>
<b>Aaron Schott</b>	<b>MUSC</b>
<b>Ryan Wade</b>	<b>MUSC</b>
<b>Allen Wylie</b>	<b>MUSC</b>
<b>Lindsey Johnson</b>	<b>MUSC</b>
<b>George Khouri</b>	<b>Nova Southeastern</b>
<b>Joanna Feller</b>	<b>College of Charleston</b>
<b>Janine Leger</b>	<b>UNC Wilmington</b>
<b>Courtney Marsh</b>	<b>University of South Carolina</b>
<b>Lauren Rovick</b>	<b>Indiana University</b>

## Examples of the 2011 summer research presentations include:

- Who Needs an MRI? Laterality and Specificity of Prefrontal Craving Centers for Treatment with TMS.  
**-Erica Morgan Jones-**
- Differences in Impulsivity among Drug-Dependent Populations.  
**-Ja'Pel Sumpter-**
- The Relationship of Impulsivity to Alcohol and Marijuana Expectancies in an Adolescent Psychiatric Sample.  
**-Shauna Jenkins-**
- Effect of Intranasal Oxytocin on Marijuana Craving.  
**-Aaron Schott-**
- Pilot Study: Tolerability and Functionality of Two High-Fiber weight Loss Diets.  
**-David Strickland-**

The DART program is grateful to our excellent team of research mentors. In 2011, we had a diverse group of faculty members from across campus & specialties including **Dr. Aimee McRae-Clark, Dr. Sarah Book, Dr. Megan Moran-Santa Maria, Dr. Karen Hartwell, Dr. Eve Spratt, Dr. Steve LaRowe, Dr. Liz Santa Ana, Dr. Mark George, Dr. Patrick O'Neil, Dr. Jenna McCauley, Dr. Carla Danielson, Dr. Steve Chin, Dr. Jeffrey Borckardt, Dr. Thomas Uhde, Dr. Bernadette Cortese, Dr. Kevin Gray, & Dr. Ziad Nahas.**

## 2011 DART Summer Research Fellows



Congratulations to an incredibly bright and enthusiastic group of budding researchers!

We're on the web!  
[www.musc.edu/dart](http://www.musc.edu/dart)  
<http://www.facebook.com/DART.MUSC>

# Meet the Residents:



**Erin Seery, M.D.**

Dr. Seery is a 3rd year resident in the General Psychiatry Program at MUSC. She received her medical degree from the University of Maryland. Her research interests include substance abuse and depression. With DART resident Robert Glenn, she is researching outcomes of Veterans Administrations patients who have co-morbid alcohol dependence and major depression. Dr Seery is mentored by **Dr. Robert Malcolm** and **Dr. Mark Hamner**.



**Robert Glenn, M.D.**

Dr. Glenn is a 3rd year resident in the general psychiatry program at Medical University of South Carolina where he also received his medical degree. His research interest is in exploring the rapid acting antidepressant effects of subanesthetic doses of intravenous ketamine in patients with co-morbid depression and alcohol dependence. He is mentored by **Dr. Robert Malcolm** and **Dr. Mark Hamner**.



**Amanda Roten, M.D.**

Dr. Roten is a 3rd year resident in the General Psychiatry Program and MUSC. She received her medical degree from the University of Alabama School of Medicine in Birmingham, Alabama. Her research interests include substance abuse in adolescents. Her current project is on determining if attitudes in adolescents change following education regarding risk of psychosis with cannabis use. Dr. Roten is mentored by **Dr. Kevin Gray**.



**Todd Magro, M.D.**

Dr. Magro is a 4th year resident in the General Psychiatry Program at MUSC. He received his medical degree from the University of Tennessee. His research interests include substance abuse. Currently, he is researching outcomes of Veterans Administrations patients who have been treated with long-acting naltrexone for alcohol dependence. Dr. Magro is mentored by **Dr. Raymond Anton** and **Dr. Tara Wright**.



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**Upcoming Conferences:**

**ASAM**

**43rd Annual Medical-Scientific Conference**  
**October 27-29, 2011 in Washington, DC**  
[www.asam.org](http://www.asam.org)

**American Academy of Addiction Psychiatry**  
**22nd Annual Meeting**  
**December 8-11, 2011**  
**Scottsdale, AZ**  
<http://www3.aaap.org/>

**ADAA 32nd Annual Conference**  
**April 12-15, 2012**  
**Arlington, Virginia**  
[www.adaa.org](http://www.adaa.org)

**American Psychiatric Association**  
**165th Annual Meeting**  
**May 5-9, 2012**  
**Philadelphia, PA**  
[www.psych.org](http://www.psych.org)

**College on Problems of Drug Dependence**  
**74th Annual Meeting**  
**June 9-14, 2012**  
**Palm Springs, CA**  
[www.cpdd.vcu.edu](http://www.cpdd.vcu.edu)

**Research Society on Alcoholism**  
**35th Annual Scientific Meeting**  
**June 23-27, 2012**  
**San Francisco, CA**  
[www.rsoa.org](http://www.rsoa.org)



**HOW TO APPLY:** All application materials are accepted on a rolling basis with a deadline of **March 1st**.

For more application information, please visit our website: [www.musc.edu/dart](http://www.musc.edu/dart)

**DART Seminars Fall, 2011**

**Tuesdays, 9:00 am–10:00 am**  
**Roper Medical Office Building, Suite 140**

- 8/23/11 — Orientation
- 9/6/11 — Working with the IRB  
Stephanie Gentilin
- 9/13/11 — Endnote  
Terri Lynn Herbert
- 9/20/11 — SPSS I  
Annie Simpson, MSCR
- 9/27/11 — SPSS I  
Annie Simpson, MSCR
- 10/11/11 — Preparing a Grant Budget  
Stephen Skelton
- 10/18/11 — Data Management & Statistics  
Annie Simpson, MSCR
- 10/25/11 — REDCap  
John Clark
- 11/1/11 — Clinical Research Ethics  
Raymond Anton, MD
- 11/8/11 — Working with Research Naïve Settings  
Therese Killian, MD
- 11/15/11 — Searching for Funding Mechanisms  
Joann Sullivan, MD, MPH
- 11/22/11 — SCRT & Success Center Service Overview  
Stephanie Gentilin
- 11/29/11 — K23 & NIH LRP Experiences  
Brian Tolliver, MD
- 12/6/11 — Adolescent Substance Abuse  
Deborah Deas, MD, PHD
- 12/13/11 — Conference Submissions and Poster Presentations  
Matthew Carpenter, PHD