Recent CV COE Faculty Publications December through February

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Below are a few highlights from the list:

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Career Development Corner

The Academic Journey meetings are held monthly, featuring a faculty member at Wake Forest School of Medicine or a visiting clinician/scientist from the Cardiovascular Sciences Center Seminar Series. These meetings are designed for graduate and medical students/postdoctoral fellow and residents/ junior faculty members to spend time with distinguished physicians and scientists from our institution or other academic institutions and learn about their journeys to becoming successful clinicians/research scientists/educators. Our most recent meeting was with Dr. James de Lemos from UT Southwestern. The next Academic Journey meeting will be held Thursday, March 15th, from 4 until 5, at Biotech Place. Our speaker will be Dr. TanYa Gwathmey-Williams, Assistant Professor in Surgery/Hypertension, Director of the Hypertension Core Laboratory and Co-Director of the Institutional Research and Career Development Award (IRACADA) and the Post-Baccalaureate Research Program (PREP). Future career journeys will feature Dr. Brian Griffin from the Department of Cardiovascular Medicine at The Cleveland Clinic (in May), and Dr. Stavros Drakos from the Division of Cardiovascular Medicine at the University of Utah (in June). Please watch your email for more details.

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Wake Forest Baptist Medical Center has been named as one of the Top 50 Cardiovascular Hospitals in the nation, according to IBM Watson Health. The deciding factors for ranking on the list were clinical outcomes for heart attack, heart failure treatments, coronary bypass, and angioplasty surgeries, as well as 30-day mortality and readmission rates. For more information, please visit http://intranet.wakehealth.edu/In-the-Spotlight/2017/Wake-Forest-Baptist-Recognized-as-a-Top-Heart-Hospital.htm

Achievements

Ryne DeBo, MS, PhD received the 2017 Radiation Research Editors’ Award at the Annual Meeting of the Radiation Research Society in Cancun Mexico for his first authored manuscript “Late Effects of Total-Body Gamma Irradiation on Cardiac Structure and Function in Male Rhesus Macaques” published in the July 2016 issue of Radiation Research. A key figure from the manuscript was selected for the cover of the journal. Dr. DeBo received his PhD degree in Molecular Medicine and Translational Sciences in May 2017 and was a post-doctoral fellow in Comparative Medicine until January 2018 when he was hired as a Scientist in Prevention at the Juvenile Diabetes Research Foundation in New York City. Congratulations to Ryne for landing this ‘dream job’ as he has battled Type 1 diabetes for over 20 years and has been an avid fundraiser for the organization.

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Funding and Awards

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Katherine Cook, PhD, received a Young Investigator Award METAvivor Foundation grant of $50,000 for research into treatments for established metastatic breast cancer. The grant title is: “Dietary Considerations Effecting Lung Metastatic Therapeutic Responsiveness and Co-morbidities,” Dr. Cook is also a collaborator with Dr. Pierre Vidi in Cancer Biology on a recently funded Department of Defense grant “Impact of a Community-Based Diabetes Prevention Trial on Epithelial Biomarkers of Breast Cancer Risk.”

David Soto-Pantoja, PhD also received a Young Investigator Award METAvivor Foundation grant of $50,000 to target the receptor CD47 to enhance immune cell attack against metastatic breast cancer. His grant title is: “Anti-CD47 Immunotherapy as a Treatment for Metastatic breast Cancer”

Events and Speaking Engagements

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The Experimental Biology 2018 ASPET Symposium Cardiovascular Consequences of Metabolic Targeting in Obesity, co-chaired by Amy Arnold, PhD and Debra Diz, PhD, will be held in San Diego on Wednesday, April 25, 2018, 8:30 am – 11:30 am (topics include adiponectin, angiotensin-17, energy balance and hypertension in obesity, endocannabinoids). Dr. Diz’s presentation will be titled: “The Endocannabinoid System and Cardiometabolic Risk Factors.”

Erin Barnes, MD is the most recent recipient of the CTSI’s KL2 Mentored Career Development Award. The title of Erin’s project is “Development of an E.H.R. Case Identification Tool for Intravenous Drug Use Infective Endocarditis (IDU-IE).” As a Research Scholar, Erin will receive 75% salary support for at least 2 years, up to $35,000/year to support educational and research needs, an Individual Development Plan, and a multi-disciplinary mentoring team.
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The Endocannabinoid System: Partners in Cardiometabolic Risk

Dr. Soto-Pantoja

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Dr. Anthony

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The Career Development Committee is glad to provide help with grant reviews/critiques prior to submission or during resubmission for early career stage investigators. If you would like assistance, please contact Dr. Ann Tallant (attallant@wakehealth.edu) and she will identify faculty who can critique your proposal and provide advice.

Dean’s Research Symposia Showcases All-Star Array of CVSC Speakers and Trainee Posters

The Cardiovascular Sciences Center had the honor of participating in the Dean’s Research Symposia series on February 21. The symposia was a great success, drawing in researchers institution wide. Representatives from Comparative Medicine, Cardiovascular Medicine, Hypertension, PHS, Vascular Surgery, Pediatrics, Molecular Medicine, and Gerontology highlighted the cast of speakers, while thirteen selected graduate students and trainees competed in a friendly poster competition. Attendees of the symposium were tasked with rating the posters using a 1-5 star voting range. In the end, graduate students Alexa Hendricks and Fatima Ryalat tied for the win. Congratulations Alexa and Fatima!

Good News!

Wake Forest School of Medicine Cardiovascular Sciences Center

First Quarter 2018

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