

**Gatton Student Center
Grand Ballrooms**

Check In @ 8:30 am

Opening Remarks @ 9:00 am

Alan Daugherty, PhD, DSc | Director, Saha Cardiovascular Research Center

Round 1 - Lightning Talks: Trainee Research Snapshots @ 9:05 am

Moderator: Gregory Graf, PhD

All Trainees can present concise, high-impact overviews of their research with one static slide in two minutes or less. An abstract and prior registration is required.

Assistant Professor Showcase @ 9:15 am

Moderator: Hong Lu, PhD

Diego Lucero, PhD | Assistant Professor, Saha Cardiovascular Research Center

Decoding LDL Metabolism: From Gene Discovery to Molecular Mechanisms

Xu Xiao, PhD | Assistant Professor, Saha Cardiovascular Research Center

Intracellular Cholesterol Transport in Metabolic Disease

Brooks Lane, PhD | Assistant Professor, Biomedical Engineering

Mechanics, Remodeling, and Resilience in Aortopathies

Cheavar Blair, PhD | Assistant Professor, Saha Cardiovascular Research Center

A Cardiac Clock in a Dish: Building a Human Circadian Model in iPSC-Derived Cardiomyocytes

Break @ 10:15 am

Round 2 - Lightning Talks: Trainee Research Snapshots @ 10:30 am

Moderator: Preetha Shridas, PhD

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Alumni Presentation @10:45 am

Moderator: Nate Helsley, PhD

A Phillip Owens III, PhD | Professor, Internal Medicine, University of Cincinnati
The Evolving Role of Platelets in AAA Initiation and Progression

Poster Judging @ 11:15 am

Odd numbered posters judged.

Poster Session @11:30 am

Presenters remain at their boards for collaborative discussions.

Lunch @ 12:15 pm

Moderator: Alan Daugherty, PhD

Andrew Plump, MD, PhD | President, Research & Development, Takeda
Careers and the Making of Medicines: From Your 'Why' to the Real World of Drug Development

Break @ 1:15 pm

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Trainee Showcase @ 1:30 pm

Moderator: Wally Whiteheart, PhD

Erich Franz - MD, PhD Student | Whiteheart Lab

Combining Volume Electron Microscopy and Computational Fluid Dynamics Analysis to Understand How Arterial Thrombi Become Occlusive

Grant Kelley - Medical Student | Mentor: Sibu Saha, MD

Diagnosis and Treatment of Patent Ductus Arteriosus in Full-Term Infants: A Single-Center Experience

Katie Neglia - Undergraduate | Cooper Lab

*Isoflurane Effects on Larval *Drosophila* Cardiac Tissue*

Matt Thomas, PhD - Postdoctoral Fellow | Pendergast Lab

Late Sleep Timing is Associated with Metabolic Risk in Postmenopausal Women

Clairity Voy - Graduate Student | Gordon Lab

Lipoproteins Are Susceptible to Proteolytic Modifications That May Alter Their Atherogenicity

Evan Neary - Undergraduate | Macauley Lab

A High-Fat, High-Sugar Diet Drives Regional Plaque Deposition and Vascular Remodeling in a Model of Amyloid Pathology

Round 3 - Lightning Talks: Trainee Research Snapshots @ 2:30 pm

Moderator: Ila Mishra, PhD

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Poster Judging @ 2:45 pm

Even numbered posters judged.

Poster Session @ 3:00 pm

Presenters remain at their boards for collaborative discussions.

Gill Award for Outstanding Cardiovascular Research @ 3:45 pm

Moderator: Scott Gordon, PhD

Alan Remaley, MD, PhD | Senior Investigator, NHLBI

Lipoprotein Metabolism: A Personal Journey from Bench to Bedside

Networking Reception @ 4:30 pm

An informal gathering to continue conversations sparked during the research day and to foster new connections across research areas and career stages. Trainees are encouraged to participate in the Networking Game at this time.

Awards Ceremony @ 5:15 pm