Research in the Emory University School of Medicine

Jeremy M. Boss, Ph.D.
Associate Dean for Basic Research
August 2017
Sponsored Research Awards
Emory Medicine Faculty
Fiscal Years 1996-2016

In Millions

119 134 156 174 195 213 233 248 263 266 282 301 333 384 417 428 407 405 403 441 436
# Research Dean’s Office

- Allan Levey
- Jeremy Boss
- Haian Fu
- Jeff Lennox
- Suresh Ramalingam
- Michael Zwick

- Patricia Haugaard
- Darryl Barr
- Rachel Sedlack-Prittie
Functions of the Research Dean’s Office

• Research Core Facilities
• Division of Animal Resources
• Clinical Trials and Translational Research Activities
• Catalyst and Bridge funds
• Research Recognition Awards
• International Alumni Network
• Office of Postdoctoral Education
• Human Embryonic Stem Cell Oversight
• VA Memorandum of Understanding
Emory Integrated Core Facilities

Mike Zwick

Website  www.cores.emory.edu
Pursue Strategic Platforms: Cryo-EM Initiative

- Establish Cryo-EM for single particle structures as a research platform in GA
- Recruit Faculty in Biochemistry
- Purchase high-end automated instrumentation
- Plan and fund space renovations
- Coordinate state-wide initiative for development of a high resolution Cryo-EM center
Create an Atlanta-wide home for clinical and translational investigators

Develop an Atlanta-wide integrated clinical research network for conducting clinical and translational science

Integrate, improve, and innovate the quality of education and training programs for the next generation of clinical and translational researchers

Leverage pilot grant programs to promote new and interdisciplinary clinical and translational science

Develop a clinical and translational research program for children in Georgia

Enhance, through a focus on health disparities, community engagement in clinical and translational research
Recognize Discovery & Achievement

- **Game Changers**  Membership to date: 10

- **MilliPub Club**: recognizes faculty who have published individual papers that have garnered >1000 citations. Membership to date: 172

- **The Emory 1%**: recognizes current faculty who have scored in the top 1% in their study section. Membership to date: 81
GameChangers

- Andreas Gruentzig: developed angioplasty
- Doug Wallace: opened the field of human mitochondrial genetics
- Don Stein: Progesterone for TBI
- Chris Larsen and Tom Pearson: Belatacept for transplants
- Ernie Garcia: Emory Cardiac Toolbox
- Steve Warren: Fragile X discovery and trinucleotide repeat disorder mechanisms
- Ray Schinazi and Dennis Liotta: Lamivudine (3TC) and emtricitabine (FTC) for HIV
- Mahlon DeLong: Surgery for Parkinson’s Disease
- Helen Mayberg: Deep brain stimulation for major depression
- Rafi Ahmed: PD-1 immunomodulator pathway
Collaborate – ITS FUN!