8th annual Department of Medicine Research Day

October 30, 2015

David S. Stephens, MD
Department of Medicine FY 2016

- 20+ locations
- 141,000+ square feet
- 609 faculty
- 253 WOC faculty
- 67 PhDs
- 255 clinical FTEs EHC, FTEs VA, Grady
- 307 staff
- 201 residents
- 131 fellows
- 51 post-docs
- 188 principal investigators
- Set a departmental record in FY15 with more than $92 million in research awards (plus $9 million VA and AREF funding)
Congratulations

Department of Medicine investigators:

- Record extramural departmental funding – more than 20% ahead of FY14
- Expanded federal and foundation awards in cardiology, infectious diseases, digestive diseases, and geriatrics
- Research proposals up 15%
- 5 new MilliPub papers, 3 new Emory 1% inductees, one Outstanding Postdoc Award
- High-impact publications
188 PIs in FY15

CTSA included
## 2015 Research Accomplishments

### Department of Medicine Research Productivity

<table>
<thead>
<tr>
<th>Division</th>
<th>Number of Publications, June 2014-May 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cardiology</td>
<td>228</td>
</tr>
<tr>
<td>Digestive Diseases</td>
<td>44</td>
</tr>
<tr>
<td>Endocrinology</td>
<td>65</td>
</tr>
<tr>
<td>General Medicine &amp; Geriatrics</td>
<td>60</td>
</tr>
<tr>
<td>Hospital Medicine</td>
<td>11</td>
</tr>
<tr>
<td>Infectious Diseases</td>
<td>161</td>
</tr>
<tr>
<td>Nephrology</td>
<td>63</td>
</tr>
<tr>
<td>Pulmonology</td>
<td>86</td>
</tr>
<tr>
<td>Rheumatology/Immunology</td>
<td>17</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>738</strong></td>
</tr>
</tbody>
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2015 Albert E. Levy Award Recipients

Senior Faculty: Leslee J. Shaw, PhD (Cardiology)

Dr. Shaw’s work on the effectiveness of cardiovascular imaging has led to groundbreaking findings on long-term prognosis of major atherosclerotic and ischemic risk markers.

Junior Faculty: David S. Weiss, PhD (Infectious Diseases)

Dr. Weiss’ work seeks to reveal the ways in which bacterial pathogens resist antibiotics and the host immune system, so as to develop novel therapeutics to combat drug-resistant bacteria.
New MilliPub Papers

- Wayne Alexander (Cardiology)
- Kathy Griendling (Cardiology)
- Bernard Lassegue (Cardiology)
- Dan Sorescu (Cardiology)
- Peter Wilson (Cardiology)
- Larry Phillips (Endocrinology)

The Emory 1%

- Amir Rezvan (Cardiology)
- Kathy Griendling (Cardiology)
- Alejandra San Martin (Cardiology)

**New: Outstanding Post Doc Award**

Salim Hayek (Cardiology), mentor: Arshed Quyyumi
R. Wayne Alexander
Excellence in Research Accomplishment:
• Carlos del Rio
  (Infectious Diseases)

Outstanding Research Citation – Basic Science:
• Jyothi Rengarajan (Infectious Diseases)
• Michael Davis (Cardiology)

Outstanding Research Citation – Clinical/Translational:
• Andreas Kalogeropoulos (Cardiology)
• G. Marshall Lyon (Infectious Diseases)
2015 Shanthi V. Sitaraman Silver Pear Mentoring Award – Research Faculty

“Mike is not only one of the most intellectually gifted scientists with whom I have ever worked, he is a generous mentor, colleague and friend. There is simply nobody who does not respect and admire him and students, residents, fellows and faculty seek him out as a mentor and collaborator.”

Michael Hart, MD
(Pulmonary, Allergy, Critical Care & Sleep Medicine)
Notable New Clinical Trials

• **ISCHEMIA Coordinating Center – NIH NHLBI**
  Leslee Shaw (Cardiology)

• **Evaluation of Influenza-Specific Immune Responses in Children and Adults – Emmes Corporation**
  Srilatha Edupuganti (Infectious Diseases)

• **Medimmune SRA**
  S. Sam Lim (Rheumatology)
New Notable Grants

NIH R01 Awards

Molly Perkins (General Medicine & Geriatrics)
Young Sup Yoon (Cardiology)
Shanthi Srinivasan (Digestive Diseases)

VA Merit Awards

Hui Cai (Nephrology)
Peter Wilson (Cardiology)
Robert Hoover (Nephrology)
David Weiss (Infectious Diseases)
Jeanie Park (Nephrology)

NIH Career Development Awards

Amir Rezvan (Cardiology) K08
Alanna Morris (Cardiology) K23

...and more!

R. Paul Johnson (Infectious Diseases) Gates Foundation
Neal Dickert (Cardiology) PCORI
Bruce Ribner (Infectious Diseases)
Ebola National Training Center
Kathy Griendling (Cardiology)
NIH P01
Mark Mulligan (Infectious Diseases) VTEU
2015 DOM FAME Grants

John Paul Norvell, MD  
(Digestive Diseases)

"Multi-Parametric Magnetic Resonance Imaging: A New Non-Invasive Test to Predict Liver Outcomes"

Gina Lundberg, MD  
(Cardiology)

"Release Time Grant for 10,000 Women Hypertension Screening Project"
2015 Research Accomplishments

Signature Programs and Events

• Data Analytics and Biostatistics (DAB) Core (61)
• Grant writing support program with Janet Gross (12)
• Consult Program: grants and manuscripts (16)
• CDA Committees (28)
• 8th annual Research Day (280 registrants)
• Quality Day (185 registrants)
• Monthly Research Resources 101 workshops (28 recorded & archived)
• Blue Sky Groups (16 groups)
New in FY16

• Innovation Brown Bag Lunch Series
  First Wednesdays at noon
  Next workshop: Patent Law, 11/4 at noon in EUH E-450

• Introduction to Health Services Research course
  Applications due 11/13

• Innovation working group *(coming soon)*
Special Thanks

Department of Medicine Office of Research

• Kathy Griendling
• Russ Price
• Ashley Freeman

Research Day Co-Coordinators

• Madeleine Hackney
• Alejandra San Martin

Poster Judges

Abstract Judges

Administrative Support
Stephanie Granada, Katie Davis, Kelly Frazer Johnson, Alia Kamel, Emily Thomas, Emalee Haines