**EMORY UNIVERSITY SCHOOL OF MEDICINE** 

### RESEARCH SPOTLIGHT

Congratulations to the trainees in the Department of Surgery and the Department of Medicine who received training grants from the Georgia Clinical & Translational Science Alliance (CTSA) and will begin their training programs this Fall. Several research projects by DOM and DOS trainees will focus on health services and outcomes research topics.

Select Master of Science in Clinical Research (MSCR) Trainees



**Dr. Mattie Wolf**Second-Year NeonatalPerinatal Medicine Fellow



**Dr. Wendy Fujita**Infectious Disease Fellow
at Emory University School
of Medicine

"The Influence of Neighborhood Deprivation Index on Infant Mortality Rates in Georgia."

"Utilization of Substance use Treatment Among Men and Women with and at Risk for HIV."



Dr. Jade Jones

Assistant Professor in the Department of Hematology and Medical Oncology at Emory School of Medicine

"Assessing Provider Perceptions and Practices Regarding Molecular Testing in Black Women with Metastatic Breast Cancer at an Academic and Public Hospital in Georgia."

#### Select Certificate ProgramTranslational Research (CPTR) Trainees



**Dr. Megan Urbanski**Postdoctoral Fellow in the
Transplant Health Services
and Outcomes Research
Program at Emory University
School of Medicine



**Dr. Laura Downey**Assistant Professor in the Department of Pediatric Anesthesiology at Emory University School of Medicine

"Exploring COVID-19 Vaccine Perspectives Among Patients with End-Stage Kidney Disease" Research Interest: Pediatric Coagulation.

The Masters of Science in Clinical Research program will provide trainees with innovative didactic and mentored research training for a future career in clinical and/or translational research. The Certificate Program in Translational Research program will provide trainees with the opportunity to conduct research at the interface between basic and translational science and clinical medicine.

**EMORY UNIVERSITY SCHOOL OF MEDICINE** 

### RESEARCH SPOTLIGHT



Dr. Katherine Ross-Driscoll

Assistant Professor
Division of Transplantation at
Emory University School of Medicine
and
Department of Epidemiology at
Rollins School of Public Health

#### **CTSA KL2 Award Recipient**

Dr. Ross-Driscoll is recognized for her work as an epidemiologist and health science researcher. Her research focuses on the influence that access to care and quality of care has on racial, socioeconomic, and geographic disparities in outcomes among patients with end-stage liver disease (ESLD). Her work currently focuses on improving access to and outcomes from solid organ transplantation as a member of the Transplant Health Services and Outcomes Research Program and the Health Services Research Center at Emory.

Recently, Dr. Ross-Driscoll was awarded a Georgia Clinical and Translational Science Alliance KL2 Award. Dr. Ross-Driscoll will apply her KL2 to identifying the factors that influence liver transplant waitlisting among hepatocellular carcinoma (HCC) patients with end-stage liver disease (ESLD) in Georgia. The insights gained will ideally influence future interventions to increase access to liver transplants and reduce potential inequity among HCC patients in the Southeast. In order to learn more about how inconsistencies in the referral and evaluation of HCC patients for liver transplant may contribute to racial, socioeconomic, and geographic disparities in transplant rates, the project team will create a unique linkage of data derived from the Georgia Cancer Registry involving HCC patients with ESLD with referral and evaluation data from the Emory Transplant Center and Piedmont Transplant Institute. Dr. Ross-Driscoll will also conduct semi-structured interviews to characterize perceived barriers to transplant referral and evaluation among both HCC patients and providers.

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### **TUNE IN FOR...**

#### 34th Healthcare Innovation Symposium

Regenerative Medicine for COVID: Hope or Hype?

Join the virtual symposium to learn more about "Regenerative Medicine for COVID: Hope or Hype?" with speakers from Duke, University of Miami, Emory, Georgia Tech, and UGA.

Wed | 07/14/2021 | 12 PM - 2 PM EST

Register <u>here.</u>
More Information can be found <u>here.</u>

#### **Keynote Speakers:**

#### Joanne Kurtzberg, MD

Jerome Harris Distinguished Professor of Pediatrics and Professor of Pathology Director, Marcus Center for Cellular Cures Director, Pediatric Blood and MarrowTransplant Program Duke University Medical Center



Louis Lemberg Professor of Medicine Senior Associate Dean for Experimental and Regenerative Therapeutics Director, Interdisciplinary Stem Cell Institute University of Miami Miller School of Medicine Chief Science Officer & Chair, Longeveron Inc.









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### **TUNE IN FOR...**

#### 2021 AcademyHealth Annual Research Meeting

The 2021 Annual Research Meeting convened virtually this past June. Attendees were able to learn about new research, innovative methods, and had robust discussions about the impact of health services research on health policy and practice. The conference provided attendees with the opportunity to build connections, recognition, reflection, learning, and professional networking opportunities.

Access to program content is available until July 19, 2021. More information can registration/login can be found <u>here.</u>

**EMORY UNIVERSITY SCHOOL OF MEDICINE** 

### **UPCOMING EVENTS**

#### **Seventeenth Annual Scientific Session**

Surgical Outcomes Club

#### **De-Implementation of Low Value Care**

This panel will focus on de-implementation, including appropriateness measurement, identification of factors contributing to ongoing unnecessary use of low-value tests or treatments, and interventions/strategies that reduce low-value care.



#### Predictive Analysis and Artificial Intelligence in Surgical Care

This panel will highlight the use of predictive analytics and artificial intelligence in surgical care. Topics will include natural language processing, imaging analysis, and predictive model development, as well as integration of these tools into health care delivery.



#### Sun | 10/24/2021

Registration to the 2021 Annual Scientific Session will open in early Summer. More information can be found here.

**EMORY UNIVERSITY SCHOOL OF MEDICINE** 

### **WEBINARS**

## **Emory School of Medicine Grand Rounds**

School of Medicine Grand Rounds occur every Tuesday from 12PM - 1PM.

Subscribe to the Grand Round mailing list here: https://med.emory.edu/departments/medicine/education/cme-grand-rounds.html

Archived sessions can be viewed here.

**Featured DOM Grand Rounds:** 

5/25/21: "¡Doctor: Virtual Care in the Pandemic"

#### Speaker:

Benji Mathews, MD, FACP, SFHM Chief of Hospital Medicine, Regions Hospital, HealthPartners; Associate Professor of Medicine, University of Minnesota Medical School

**EMORY UNIVERSITY SCHOOL OF MEDICINE** 

### **WEBINARS**

## Department of Surgery Grand Rounds

Surgical Grand Rounds occur every Thursday from 7AM - 8AM.

To be added to the email list for the monthly grand rounds schedules, contact Sean Moore, Communications Manager for the Department of Surgery, at srmoore@emory.edu.

Surgical Grand Rounds can be viewed remotely at:

- Grady Memorial Hospital, Sherman Conference Room, 3rd floor, Glenn Building
- Emory Johns Creek Hospital, Administrative Conference Room
- Emory Saint Joseph's Hospital, Education Center, Classroom 4
- Emory University Hospital Midtown, Davis Fischer Building, Classroom 3

#### Information on upcoming Surgical Grand Rounds can be found here.

#### **Upcoming Surgical Grand Rounds:**

#### **Perspectives on Success**

Presented by Steven M. Roser, DMD, MD Thurs |07/08/2021

### Building a Bariatric Surgery Quality Improvement Portfolio: How to Bloom Where You Are Planted

Presented by Elizabeth M. Hechenbleikner, MD Thurs |07/15/2021

### Novel Mechanism for Augmenting Adoptive T cell Transfer Therapy for Cancer

Presented by Chrystal M. Paulos, PhD Thurs |07/22/2021

#### MBA Insights for Healthcare Delivery and Administration

Presented by Ram Subramanian MD, MBA Thurs | 07/29/2021

**EMORY UNIVERSITY SCHOOL OF MEDICINE** 

### **CALL FOR PROPOSALS**

**Woodruff Health Sciences Center Synergy Awards** 

The Woodruff Health Sciences Center (WHSC) wishes to support new collaborative projects between the schools, centers, and faculty of the WHSC. The Synergy awards support the WHSC Strategic Plan by bringing researchers together across organizational boundaries in order to catalyze innovation and discovery. The collaboration should represent a substantive contribution by each of the partners at the two (or more) institutions. These awards are meant to spark new, synergistic interactions between investigators and potentiate scientific achievements of the highest quality and impact. Applications are solicited from faculty of all disciplines at the schools of medicine, nursing, public health, Yerkes Primate Center, the Winship Cancer Institute, and other units, from basic to clinical, and from all levels of academic rank. Synergy Awards will consist of up to \$100,000 with an award term of one year. Applicants must present a credible plan describing how they will make substantial progress with one year of funding. Carryover of funds to a second year will be considered with justification under special circumstances.

#### **Eligibility:**

- Collaborations across all WHSC entities are eligible for consideration.
- Must include a minimum of two Principal Investigators who are faculty members with primary appointments in two different schools in the WHSC (SOM, SON, or R SPH).
- A principal investigator may only participate in one Synergy Award application in each round. The proposal cannot be duplicative with other funding at the time of the award.

Proposals are due by July 6th, 2021 to barbara.walsh@emory.edu.

For more information, please email Barbara Walsh at barbara.walsh@emory.edu or Gayathri Srinivasan at gayathris@emory.edu.

See the attachment below for more information.

#### 2021 SYNERGY AWARDS



#### **REQUEST FOR PROPOSALS**

June 03, 2021

Dear Woodruff Health Sciences Center Colleagues:

The Woodruff Health Sciences Center (WHSC) announces the next cycle of the WHSC Synergy Awards to support **new** collaborative projects between the schools, centers, and faculty of the WHSC. The Synergy awards support the WHSC Strategic Plan by bringing researchers together across organizational boundaries in order to catalyze innovation and discovery.

This announcement seeks proposals for novel research projects led by faculty of the Woodruff Health Sciences Center schools and centers. These awards are meant to spark new, synergistic interactions between investigators and potentiate scientific achievements of the highest quality and impact.

Collaborations across all WHSC entities are eligible for consideration. Proposals must each include, at a minimum, two Principal Investigators who are faculty members with **primary appointments** in two different schools in the WHSC (SOM, SON or RSPH). The collaboration should represent a substantive contribution by each of the partners at the two (or more) institutions. Applications are solicited from faculty of all disciplines at the schools of medicine, nursing, public health, Yerkes Primate Center, the Winship Cancer Institute and other units, from basic to clinical, and from all levels of academic rank.

These awards are not intended to support already established projects or minimal extensions of ongoing research programs. Collaborators who have worked and published together in the past are not excluded, but the project itself must be new, highly innovative, and as yet unfunded and unpublished.

Synergy Awards will consist of **up to \$100,000** with an award term of one year. Applicants must present a credible plan describing how they will make substantial progress with one year of funding. Carryover of funds to a second year will be considered with justification under special circumstances.

The application deadline is July 6th. Funding is anticipated to begin September 1, 2021 and 7-10 Synergy Awards are anticipated.

#### **ELIGIBILITY**

A principal investigator may only participate in <u>one</u> Synergy Award application in each round. The proposal cannot be duplicative with other funding at the time of the award.

#### **APPLICATION**

Applications will consist of:

- 1) A **cover sheet** indicating the title of the project, faculty and schools involved and contact information.
- 2) The **research proposal** should include four sections that succinctly describe the following:
  - Innovative hypothesis to be tested or goal to be achieved; why is the problem important; how are the proposed studies novel and not merely an extension of previously funded or published work; how does the work advance the goals of the Woodruff Health Sciences Center Strategic Plan?
  - Nature of the collaboration that enables the proposed work; is this a new collaboration (encouraged); if not, applicants must clearly describe how the project represents a new direction. The description should outline a substantive contribution from each of the co-PI collaborators.
  - Approach to be pursued during the year of funding
  - Expected impact of the proposed studies beyond the initial funded phase, including what future work would be enabled

The research proposal section can be **no more than three pages**. References are not included in the three-page limit and letters of support are not requested or considered. Shorter applications are encouraged. Since Synergy Awards are intended for new innovative collaborative projects, no preliminary data are required.

- 3) A minimal, **one-page budget** that describes how the funding will be allocated to each investigator in the collaboration and how it will be apportioned for any personnel, supplies and equipment. Any budget amount up to \$100,000 can be proposed. Faculty salary and equipment costs can be included as desired. No indirect costs should be included in the budget.
- 4) A National Institutes of Health-style <u>biosketch</u> for each principal investigator that includes all current and pending support from all sponsored and non-sponsored sources. Each biosketch is limited to five pages.

Each proposal must be submitted with the above four items compiled into a single PDF. The PDF file name format must be: Last name of Corresponding PI (dot) First Name of Corresponding PI (dot) pdf. (Example: Stephens.David.pdf).

The proposals will be reviewed using an NIH scoring system.

| Score | Descriptor   | Additional Guidance on Strengths/Weaknesses         |
|-------|--------------|---|
| 1     | Exceptional  | Exceptionally strong with essentially no weaknesses |
| 2     | Outstanding  | Extremely strong with negligible weaknesses         |
| 3     | Excellent    | Very strong with only some minor weaknesses         |
| 4     | Very Good    | Strong but with numerous minor weaknesses           |
| 5     | Good         | Strong but with at least one moderate weakness      |
| 6     | Satisfactory | Some strengths but also some moderate weaknesses    |
| 7     | Fair         | Some strengths but with at least one major weakness |
| 8     | Marginal     | A few strengths and a few major weaknesses          |
| 9     | Poor         | Very few strengths and numerous major weaknesses    |

**Minor Weakness:** An easily addressable weakness that does not substantially lessen impact

Moderate Weakness: A weakness that lessens impact
Major Weakness: A weakness that severely limits impact

For consideration, all proposals must be received by **July 6, 2021**. Please click on the links below (or send via email) to submit proposals or questions.

Please submit proposals to: <u>barbara.walsh@emory.edu</u>

**Direct all inquiries to:** Barbara Walsh

(404) 727-4251

barbara.walsh@emory.edu

Gayathri Srinivasan (404) 727-9843

gavathris@emory.edu

I look forward to seeing your innovative and collaborative ideas.

Best,

Jonathan S. Lewin, MD, FACR

Executive Vice President for Health Affairs, Emory University Executive Director, Robert W. Woodruff Health Sciences Center President, CEO, and Chairman of the Board, Emory Healthcare

**EMORY UNIVERSITY SCHOOL OF MEDICINE** 

### **GRANT ANNOUNCEMENTS**

Health Services Research Center Pilot Grant - Department of Surgery

The HSR Center pilot grant is expected to assist early-stage investigators in gathering preliminary data to support applications for larger external funding and be more competitively scored. The pilot grant is anticipated to assist the department in growing its sponsored research portfolio. Established investigators could equally benefit if they desire to branch out into new areas or a related field but lack preliminary data. Proposals should be related to health services research would ideally involve multiple disciplines (e.g., clinical expert + methodologist) examining innovative solutions for issues such as healthcare quality, costs, equity/access to care, or dissemination research in surgical patients.

Pilot grant funding/seed funding for the Department of Surgery health services research-related projects for a one-year period, with potential for competitive renewal for a second year. Funding will not exceed \$25,000 per year in direct costs only. Only one grant will be awarded in this cycle.

#### **Eligibility:**

- Faculty of all levels are encouraged to apply but must have a faculty appointment in the Department of Surgery to be eligible
- Salary for faculty or clinical staff would not be an eligible expense for this RFA
- Principal investigators must have a faculty appointment in the Department of Surgery

Applications should be emailed to Larissa Teunis at larissa.j.teunis@emory.edu. Applications are due by July 30, 2021. Funding is anticipated to begin on September 1, 2021.

For additional information on application guidelines and formatting, visit the application <u>website</u>.

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### **GRANT ANNOUNCEMENTS**

Understanding and Addressing the Impact of Structural Racism and Discrimination on Minority Health and Health Disparities

This initiative will support observational or intervention research to understand and address the impact of SRD on minority health and health disparities. Projects must address SRD in one or more NIH-designated populations with health disparities in the US and should address documented disparities in health outcomes. It is also expected that projects will collect data on SRD beyond individual self-reported perceptions and experiences to include data at organizational, community, or societal levels. Projects are expected to involve collaborations with relevant organizations or groups of stakeholders. Each of the participating institutes has its own specific criteria and focus.

Letters of Intent are due by 5:00 pm on July 20th, 2021. Applications are due by 5:00 pm on August 24th, 2021. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

For more information on the program and how to apply, please visit the application <u>website</u>.

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### SPECIAL ANNOUNCEMENT

## In need of part-time student assistance for a health services research project?

Attention Department of Medicine and Department of Surgery Faculty Members

The Health Services Research Center in the Department of Surgery plans to hire and support up to two Rollins Earn and Learn (REAL) Master's in Public Health (MPH) students from the Rollins School of Public Health starting in September 2021 and continuing through late April of 2022. The intention for this program is to grow longer-term collaborations between methodologists in RSPH and clinicians in the Department of Surgery. All surgery faculty are eligible to apply for assistance.

The REAL program is an internship program supported in part by RSPH that allows MPH students to obtain applied public health experiences in real-world settings. First or second-year students in epidemiology, health policy & management, biostatistics, global health, and/or behavioral sciences & health education will apply for the positions, and the students will have the opportunity to work directly with the surgery department faculty on a research project. Students are eligible to work up to 20 hours per week. Faculty are expected to provide mentorship and oversight of the research project and the student, and meet with students on a regular basis (e.g., weekly). The REAL student will also have access to a biostatistician and epidemiologist in the HSR Center and will be invited to participate in monthly HSR Center lunch and learn activities.

### If interested in mentoring a REAL student this Fall, please send an email to lteunis@emory.edu by Friday, July 15, 2021, with the following information:

- Title of the research project
- Name & title of mentor/faculty lead, and other co-investigators involved in the project
- Brief description of the research project, proposed methods, justification for how this
  work will lead to future funding (e.g. pilot data collection or analysis for a grant
  submission), timeline, and expected role of the student
- Estimated number of hours/week needed for the project

Please note that we would like to hire a student \*specifically\* for your project to ensure there is an overlap of interests and create a mutually beneficial relationship. This will result in a lengthier timeline than normal so expect to be notified by early August of your status in this program.

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## SPECIAL ANNOUNCEMENT

**Coming Soon: the Health Services Research Center Is Hiring!** 

The Health Services Research Center in the Department of Surgery plans to hire and support these new positions in health services research.

#### **Available Positions:**

- Biostatistician
- Senior Program Coordinator
- Post-Doctoral Fellow

Please check out our website for careers in HSR.

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### SPECIAL ANNOUNCEMENT

**Grant Wise Consults** 

The new Georgia CTSA Grant Wise service offers the opportunity for one to receive one-on-one feedback and support with grant writing from experienced senior faculty. This resource is available to faculty of institutions within the Georgia CTSA (Emory University, Georgia Tech, Morehouse School of Medicine, and the University of Georgia). All grant types are welcome to submit a request for guidance.

#### Receive support with:

- · Developing a timeline
- Reviewing Specific Aims
- Writing/editing the text
- Responding to reviewers

Requests can be submitted to the online form.









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### RESEARCH RESOURCES

**Coronavirus Checker** 

C19 Checker website: https://c19check.com/start

Data collection is ongoing and includes users' symptoms, risk factors for COVID-19, and country/zip code. In addition, longitudinal data has also been collected on a cohort of users. To request to use the data, please email Griselda McCorquodale at gmccorq@emory.edu with a brief sentence about intended usage. In response, we will grant access and send out the data usage agreement form.

#### Access to the COVID-19 Data Analytics Platform

Researchers studying COVID-19 can now access an innovative new analytics platform that contains clinical data from the electronic health records of people who were tested for coronavirus or who have had related symptoms. As part of NCATS National COVID Cohort Collaborative (N3C) Data Enclave, the data within this source will help scientists study COVID 19 and answer clinically important questions about COVID-19 that they could not have answered previously, including potential risk factors, protective factors, and long-term health consequences.

More information and how to submit access requests can be found here: <a href="https://ncats.nih.gov/news/releases/2020/access-to-N3C-COVID-19-data-analytics-platform-now-open">https://ncats.nih.gov/news/releases/2020/access-to-N3C-COVID-19-data-analytics-platform-now-open</a>

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## WHAT ARE WE READING?



A Decade of Value-Based Payment: Lessons Learned And Implications For The Center For Medicare And Medicaid Innovation, Part 2

Worse Cardiac Arrest Outcomes During The COVID-19
Pandemic In Boston Can Be Attributed To Patient
Reluctance To Seek Care

Structural Racism Is Not An Exemption From Accountability



Experts Call for Scientific Innovation in Data Sources, Workforce and to Reimagine Public Health



Association of the COVID-19 Pandemic With Estimated Life Expectancy by Race/Ethnicity in the United States, 2020

<u>Use of Preventive Aspirin Among Older US Adults With and Without Diabetes</u>

THE LANCET

<u>COVID-19 vaccines for children younger than 12 years:</u> <u>are we ready?</u>

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## SELECT RECENT PUBLICATIONS

#### From Emory Health Services Research Center

- Crown A, Berry C, Khabele D, et al. The Role of Race and Gender in the Career Experiences of Black/African American Academic Surgeons: A Survey of the Society of Black Academic Surgeons and a Call to Action. Ann Surg. 2021;273(5):827-831. doi:10.1097/SLA.0000000000004502
- 2. Ross-Driscoll K, Patzer RE, Axelrod D. Ecological factors and post-transplant outcomes: Causation or correlation? [published online ahead of print, 2021 Jun 12]. Am J Transplant. 2021;10.1111/ajt.16716. doi:10.1111/ajt.16716
- 3. Melanson TA, Mersha K, Patzer RE, George RP. Loss to Follow-up in Adolescent and Young Adult Renal Transplant Recipients. Transplantation. 2021;105(6):1326-1336. doi:10.1097/TP.00000000003445
- 4. Beers KH, Sperati CJ, Weisman DS, et al. Improving Primary Care Delivery for Patients Receiving Maintenance Hemodialysis [published online ahead of print, 2021 May 13]. Am J Kidney Dis. 2021;S0272-6386(21)00601-6. doi:10.1053/j.ajkd.2021.02.340
- 5. Nguyen SH, Defnet AM, Pati BA, et al. Role of Negative Pressure Wound Therapy When Performing Elective Open Colectomy. Surg Infect (Larchmt). 2021;22(5):562-567. doi:10.1089/sur.2020.183
- 6. Robertson B, McDermott C, Star J, Lewin LO, Spell N. Synchronous virtual interprofessional education focused on discharge planning. J Interprof Educ Pract. 2021;22:100388. doi:10.1016/j.xjep.2020.100388
- 7. Tracy BM, Finnegan TM, Smith RN, Senkowski CK. Random forest modeling using socioeconomic distress predicts hernia repair approach. Surg Endosc. 2021;35(7):3890-3895. doi:10.1007/s00464-020-07860-6

#### **National Health Services Research**

1. Peek ME. Racism and health: A call to action for health services research [published online ahead of print, 2021 Jun 21]. Health Serv Res. 2021;10.1111/1475-6773.13693. doi:10.1111/1475-6773.13693