

HEALTH SERVICES RESEARCH CENTER

EMORY UNIVERSITY SCHOOL OF MEDICINE

HSR SEMINAR HIGHLIGHTS

"The Epidemiology of Young-onset Type 2 Diabetes and Its Complications: A Global Perspective" Presented By Dr. Diana Magliano

Thank you to those who were able to join us in-person or virtually for Dr. Diana Magliano's seminar. Dr. Magliano discussed the incidence and prevalence of young-onset type 2 diabetes as well as complications of this condition, with comparisons made to those with young-onset type 1 diabetes and older-onset type 2 diabetes.

Research has shown that young-onset type 2 diabetes is associated with an aggressive phenotype of diabetes. There is a high incidence and prevalence of young-onset type 2 diabetes in indigenous and other ethnic groups. Among those with young-onset type 2 diabetes, there is a higher treatment failure compared to usual or later onset.

Complications rates appear higher in young-onset type 2 diabetes versus age matched type 1 diabetes controls. Complications rates in young-onset type 2 diabetes are higher compared to older-onset type 2 diabetes, but whether this is due to those with young-onset having longer durations is still poorly understood.

We look forward to seeing Dr. Magliano's future work on this topic and the implications it has on health services for those with young-onset type 2 diabetes.

Risk factors associated with young-onset T2DM

Box 1 | Risk factors associated with young-onset T2DM

- Female sex
- Obesity and overweight
- Low birthweight
- Family history of type 2 diabetes mellitus (T2DM)
- Indigenous ethnicity
- Ethnicity
- Psychiatric medications
- Intrauterine environment (gestational diabetes mellitus, maternal obesity and diabetes mellitus)
- Low HDL
- High triglycerides
- Hypertension
- Nonalcoholic fatty liver disease
- Socioeconomic disadvantage
- Genetics



Magliano et al., *Nature Endo Rev.* 2019

HEALTH SERVICES RESEARCH CENTER

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Health Services Research Day Committee is looking for new members!

Join this excellent opportunity to expand your network & make a lasting impact in the field of Health Services Research

Requirements:

- Holds a two-year term
- Attends six one-hour meetings per year

Eligibility:

- CTSA affiliated institution faculty and trainees

Duties: The HSR Day planning committee's responsibilities include providing guidance and expertise throughout the planning process, ensuring that HSR Day highlights content relative to the value, quality, and effectiveness of health care. The committee is charged with identifying leading topics and an engaging and innovative keynote speaker, developing an agenda with relevant session topics, reviewing and scoring abstracts, recommending and implementing new processes and ideas for HSR Day, and helping with the development of standard policies and procedures.

To nominate yourself or someone else please visit <https://bit.ly/hsr2023>

Please submit all nominations by July 16, 2022



HEALTH SERVICES RESEARCH CENTER

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

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 2022 and continuing through late April of 2023. The intention for this program is to grow longer term collaborations between methodologists in RSPH and clinicians in the Department of Surgery and help assist faculty with peer-reviewed publications and with preliminary research that could serve as key pilot data for extramural funding. All surgery faculty are eligible to apply for assistance; review criteria include relevance to health services research and plans for how the work will lead to future funding.

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 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 and Trainee Research in Progress meetings.

If interested in mentoring a REAL student this Fall, please send an email to tracy.obertone@emory.edu by **Friday, July 15, 2022**, with the following information:

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



Health Services Research Center
Department of Medicine
and Department of Surgery

HEALTH SERVICES RESEARCH CENTER

EMORY UNIVERSITY SCHOOL OF MEDICINE

HSR CENTER EVENTS

Health Services Research Seminar

"Inequitable Access to Live Donor Kidney Transplant for Patients from Racialized Communities in Canada - Potential Causes and Possible Solutions"

Wed | 8/24/2022 | 2PM - 3PM | Virtual



Istvan Mucsi, MD, PhD
Transplant Nephrologist and
Clinician Investigator
Amjera Transplant Center and
Division of Nephrology, University
Health Network (UHN), Toronto

Istvan Mucsi, MD, PhD is a transplant nephrologist and clinician investigator at the Ajmera Transplant Centre and Division of Nephrology at the University Health Network (UHN) in Toronto. He is an Associate Professor of Medicine at University of Toronto. He studies potentially modifiable factors underlying inequities in the utilization of live donor kidney transplant among patients from racialized communities. This work is done in partnership with African, Caribbean and Black, Chinese and South Asian community organizations, patient partners and professionals from those communities. He employs both quantitative and qualitative research methodologies. These research projects inform the co-development of educational resources and clinical pathways supporting those communities to explore treatment options for kidney failure. He is the lead of the education pillar of the "Enabling Access to Kidney Transplantation" provincial (Ontario) strategy lead by the Ontario Renal Network. His

other research program is focusing on physical and emotional symptoms that are important determinants of quality of life of patients with kidney disease and solid organ transplant. He is validating tools developed by the Patient Reported Outcomes Measurement Information System (PROMIS®) and working on integrating these tools in the clinical workflow and to develop clinical response pathways for better patient centered care. He is a member of the UHN Transplant Outcome Research Group and the UHN PROM/PREM Clinical Advisory group. He is an expert advisor of the "Data innovation platform" of the Canadian Donation and Transplant Research Program and the European Cooperation in Science and Technology. He is the Hungarian national representative in the PROMIS Health Organization International Network.

Register here: https://zoom.us/webinar/register/WN_JdUYdE3USkCwh-Z7Nobocw

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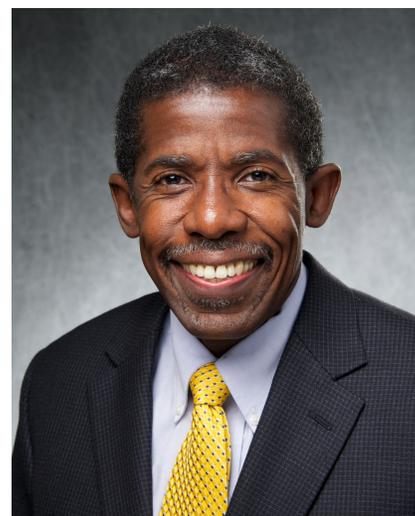
LOCAL EVENTS

Save the Date: Emory Department of Medicine Annual Research Day

Thurs | 10/27/2022 | 8AM - 5PM ET | Emory Student Center

The annual Department of Medicine Research Day has celebrated research efforts across the department since 2008. The event brings together researchers from all divisions and provides an opportunity to share exciting new findings, facilitate scientific exchange, and identify potential new collaborations.

This year's event will include featured research talks from Emory faculty, both oral and poster presentations, as well as a keynote address from E. Dale Abel, MD, PhD, William S. Adams Distinguished Professor of Medicine, and chair and executive medical director of the Department of Medicine at the David Geffen School of Medicine and UCLA Health. Dr. Abel has had a distinguished career in endocrine and metabolism research. His pioneering work on glucose transport and mitochondrial metabolism in the heart guides his current



research interests: molecular mechanisms responsible for cardiovascular complications of diabetes. Recent work has focused on mitochondrial mechanisms that mediate inter-organ crosstalk that may influence the pathophysiology of insulin resistance and mitochondrial pathways linking metabolism with increased risk for atherothrombosis.

Abstract submission and event registration will open shortly. For questions about Research Day, please contact Sarah McClellan.

Visit the Emory DOM website [here](#) for updates.

HEALTH SERVICES RESEARCH CENTER

EMORY UNIVERSITY SCHOOL OF MEDICINE

HSR CENTER GRANT OPPORTUNITY

HSR Center Pilot Grant Funding Opportunity

PROPOSAL DESCRIPTION: 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.

PURPOSE: Seed grants will fund projects to gather preliminary data which can later be converted to an R-series application or other sponsored funding opportunity with a secondary goal of encouraging collaboration across disciplines.

ELIGIBILITY INFORMATION: Faculty of all levels are encouraged to apply, but principal investigators must have a faculty appointment in the Department of Surgery to be eligible. A proposal 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. The focus can be local, regional, national, or international, but must include coinvestigators with appointments from a minimum of two schools.

Salary for faculty or clinical staff would not be an eligible expense for this RFA. Recommended expenses could include fees related to data acquisition, biostatistics support, effort for a research coordinator/project manager, student/trainee support, travel expenses, or publication expenses.

Applicants should email their completed applications to Tracy Obertone (tracy.obertone@emory.edu) with the subject line: HSR Center Pilot Grant Application **by 5 pm Monday August 1, 2022**. Questions about this application can be emailed to Tracy Obertone.

For more information about this pilot grant, see the RFA on the HSR Center website [here](#).



EMORY
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MEDICINE

Health Services Research Center

Department of Medicine
and Department of Surgery



We're Hiring

Post-Doctoral Fellow

Join Us



Are you interested in healthcare quality and health services research?

Our Health Services Research Center is looking for a post-doctoral fellow that is interested in helping design and conduct research within a specified field while receiving advanced training from a designated Principal Investigator to enhance professional skills and research independence needed for pursuit of a career.

TO APPLY EMAIL:

- Cover letter with interest
- Current CV
- Three references

Nader Massarweh MD, PhD
nnmassa@emory.edu

[FOR MORE INFO CLICK HERE](#)



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Health Services Research Center
Department of Medicine
and Department of Surgery

HEALTH SERVICES RESEARCH CENTER

EMORY UNIVERSITY SCHOOL OF MEDICINE

GRAND ROUNDS

Emory School of Medicine Grand Rounds

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

Grand Rounds are offered in the Emory University Hospital Auditorium (2E) from September through June. We encourage faculty from all divisions, residents, fellows, and medical students to attend. Each presentation is followed by a brief Q&A session.

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](#).

Department of Surgery Grand Rounds

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

Surgical Grand Rounds are held on Thursday mornings in the Emory University Hospital Auditorium, with the option to attend and participate virtually via Zoom. The EUH Auditorium is located on the 2nd floor of the hospital, E-Wing, Room E205.

Information on upcoming Surgical Grand Rounds can be found [here](#).

HEALTH SERVICES RESEARCH CENTER

EMORY UNIVERSITY SCHOOL OF MEDICINE

UPCOMING EVENTS

Health Services Research & Development Cyberseminars

U.S. Department of Veteran Affairs

The Health Services Research & Development division of the U.S. Department of Veteran Affairs has a plethora cyberseminars every month. Click [here](#) to view upcoming and past sessions. Below are some upcoming seminars.

Tuesday, July 12, 3:00pm ET

VIReC CMS Data Mini-Series

"Using Medicaid Data in VA Research"

by Kristin de Groot, MPH

Register [here](#)

Wednesday, July 13, 12:00pm ET

Focus on Health Equity and Action

"Enhancing Primary Care Experience in Patients with Homeless Experience and Chronic Pain: Lessons learned from the Primary Care Quality-Homeless Services Tailoring (PCQ-HOST) study"

by Stefan Kertesz, MD MSc ; Allyson Varley, PhD

Register [here](#)

Thursday, July 21, 12:00PM ET

Complementary and Integrative Health

"Telehealth Delivery of Multimodal Complementary Integrated Health (CIH) Intervention for Suicide Prevention"

by Lauren Byma, MMT, MT-BC, RYT 200 ; Fatemeh Haghighi, PhD

Register [here](#)

HEALTH SERVICES RESEARCH CENTER

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UPCOMING EVENTS

The 25th NIMH Conference on Mental Health Services Research

August 2-3, 2022 | 11AM - 6PM ET | Virtual

The National Institute of Mental Health is excited to virtually host the 25th NIMH Conference on Mental Health Services Research (MHSR): Transforming Challenges into New Opportunities.

This premier meeting brings together leading mental health services researchers, as well as clinicians, mental health advocates, and federal and non-federal partners. MHSR 2022 will highlight scientific opportunities for the next generation of high-impact research to drive mental health care improvement.

The main virtual conference events are scheduled August 2-3, 2022 and will feature keynote presentations, plenary panels, symposia, posters, and talks 'Forecasting the Future of Mental Health Services Research.'

Registration is free of charge however space is limited. Register today [here!](#)



HEALTH SERVICES RESEARCH CENTER

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UPCOMING EVENTS

Surgical Outcomes Club 18th Annual Scientific Session

Sun | October 16, 2022 | 8AM- 3PM PT | San Diego, California

John R. Clarke Keynote Speaker:



Michael Barry, MD, MACP
Massachusetts General Hospital

Discussion and Insights:

Pragmatic Trials: The Next Generation of Randomized Control Trials

Featured Speakers:

Michael D'Angelica, MD, FACS, Memorial Sloan Kettering

Giana H Davidson, MD, MPH, FACS, University of Washington

Shared Decision Making

Featured Speakers:

Katherine Chan, MD, MPH, University of North Carolina

Carrie Cunningham, MD, MPH, Massachusetts General Hospital

Luke Funk, MD, MPH, FACS, University of Wisconsin-Madison

Visit the Surgical Outcomes Club website [here](#) for more details. Registration opens July 2022.

HEALTH SERVICES RESEARCH CENTER

EMORY UNIVERSITY SCHOOL OF MEDICINE

UPCOMING EVENTS

Save the Date: 2022 PCORI Annual Meeting

Wednesday, October 26 - Thursday, October 27, 2022 | Arlington, VA + online

The PCORI Annual Meeting brings together members of the healthcare community, including researchers, patients, caregivers, clinicians, insurers, health system representatives, and other stakeholders. The event serves as a report to the nation on PCORI's progress in funding initiatives to determine which care approaches work best, for whom, and under what circumstances. This year's meeting will include both in-person and virtual attendance as PCORI continues to closely monitor the situation with COVID-19 and variants, with your safety being a top priority.

More details about the meeting will be available soon. Check for updates [here](#).

Registration will open July 18.

HEALTH SERVICES RESEARCH CENTER

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UPCOMING EVENTS

15th Annual Conference on the Science of Dissemination and Implementation in Health

(Re)Building Better Systems: Being Proactive, Nimble, and Responsive

December 11-14, 2022 | Walter E. Washington Convention Center |
Washington, DC

Call for Abstracts

- Call for Abstracts Opens: Thursday, May 19, 2022
- **Submission Deadline: July 19, 2022 at 5:00 p.m. ET**

View the Call for Abstracts [here](#).

Through a combination of plenaries, workshops, breakout, and poster sessions, the 15th Annual Conference on the Science of Dissemination and Implementation in Health, co-hosted by the National Institutes of Health (NIH) and AcademyHealth, supports the collective understanding of the research agenda, puts forth new findings, and identifies research priorities to set the field up for the next decade.

This year's theme, (Re)Building Better Systems: Being Proactive, Nimble, and Responsive, will build upon lessons learned about rapidly changing community health and clinical settings to envisioning new models for conducting D&I science that respond to the shifting needs of diverse systems and populations, and use flexible and rigorous methodologies to anticipate challenges and ongoing change.

View event details [here](#).



HEALTH SERVICES RESEARCH CENTER

EMORY UNIVERSITY SCHOOL OF MEDICINE

CALL FOR PROPOSALS

Robert Wood Johnson Foundation - Evidence for Action: Innovative Research to Advance Racial Equity

Evidence for Action prioritizes research to evaluate specific interventions (e.g., policies, programs, practices) that have the potential to counteract the harms of structural and systemic racism and improve health, well-being, and equity outcomes. We are concerned both with the direct impacts of structural racism on the health and well-being of people and communities of color (e.g., Black, Latina/o/x, Indigenous, Asian, Pacific Islander people, and other races and ethnicities)—as well as the ways in which racism intersects with other forms of marginalization, such as having low income, being an immigrant, having a disability, or identifying as LGBTQ+ or a gender minority.

This funding is focused on studies about upstream causes of health inequities, such as the systems, structures, laws, policies, norms, and practices that determine the distribution of resources and opportunities, which in turn influence individuals' options and behaviors. Research should center on the needs and experiences of communities exhibiting the greatest health burdens and be motivated by real-world priorities. It should be able to inform a specific course of action and/or establish beneficial practices, not stop at characterizing or documenting the extent of a problem.

While they will consider research on various aspects of health equity, they prioritize studies of interventions that are designed to reduce race-based disparities (e.g., by confronting a root cause of disparities or targeting benefits to those experiencing the greatest burdens). RWJF is particularly interested in strategies focused on developing healthy and equitable communities; supporting the needs of children, families, and caregivers; and fostering alignment among health care, public health, and social service systems.

Applications are accepted on a rolling basis.

Please contact your RAS unit and Nicole Dancz (nicole.dancz@emory.edu) to inform them of your intent to submit.

For more information and how to apply, please visit the [website here](#).

HEALTH SERVICES RESEARCH CENTER

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GRANT ANNOUNCEMENTS

NIDDK Funding Opportunity (F99/K00)

The Kidney, Urology or Hematology (KUH) Predoctoral to Postdoctoral Transition Award (F99/K00) is designed to help recruit promising graduate students, who are currently not involved in K, U, or H research and provide them a stable transition into a postdoctoral research experience focused on KUH research. This is an exceptional opportunity for students pursuing graduate studies in fields including, but not limited to, engineering, statistics, data science, imaging, biochemistry, neuroscience and genetics.

Graduate students who are already involved in K, U, or H research are not eligible for this F99/K00 award and are instead encouraged to apply for the Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31, [PA-21-051](#)).

Prospective applicants are strongly encouraged to contact the NIDDK Program Official early in the process to discuss eligibility and program goals.

Prospective applicants are strongly encouraged to contact the NIDDK Program Official, Christine Maric-Bilkan (christine.maric-bilkan@nih.gov) to discuss eligibility and program goals.

View the RFA [here](#).

The next application due date for new applications (non-renewals) is August 1, 2022.



HEALTH SERVICES RESEARCH CENTER

EMORY UNIVERSITY SCHOOL OF MEDICINE

GRANT ANNOUNCEMENTS

Apply Now: Conference Grants Focused on Advancing Health Services Research from AHRQ

AHRQ is accepting applications from organizations or individuals seeking funds to sponsor conferences to advance health service research. Applications may focus on research development; research design and methodology; dissemination and implementation; and research training, infrastructure and career development.

AHRQ is especially interested in supporting conferences that demonstrate strategies that include plans for disseminating complementary conference materials and products beyond the participants attending the event. Regionally-based conferences are acceptable with the expectation that plans will be developed for national dissemination. Such strategies might include, but are not limited to, submitting articles for publication, posting information on a website, and seeking formal opportunities to discuss conference information with others.

The agency invites applications from eligible public or nonprofit private colleges or universities, including minority-serving institutions of higher education, or individuals with the knowledge and resources to carry out research as program directors or principal investigators. Applicants from historically Black colleges and universities, Hispanic-serving institutions, Asian-American Native American Pacific Islander-Serving Institutions and Tribally Controlled Colleges and Universities are also strongly encouraged to apply.

Click [here](#) to view the announcement in the AHRQ website.

Click [here](#) to access the Notice of Funding Opportunity.

For questions, email R13conf@ahrq.hhs.gov.



Agency for Healthcare
Research and Quality

HEALTH SERVICES RESEARCH CENTER

EMORY UNIVERSITY SCHOOL OF MEDICINE

RESEARCH RESOURCES

Looking for resources to aid in your research endeavors?

Check out research resources highlighted by the HSR Center [here](#) such as:



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WHAT ARE WE READING?



The NEW ENGLAND JOURNAL of MEDICINE

Research to Move Policy — Using Evidence to Advance Health Equity for Substance Use Disorders



AcademyHealth

The Next Frontier in Research Data Sharing: NIH Policy Changes Are Coming

ScienceAdvances

Epidemiology beyond its limits



Proceedings of the 14th Annual Conference on the Science of Dissemination and Implementation in Health



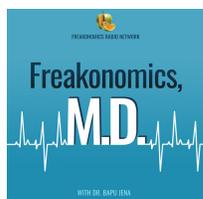
Improving health equity for older people with serious illness through value based payment reform



Race-Free Estimation of Kidney Function Clearing the Path Toward Kidney Health Equity

Association Between Physician Part-time Clinical Work and Patient Outcomes

WHAT ARE WE LISTENING TO?



35. Are More Expensive Hospitals Better?

HEALTH SERVICES RESEARCH CENTER

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SELECT RECENT PUBLICATIONS

From Emory Health Services Research Center

1. Codner JA, Falconer EA, Ashley DW, Sweeney JF, Saeed MI, Langer JM, **Shaffer VO**, Finley CR, Solomon G, Sharma J. Georgia Quality Improvement Programs Multi-Institutional Collection of Postoperative Opioid Data Using ACS-NSQIP Abstraction. *Am Surg.* 2022 Jul;88(7):1510-1516. doi: 10.1177/00031348221082286. Epub 2022 Mar 25. PMID: 35333645.
2. Doby BL, **Ross-Driscoll K**, Yu S, Godwin M, Lee KJ, **Lynch RJ**. Examining utilization of kidneys as a function of procurement performance. *Am J Transplant.* 2022 Jun;22(6):1614-1623. doi: 10.1111/ajt.16985. Epub 2022 Feb 22. PMID: 35118830.
3. Dube WC, Kellogg JT, Adams C, Collins MH, Lopman BA, **Johnson TM 2nd**, Amin AB, Weitz JS, Fridkin SK. Quantifying Risk for SARS-CoV-2 Infection Among Nursing Home Workers for the 2020-2021 Winter Surge of the COVID-19 Pandemic in Georgia, USA. *J Am Med Dir Assoc.* 2022 Jun;23(6):942-946.e1. doi: 10.1016/j.jamda.2022.02.014. Epub 2022 Mar 1. PMID: 35346612; PMCID: PMC8885283.
4. **Plantinga LC**, Hoge C, Vandenberg AE, James K, Masud T, Khakharia A, Gray C, Jaar BG, Lea JP, O'Donnell CM, Mutell R. A Web-Based, Provider-Driven Mobile App to Enhance Patient Care Coordination Between Dialysis Facilities and Hospitals: Development and Pilot Implementation Study. *JMIR Form Res.* 2022 Jun 10;6(6):e36052. doi: 10.2196/36052. PMID: 35687405.
5. Smothers L, **Patzer RE**, **Pastan SO**, DuBay D, **Harding JL**. Gender Disparities in Kidney Transplantation Referral Vary by Age and Race: A Multiregional Cohort Study in the Southeast United States. *Kidney Int Rep.* 2022 Apr 5;7(6):1248-1257. doi: 10.1016/j.ekir.2022.03.027. PMID: 35694555; PMCID: PMC9174037.
6. Veselsky SL, Poirier MV, Tracy BM, Castater CA, Mehta C, Minihan AK, Williams KN, Gelbard RB, Faloye AO, **Smith RN**. Mechanisms of Self-Inflicted Injuries at an Urban City Hospital. *Am Surg.* 2022 Jul;88(7):1669-1674. doi: 10.1177/0003134821998681. Epub 2021 Feb 25. PMID: 33629879.
7. **Wilk AS**, Cummings JR, **Plantinga LC**, Franch HA, Lea JP, **Patzer RE**. Racial and Ethnic Disparities in Kidney Replacement Therapies Among Adults With Kidney Failure: An Observational Study of Variation by Patient Age. *Am J Kidney Dis.* 2022 Feb 22:S0272-6386(22)00503-0. doi: 10.1053/j.ajkd.2021.12.012. Epub ahead of print. PMID: 35217093.
8. Zhang XF, Xue F, Wu Z, Lopez-Aguiar AG, Poultsides G, Makris E, Rocha F, Kanji Z, Weber S, Fisher A, Fields R, Krasnick BA, Idrees K, Smith PM, Cho C, Beems M, Lyu Y, **Maithe SK**, Pawlik TM. Development and Validation of a Modified Eighth AJCC Staging System for Primary Pancreatic Neuroendocrine Tumors. *Ann Surg.* 2022 Jun 1;275(6):e773-e780. doi: 10.1097/SLA.0000000000004039. Epub 2020 Jun 3. PMID: 32511134.

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STAY CONNECTED

How to subscribe to our listserv

Receive the latest news on health services research and events by subscribing to the Health Services Research Center Listserv.

You can subscribe to the listserv by sending an e-mail with a blank subject line and the following single line in the body (i.e., no signatures) from the account to which you wish to receive messages:

To: listserv@listserv.cc.emory.edu

Subject: (leave blank)

Body: subscribe HSRC-NEWS



Health Services Research Center
Department of Medicine
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