ON THE INSIDE

April - June 2024

School of Medicine • School of Graduate Studies • School of Allied Health Professions • Graduate Medical Education • Research



Titles are listed once due to space limitations in this newsletter.

HONORS AND APPOINTMENTS

Nimer Adeeb, MD, MBA, PGY-7, Neurosurgery, was named a section editor for *World Neurosurgery*.

Mabruka Alfaidi, MD, PhD, Assistant Professor of Internal Medicine, was a Grant Reviewer for the American Heart Association Vascular Discovery Conference, Chicago, IL, May 15-18.

Khaled Algohim, Cardiopulmonary Science Student, received the Third Place Poster Presentation Award at the Louisiana Society for Respiratory Care Educational Meeting, Baton Rouge, LA, April 17-19.

Anika Alla, SMART Student (Mentor: Christina Ledbetter, PhD), won First Place Overall at the Louisiana State Science and Engineering Fair, Baton Rouge, LA, March 27, and Third Place in Translational Medicine Science at the Regeneron International Science and Engineering Fair, Los Angeles, CA, May 11-17.

Joseph Camarano, MD, PGY-3, Neurosurgery, received the Council of State Neurosurgical Societies Socioeconomic Resident Fellow Award.

Prangthip Charoenpong, MD, MPH, Gratis Assistant Professor of Pulmonary Critical Care, and David Chambers, MD, Assistant Professor of Pulmonary Critical Care, served as Facilitators for the American Thoracic Society International Conference, San Diego, CA, May 17-22.

Ana-Maria Dragoi, MD, PhD, Assistant Professor of Molecular & Cellular Physiology, Associate Director of Feist-Weiller Cancer Center's IN-LET facility, received a Scientific Presentation Award at the National IDeA Symposium of Biomedical Research Excellence, Washington, D.C., June 16-19.

Michael Folse, MSII, received the 2024 Alpha Omega Alpha Carolyn L. Kuckein Student Research Fellowship.

Laura Handal-Abularach, MD, PGY-1, Psychiatry & Behavioral Medicine, won First Place in the case report division and Third Place in the poster division at the Louisiana Psychiatric Medical Association Spring Meeting, Baton Rouge, LA, May 1-3.

Ammar Husan, MD, MBA, Assistant Professor of Family Medicine, graduated from the Society of Teachers of Family Medicine Emerging Leaders

Corrie Jackson, MSIII, received the Best Podium Case Presentation Award at the Louisiana Society of Anesthesiologists Annual Meeting, New Orleans, LA, April 19-20.

Noel Jacquet, PhD Candidate, Pharmacology, Toxicology & Neuroscience, received the American Association for Cancer Research Minority Scholar in Cancer Research Travel Award.

Amir Kaskas, MSIII, received the Best Poster Award for the Cancer Biology Division at the American Head and Neck Society Annual Meeting, Chicago, IL, May 15-16.

Terry Lairmore, MD, FACS, Professor and Research Director for Surgery, and **Sylvia Mullen, MSII,** received the Fourth Place Overall Paper Award at the Louisiana Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April

Zachary Lee, MD, CA-2, Anesthesiology, and Matthew Sharpe, MD, CA-2, Anesthesiology, won First Place in the Resident Jeopardy Competition at the Louisiana Society of Anesthesiologist Annual Meeting, New Orleans, LA, April 19-20.

Cherie-Ann Nathan, MD, FACS, Chair and Professor of Otolaryngology-Head & Neck Surgery (HNS), received an American Academy of Otolaryngology-Head and Neck Surgery and Foundation "Living Legend" Hall of Distinction

A. Wayne Orr, PhD, Professor of Pathology & Translational Pathobiology and Director of Center for Cardiovascular Diseases and Sciences, was named President-Elect of the North American Vascular Biology Organization.

Arun Pramanik, MD, DCH, FAAP, FIAP, FRCPCH, Professor of Pediatrics, was named a Fellow of the Royal College of Paediatrics and Child Health and was nominated to the Committee of Fetus and Newborns of the American Academy of Pediatrics.

Keerthiga Raveendran, MD, Clinical Assistant Professor of Psychiatry & Behavioral Medicine, was elected as a Fellow of the American Psychiatric Association.

Krista Rodgers, PhD, Assistant Professor of Cellular Biology & Anatomy, served as a grant reviewer for the American Heart Association Transformational Project Award, Brain Sciences Study Section.

Navdeep Samra, MD, FACS, Professor of Surgery, and **Emily Adams, MD, PGY-5,** Surgery, received the First Place Overall Paper Award at the Louisiana

Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April 5-7.

Donald Sorrells, MD, Gratis Clinical Associate Professor of Surgery, and **Sean Clayton, MD, PGY-4,** Surgery, received the Second Place Overall Paper Award at the Louisiana Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April

Brantley Welch, BioStart Student (Mentor: **Gulshan Sunavala-Dossabhoy**, **PhD**), received Third Place in the Biomedical and Health Sciences Category of the Louisiana State Science and Engineering Fair, Baton Rouge, LA, March 27.

Ricky Wiggins, Center for Applied Immunology and Pathological Processes staff, received a Student Travel Award for the National IDeA Symposium of Biomedical Research Excellence, Washington, D.C., June 16-19

PLATFORM PRESENTATIONS

Mabruka Alfaidi, MD, PhD: "The Interleukin 1 Signaling in Vascular remolding and Early Artherosclerosis," National IDeA Symposium of Biomedical Research Excellence, Washington, D.C., June 16-19.

Khaled Algohim: "Artificial Intelligence Affects Diagnostic Outcomes in Pulmonary and Critical Care Medicine," Louisiana Society for Respiratory Care Educational Meeting, Baton Rouge, LA, April 17-19.

Adam Blancher, PhD, Clinical Associate Professor of Child and Family Services; Michelle Yetman, PhD, Clinical Assistant Professor of Rehabilitation Science: "Beyond the Badge: Enhancing Law Enforcement's Understanding and Response to Individuals with Autism," Louisiana Psychological Association Conference, New Orleans, LA, June 1.

Qiang Cai, MD, PhD, Division Chief and Professor of Gastroenterology & Hepatology: "Innovations in Third Space Endoscopy: Gastric Pyloromyotomy- A Miracle or Hox," Digestive Diseases Week, Chicago, IL, May 17-21.

Raquel Candal, MD, PGY-4, Surgery: "Impact of Vascular Resection on the Surgical Outcomes in Patients with Pancreatic Tumor," Louisiana Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April 5-7.

Tyler Compher, MD, PGY-1, Urology: "Urinary Factors Influencing Decision to Proceed with Living Kidney Donation among Candidates with Kidney Stone Disease," American Urological Association Meeting, San Antonio, TX, May 6.

Ana-Maria Dragoi, MD, PhD: "Interaction of Human Macrophages with Neisseria gonorrhoeae," National IDeA Symposium of Biomedical Research Excellence, Washington, D.C., June 16-19.

Jonathan Eaton, MD, Clinical Assistant Professor of Medicine, Program Director for Critical Care Medicine Fellowship: "'Staying Alive': ECMO Circuit Setup and Troubleshooting," American Thoracic Society International Conference, San Diego, CA, May 22.

Elliott Freeman, MFA, Research and Writing Librarian, was a panelist for "LLMs and Medical Personal Statements," 2024 Writing in Health Professions Conference, June 7.

Juliana Fort, MD, MPH, MBA, Clinical Professor of Psychiatry & Behavioral Medicine: "Getting Over 'Getting Over It': Build the Future of Trauma Informed Medical Education," Association of Directors of Medical Student Education in Psychiatry Annual Meeting, Pittsburgh, PA, June 22.

Alexander Gomelsky, MD, Chair and Professor of Urology, moderated "Billing for Urodynamic Studies in 2024: Best Practices to Maximize Value and Efficiency" and presented "Crossfire: Controversies in Urology: MUS vs. Bulking in a 55-Year-Old Woman SUI," American Urological Association Meeting, San Antonio, TX, May 3-6.

Laura Handal-Abularach, MD, PGY-1: "Deep Brain Stimulation for Tardive Dyskinesia in a Patient with Schizoaffective Disorder: A Case Report," Louisiana Psychiatric Medical Association Spring Meeting, Baton Rouge, LA, March 1-3.

Kevin Hebert, MD, MSCI, Assistant Professor of Urology: "Radiation Injury: Urethral Reconstruction," Arkansas Urological Society Meeting, Bentonville, AR, April 13; and "Assessing the Transfer of Surgical Expertise in Urethral Injury Repair: From International Volunteers to Local Urologists in Rwanda," American Urological Association Meeting, San Antonio, TX, May 3-6.

Corrie Jackson, MSIII: "POCUS to the Rescue in Helping to Diagnose Intraoperatively a Case of Severe Subclavian Stenosis," Louisiana Society of Anesthesiologists Annual Meeting, New Orleans, LA, April 19-20.

Rohit Jangra, PhD, MVSc, BVSc, Assistant Professor of Microbiology & Immunology: "A Novel BSL2 System for Comprehensive Analysis of Entry Glycoproteins," National IDeA Symposium of Biomedical Research Excellence, Washington, D.C., June 16-19.



ranked in the Top 5 programs in the country on the annual Otolaryngology Training Exam. Each year, all Otolaryngology residents take this exam, and this year LSU Health Shreveport's outstanding residents were top performers, an incredible accomplishment and evidence of the robust training program.

The Otolaryngology-Head & Neck

Surgery Residency Program

Jason Jordan, MD, Clinical Assistant Professor and Clerkship Director for Psychiatry & Behavioral Medicine, Director of Psychiatry Consultation and Liaison Psychiatry Service: "The Hybrid Curriculum: Where We Are, What Have We Learned," Association of Directors of Medical Student Education in Psychiatry Annual Meeting, Pittsburgh, PA, June 21.

Alan Kaye, MD, PhD, DABA, DABPM, DABIPP, FASA, Professor of Anesthesiology and Pharmacology, Toxicology & Neuroscience: "Sacroiliac Joint Dysfunction and Treatment Options Including Sacroiliac Joint Fusion," Ochsner Neuroscience Symposium, New Orleans, LA, May 16.

Nazih Khater, MD, Associate Professor of Urology, moderated "Kidney Cancer: Localized: Surgical Therapy" and presented "Robotic Nephroureterectomy," American Urological Association Meeting, San Antonio, TX, May 6.

Terry Lairmore, MD, FACS; Sylvia Mullen, MSII: "Patient-Specific Modeling for Parathyroid Adenomas Using 3D Printing," Louisiana Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April 5-7.

Maryam Mubashir, MD, PGY-6, Gastroenterology & Hepatology: "Analysis of Interstitial Cells of Cajal in Gastroparesis Patients with Different Etiologies versus Autopsy Samples from Individuals without Gastroparesis," Digestive Diseases Week, Chicago, II May 17-21

Taichiro Nonaka, DDS, PhD, Assistant Professor of Cellular Biology & Anatomy: "The Oral-Systemic Connection: How Saliva and Cancers are Connected," SalivaDirect Conference, Washington D.C., June 5-7.

Christina Notarianni, MD, FAANS, Professor and Residency Director for Neurosurgery, Director of Pediatric Neurosurgery: "Delivering an Impressive Sub-Internship Research Presentation," Women in Neurosurgery Guide to Research and Match Series Event, Virtual, June 12.

Paul Perkowski, MD, FACS, RPVI, Associate Professor of Surgery; Andrea Brumley, MD, PGY-3, Surgery: "Feasibility Study of Pressure Measurement for Pressure Ulcer Prevention," Louisiana Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April 5-7.

David Price, MD, Associate Professor of Urology: "Robotic Partial Nephrectomy," Arkansas Urologic Society Meeting, Bentonville, AR, April 12.

Shazia Rashid, MD, PGY-6, Gastroenterology & Hepatology: "The Role of Endoscopic Photo Documentation Education Amongst Gastroenterology Fellows in Improving Quality Improvement Initiative at a Tertiary Care Center," Digestive Diseases Week, Chicago, IL, May 17-21.

Armando Salinas, PhD, Assistant Professor of Pharmacology, Toxicology & Neuroscience: "Chronic Alcohol-Induced Deficits in Dorsal Striatal Cholinergic Transmission," Research Society on Alcohol Scientific Meeting, Minneapolis, MN, June 22-26

Navdeep Samra, MD, FACS; Emily Adams, MD, PGY-5: "Implementation of Antibiotic Stewardship Program Improves Compliance and Length of Stay after Trauma," Louisiana Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April 5-7.

Teresa Schauer, MSIII: "Early Bowel Obstruction Remains Uncommon: A Rare Events Model of the MBSAQIP from 2015-2021," American Society for Metabolic and Bariatric Surgery Annual Meeting, San Diego, CA, June 13.

Giovanni Solitro, PhD, Associate Professor of Orthopaedic Surgery: "Novel Finite Element Modeling Approach as a Radiation-Reducing Alternative for Fracture Prediction," International Society for the Advancement of Spine Surgery Annual Meeting, Miami, FL, April 26-29.

Donald Sorrells, MD; Sean Clayton, MD, PGY-4: "Novel Intestinal Expansion Sleeve: Promoting Distraction Enterogenesis in a Live Animal Model," Louisiana Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April 5-7.

Joshua Strobel, MD, PGY-2, Radiology: "Case Presentation: Carotid Cavernous Fistula," Radiological Society of Louisiana Annual Meeting, New Orleans, LA, May 25.

Danielle Terrell, MD, MPH, PGY-6, Neurosurgery, participated in the "Inaugural Tumor Board Interactive Case Discussion" at the American Association of Neurological Surgeons Annual Scientific Meeting, Chicago, IL, May 3-6.

Heidi Ventresca, MSIV, was a panelist for plenary session "Do They Hear What We Hear?: Inclusive Environments," AAMC 2024 Council of Faculty and Academic Societies Professional Development Conference, Arlington, VA, April 2-4.

Keith White, MD, FACS, Chair and Professor of Surgery; Connor Eckholdt, MD, PGY-4, Surgery: "T-Helper 17 Cells as Potential Mediators of Fluoroquinolone Induced Aortic Aneurysms," Louisiana Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April 5-7.

POSTER PRESENTATIONS

Anika Alla, SMART Student (Mentor: Christina Ledbetter, PhD): "Homotopic Connectivity as a Biomarker for Alzheimer's Disease," Louisiana State Science and Engineering Fair, Baton Rouge, LA, March 27, and Regeneron International Science and Engineering Fair, Los Angeles, CA, May 11-17.

Afsana Asharaf, MBBS, MD, Clinical Assistant Professor of Medicine and Pulmonary Critical Care; David Chambers, MD: "Autologous Blood Patch Pleurodesis for Secondary Pneumothoraces with Prolonged Air Leak," American Thoracic Society International Conference, San Diego, CA, May 17-

Assala Aslan, PhD, Radiology Fellow: "The Incidence of Vascular Injuries in Patients with Negative Cervical CT Following Blunt Trauma," American College of Radiology Annual Meeting, Washington D.C., April 13-17, and American Society of Neuroradiology Meeting, Las Vegas, NV, May 18-22.

TemitayoBamgbose,PhDCandidate,Microbiology& Immunology: "Lipin-1 RestrainsSynthesis to Promote Inflammation Resolution,"American Association of Immunologists AnnualMeeting, Chicago, IL, May 3-7.

Cory Coehoorn, PhD, Program Director and Associate Professor of Rehabilitation Science; Patrick St. Martin, MD, Sports Medicine Fellow: "Skin Temperature, Thermal Comfort and Thermal Sensation for Firefighters Exercising in the Heat," American College of Sports Medicine Annual Meeting, Boston, MA, May 28-31.

Cory Coehoorn, PhD; Jonathan Teran, MD, Sports Medicine Fellow: "Thermal Mapping Following Exercise in a Hyperthermic while Wearing Firefighter Personal Protective Equipment," American College of Sports Medicine Annual Meeting, Boston, MA, May 28-31.

Emily Dantes, MSIII: "Knowledge and Attitudes about Human Papillomavirus among Women in Rural Areas," American College of Preventative Medicine Conference, Washington, D.C., April 19.

Joseph Drinkard, MD, CA-1, Anesthesiology: "Educating Anesthesiologists to Identify EKG Lead V5 Abnormalities: Prospective Before-and-After Study," Louisiana Society of Anesthesiologists Annual Meeting, New Orleans, LA, April 19-20.

Julia Esparza, MLS, Executive Director of Library; David Duggar, MLIS, Head Librarian for Liaison Program; Elliott Freeman, MFA: "The Library's Value in LSU Health Shreveport Grant-Associated Publication Citations," Medical Library Association Annual Meeting, Portland, OR, May 19.

Sozan Fares, MD, PGY-3, Psychiatry & Behavioral Medicine; Saveen Sall, MD, PGY-3, Psychiatry & Behavioral Medicine; Joshua Woo, MSIV: "Mindfulness in the Treatment of Addiction," American Psychiatric Association Annual Meeting, New York City, NY, May 4.

Juan Gomez, MD, PGY-4, Radiology: "Lifting the Veil: When Breast Cancers Need Unmasking," American Roentgen Ray Society Meeting, Boston, MA, May 5-9.

Laura Handal-Abularach, MD, PGY-1: "Is Substance Abuse Disorder in Our Population Fully Understood? A Cross-Sectional Analysis," American Psychiatric Association Annual Meeting, New York City, NY, May 4 and Louisiana Psychiatric Medical Association Spring Meeting, Baton Rouge, LA, March 1-3.

Fiyad Haniff, DO, Pulmonary & Critical Care Medicine Fellow: "Prognostication Uncertainty Can Result in Preventable Deaths in Critically III Patients: Time Is of Essence," American Thoracic Society International Conference, San Diego, CA, May 17-22.

Oluwakemi Igiehon, PhD Candidate, Microbiology & Immunology: "Lipin-1 Influences Macrophage Mitochondrial Dynamics for Improved Disease Resolution," American Association of Immunologists Annual Meeting, Chicago, IL, May 3-7.

Noel Jacquet, PhD Candidate: "ADCK1 Inhibition Alters Cell Proliferation and Cell Cycle Progression in Liver Cancer Cells," American Association for Cancer Research Annual Meeting, San Diego, CA, April 5-10.

Elizabeth Jee, MD, PGY-1, Neurosurgery: "Off-Label Use of the Pipeline Embolization Device for Reconstruction of the Extracranial Internal Carotid Artery," American Association of Neurological Surgeons Annual Scientific Meeting, Chicago, IL, May 3-6.

Tryphena Jenkins, Psychology Intern: "Predicting Juvenile Recidivism: Comparing One-Time and Re-Offending Juvenile Groups," Louisiana Psychological Association Conference, New Orleans, LA, June 1.

Amir Kaskas, MSIII: "Complete Tumor Resection Reserves Neutrophilia-Associated Suppression of Systemic Anti-Tumor Immunity," American Head and Neck Society Annual Meeting, Chicago, IL, May 15-16

Marlyn Langford, PhD, FARVO, Associate Professor of Ophthalmology: "Immunohistological Analysis of Oxidative Stress Responses in Corneal Epithelium of Blind Painful Eyes," Association for Research in Vision and Ophthalmology Meeting, Seattle, WA, May 4-9.

Chintan Mehta, MD, PGY-3, Radiology: "Use of Novel LOBO Occlusion Device in a Single Institution," Global Embolization Oncology Symposium Technologies Meeting, New York City, NY, May 15-19.

Milin Rana, MD, PGY-3, Radiology: "Bilateral Choroid Metastasis from Breast Carcinoma," American Society of Neuroradiology Meeting, Las Vegas, NV, May 18-22.

Sarah Roblow, MSIV: "A Case of Mucopolysaccharidosis Type 1 with Associated Papilledema Respondent to Therapy," American Academy of Neurology Annual Meeting, Denver, CO, April 13-18.

Paul Perkowski, MD, FACS; Garrett Lambert, MD, PGY-4, Surgery: "Midfoot Amputation as an Adjunct for Limb Salvage in Select Patients with Peripheral Artery Disease with Critical Limb Ischemia," Louisiana Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April 5-7.

Anna Plemmons, MD, Pulmonary & Critical Care Medicine Fellow: "Unmasking of Connective Tissue-ILD Following COVID-19 Infection," American Thoracic Society International Conference, San Diego, CA, May 17-22.

Rona Scott, PhD, Professor of Microbiology & Immunology: "Empowering Research: The Evolution of the Bioinformatics and Modeling Core in the COBRE Center for Applied Immunology and Pathological Processes," National IDeA Symposium of Biomedical Research Excellence, Washington, D.C., June 16-19.

Matthew Sharpe, MD, CA-2: "Peri-Operative Vaping in Adolescents: A Looming Cloud for Anesthesia Providers," Louisiana Society of Anesthesiologists Annual Meeting, New Orleans, LA, April 19-20.

Anitha Shelvan, MD, CA-3: "Doubting Your Intubation? Status Asthmaticus Under General Anesthesia: Diagnosis and Management," Louisiana Society of Anesthesiologists Annual Meeting, New Orleans, LA, April 19-20.

Logan Slade, Research Associate, Pharmacology, Toxicology & Neuroscience: "Ethanol Effects on Dorsal Striatal Cholinergic Signaling," Research Society on Alcohol Scientific Meeting, Minneapolis, MN. June 22-26.

Donald Sorrells, MD; Lexus Trosclair, MD, PGY-3, Surgery: "Retained Vaginal Lengthening Using a Novel Vaginal Expansion," Louisiana Chapter of American College of Surgeons Annual Meeting, New Orleans, LA, April 5-7.

Nayanatara Swamy, MD, MBBS, Assistant Professor of Radiology: "Lifting the Veil: When Breast Cancers Need Unmasking — A Resident's Primer," American Roentgen Ray Society Annual Meeting, Boston, MA, May 3-6.

Sahith Thotamgari, MD, Cardiology Fellow: "Safety of Mechanical Circulatory Support in Patients with Liver Cirrhosis Hospitalized for Cardiogenic Shock: Insights from Nationwide Analysis," "A Rare Case of Double Chamber Right Ventricle Presenting in an Adult," and "Rural-Urban Disparities in Cardiovascular Disease — Related Mortality in Patients with Breast Cancer in the United States," American College of Cardiology Meeting, Atlanta, GA, April 6-8.

Joshua Twito, MD, Pulmonary & Critical Care Medicine Fellow: "A Toothy Disaster: Dental Extraction-Associated MRSA Bacteremia Induced Mycotic Aortic Aneurysm," American Thoracic Society International Conference, San Diego, CA, May 17-22.

Rachel Voss, MD, Assistant Professor and Associate Residency Program Director for Psychiatry & Behavioral Medicine; Sarah Kaufman, MD, PGY-3, Psychiatry & Behavioral Medicine: "Harm Prevention: An Act of Compassion," American Psychiatric Association Annual Meeting, New York City, NY, May 4.

Luke White, PhD, MSIV; Prangthip Charoenpong, MD, MPH; Robert Walter, MD, MPH, FCCP, Chief, Professor and Fellowship Program Director for Pulmonary & Critical Care Medicine: "Clinical, Hemodynamic and Genetic Characteristics of Human Immunodeficiency Virus Associated Pulmonary Arterial Hypertension: A Retrospective Analysis of the National Biological Sample and Data Repository for Pulmonary Arterial Hypertension," American Thoracic Society International Conference, San Diego, CA, May 17-22.

Ricky Wiggins: "Advancing High-Capacity Flow Cytometry: Development of Antibody Tracking and Sharing Software for Efficient Cost Sharing and Collaboration," National IDeA Symposium of Biomedical Research Excellence, Washington, D.C., June 16-19

Matthew Woolard, PhD, Professor of Microbiology & Immunology: "Creating a Cost-Efficient Immunophenotyping Core Supported by COBRE to Streamline Technology Adoption and Training," National IDeA Symposium of Biomedical Research Excellence, Washington, D.C., June 16-19.

Tailong Xu, MD, PGY-3, Radiology: "Intracerebral Schwannoma," American Society of Neuroradiology Meeting, Las Vegas, NV, May 18-22.

PUBLICATIONS

Taymaz Akan, PhD, Fellow, Bhuiyan Lab; Md. Shenuarin Bhuiyan, PhD, Professor of Pathology & Translational Pathobiology; Elizabeth Disbrow, PhD, Professor of Neurology, Director for the Center for Brain Health; Steven Conrad, MD, PhD, MS, MSE, MBA, MSST, MSC, Professor of Medicine, Emergency Medicine, Pediatrics and Surgery; John Vanchiere, MD, PhD, Professor of Pediatrics and Infectious Disease, Senior Associate Dean for Clinical Research, Director of Clinical Trials Office, Co-Director of Medical Student Research; Chris Kevil, PhD, Professor of Pathology & Pathobiology, Molecular & Cellular Physiology, and Cellular Biology & Anatomy; Mohammad A.N. Bhuiyan, PhD, Assistant Professor of Medicine, Director of Medical Student Research; et al.: "Joint Transformer Architecture in Brain 3D MRI Classification: Its Application in Alzheimer's Disease Classification," Scientific Reports, 14:8996, April 18.

Kristin Bembenick, MSIV; Jibin Mathew, MD, Assistant Professor of Anesthesiology; Shahab Ahmadzadeh, MD, Instructor of Anesthesiology; Michael Heisler, MD, CA-2, Anesthesiology; Harish Siddaiah, MD, FASA, Associate Professor of Anesthesiology; Peyton Moore, MD, Intern, Anesthesiology; Sahar Shekoohi, PhD, Anesthesiology Fellow; Alan Kaye, MD, PhD; et al.: "Hyponatremia with Anticonvulsant Medications: A Narrative Review," Cureus, 16(4):57535, April 3.

James Bridges, MSIII; Danielle Terrell, MD, PGY-6; S. Garrett Whipple, MD, PGY-6, Neurosurgery; Sungho Lee, MD, PhD, Assistant Professor of Neurosurgery; et al.: "Posterior Fossa Microcystic Meningioma Mimicking an Arachnoid Cyst," Radiology Case Reports, 19(4):1284-1287, March 31.

Steven Conrad, MD, PhD; et al.: "Reply to Tiruvoipati et al.: VENT-AVOID Trial: Avoiding Acute Hypercapnic Respiratory Failure!", *American Journal of Respiratory and Critical Care Medicine*, 209(12):1515, June 15.

Steven Conrad, MD, PhD; et Venopulmonary Extracorporeal Membrane Oxygenation: Background and Nomenclature," American Society Internal Organs Journal, May 20.

Steven Conrad, MD, PhD; et al.: "Prevalence Survival of Prolonged Venovenous Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome: An Analysis of the Extracorporeal Life Support Organization," *Critical Care Medicine*, 52(6):869-877, June 2024.

Kevin Hebert, MD, MSCI; et al.: "High Rates of Discordant Ureteral Perfusion During Open Ureteral Reconstruction with Indocyanine Green: Does Near-Infrared Fluorescence Imaging Change Management or Structure Outcomes?", *Urology, Management*

Sage Hebert, MSII; Melanie Green, MSIII; Sydney Mashaw, MSI; William Brouillette, MSI; Angela Nguyen, MSII; Kylie Dufrene, MSII; Anitha Shelvan, MD, CA-3, Anesthesiology; Shilpadevi Patil, MD, Associate Professor and Residency Program Director for Anesthesiology; Shahab Ahmadzadeh, MD; Sahar Shekoohi, PhD, Anesthesiology Fellow; Alan Kaye, MD, PhD: "Assessing Risk Factors and Comorbidities in the Treatment of Chronic Pain: A Narrative Review," Current Pain and Headache Reports, April 1.

Tarek Helmy, MD; Division Chief and Professor of Cardiology; et al.: "The Path to a Match for Interventional Cardiology Fellowship: A Major SCAI

LSU HEALTH SHREVEPORT FIRSTS

LSU Health Shreveport is proud to have two research "firsts" on campus, proving that the institution is succeeding in aiming high across all areas.





- Michael Folse, MSII, received the 2024 Alpha Omega Alpha Carolyn L. Kuckein Student Research Fellowship. He is the first LSU Health Shreveport student to receive this award.
- **Deborah Smith, BSN, MPH, PhD,** received the Louisiana Clinical and Translational Science Center (LA CaTS) Roadmap Scholar Award. She is the first LSUHS faculty member to receive this award.

Initiative," *Journal of the Society for Cardiovascular Angiography & Interventions*, May 28.

Nicholas Jones, MSIII; Raegan Abadie, MSIII, Camryn Keller, MSIII; Kamryn Jones, MSIII; Lloyd Ledet III, MSIII; Vincent Klapper, MD, PGY-2, Medicine; Pooja Potharaju, MD, Intern, Anesthesiology; Harish Siddaiah, MD, FASA; Sahar Shekoohi, PhD, Anesthesiology Fellow; Alan Kaye, MD, PhD, et al.: "Treatment and Toxicity Considerations in Tuberculosis: A Narrative Review," Cureus, 16(6):e62698, June 19.

Alan Kaye, MD, PhD; Lillian Anderson, MD, CA-3, Anesthesiology; Chizoba Mosieri, MD, Associate Professor of Anesthesiology; Shahab Ahmadzadeh, MD; Sahar Shekoohi, PhD, Anesthesiology Fellow; et al.: "The Evolving Role of Monomethyl Fumarate Treatment as Pharmacotherapy for Relapsing-Remitting Multiple Sclerosis," *Cureus*, 16(4):e57714, April 6.

Alan Kaye, MD, PhD; Caroline Burroughs, MSIV; Michael Heisler, MD, CA-2; Aya Mouhaffel, MD, CA-2, Anesthesiology; Shahab Ahmadzadeh, MD; Sahar Shekoohi, PhD, Anesthesiology Fellow; et al.: "Delirium Tremens: A Review of Clinical Studies," *Cureus*, 16(4):e57601, April 4.

Alan Kaye, MD, PhD; Kylie Dufrene, MSIII; Jada Cooley, MSIII; Madeline Walker, MSIII; Shivam Shah, MSI; Alex Hollander, MSII; Sahar Shekoohi, PhD, Anesthesiology Fellow; et al.: "Neuropsychiatric Effects Associated with Opioid-Based Management for Palliative Care Patients," Current Pain and Headache Reports, April 2.

Alan Kaye, MD, PhD; Nicholas Jones, MSIII; Tyler Tran, MSIII; Munira Khaled, MSIV; Sean Tilmon, MSIII; Michael Lieu, MSIII; Joseph Drinkard, MD, CA-1; Yair Lopez Torres, MD, CA-1, Anesthesiology; Edwin Herron, MD, Assistant Professor of Anesthesiology; Shahab Ahmadzadeh, MD; Sahas Shekoohi, PhD, Anesthesiology Fellow; et al.: "Ablation Compared to Pharmacological Treatment for the Reduction of Atrial Fibrillation Recurrence: A Meta-Analysis," Cureus, 16(6):e62728, June 19.

Alan Kaye, MD, PhD; Dominique Perilloux, MSII; Elizabeth Field, MSII; Cody Orvin, MSII; Spencer Zaheri, MSII; William Upshaw, MSII; Raju Behara, MD, CA-3, Anesthesiology; Tomasina Parker-Actlis, MD, Associate Professor of Anesthesiology; Shahab Ahmadzadeh, MD; Sahar Shekoohi, PhD, Anesthesiology Fellow; et al.: "Rabies Vaccine for Prophylaxis and Treatment of Rabies: A Narrative Review," Cureus, 16(6):e2429, June 15.

Alan Kaye, MD, PhD; Dominique Perilloux, MSII; Alison Hawkins, MSII; Grace Wester, MSII; Amanda Ragland, MSII; Sage Hebert, MSII; Julian Kim, DO, CA-2, Anesthesiology; Michael Heisler, MD, CA-2; Azem Chami, MD, Instructor of Anesthesiology; Sahar Shekoohi, PhD, Anesthesiology Fellow; et al.: "Tumor Necrosis Factor and Interleukin Modulators for Pathologic Pain States: A Narrative Review," Pain and Therapy, May 9.

Alan Kaye, MD, PhD; Amanda Ragland, MSII; Azem Chami, MD; Saurabh Kataria, MD, PGY-3, Neurology; Kylie Dufrene, MSIII; Sahar Shekoohi, PhD, Anesthesiology Fellow; et al.: "Peripheral Nerve Stimulation in Postoperative Analgesia: A Narrative Review," *Current Pain and Headache Reports*, April 20.

Alan Kaye, MD, PhD; William Upshaw, MSII; Camille Robichaux, MSII; Mark Frolov, MSII; Mark Dupaquier, MSII; Jeffrey Sterritt, DO, CA-2, Anesthesiology; Jibin Mathew, MD, Assistant Professor of Anesthesiology; Sahar Shekoohi, PhD, Anesthesiology Fellow; et al.: "Fake Xanax: Designer Emerging Benzodiazepine Epidemic Linked to Morbidity and Mortality, A Narrative Review," Neurology and Therapy, May 10.

Nazih Khater, MD; Shahab Ahmadzadeh, MD; Sahar Shekoohi, PhD, Anesthesiology Fellow; Alan Kaye, MD, PhD; et al.: "Clinical Considerations and Outcomes of Robotic Urologic Surgery in Obese Patients," *Turkish Journal of Anaethesiology and Reanimation*; 52(2):39-48, May 3.

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Liam Ordoyne, MSIII; Ivan Alvarez, MSIII; Grant Borne, MSIII; Isabella Fabian, MSIV; Dauren Adilbay, MD, Head & Neck Surgery Fellow; Ameya Asarkar, MD, Assistant Professor of Otolaryngology-HNS, Director of Head & Neck Robotic Surgery; Cherie-Ann Nathan, MD, FACS; Lindsay Olinde, MD, Clinical Assistant Professor of Otolaryngology-HNS; John Pang, MD, Assistant Professor of Otolaryngology-HNS; et al.: "Risk Factors for Complications in Patients Undergoing Temporal Bone Resection and Neck Dissection: Insights from a National Database," Annals of Otology, Rhinology & Laryngology, May 7.

Gulshan Sunavala-Dossabhoy, PhD, Associate Professor of Biochemistry & Molecular Biology; **Kevin McCarthy, PhD,** Chair of Cellular Biology & Anatomy; et al.: "Debulking of the Femoral Stem in a Primary Total Hip Join Replacement: A Novel Method to Reduce Stress Shielding," *Bioengineering,* 11(4):393, April 18.

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Jack Tolson, MSII; Robert Menuet, MSII; Gianni Ly, MSII; Benjamin Chanes, MSII; Elizabeth Bryan, MSII; Saurabh Kataria, MD, PGY-3; Julian Kim, DO, CA-2; Shahab Ahmadzadeh, MD; Sahar Shekoohi, PhD, Anesthesiology Fellow; Alan Kaye, MD, PhD: "Evolving Role of VIADISC for Chronic Low Back and Discogenic Pain: A Narrative Review," Expert Opinion on Emerging Drugs, April 15.

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RESEARCH

Md. Shenuarin Bhuiyan, PhD, was awarded a fiveyear, \$3.3 million R01 grant from the NIH National Heart, Lung and Blood Institute for his project "Novel Mitophagy Regulatory Mechanism in Heart

Ana-Maria Dragoi, MD, PhD, was awarded a fiveyear, \$1.78 million R01 grant from the NIH National Institute of Allergy and Infectious Diseases for her project "Mechanism of Macrophages Colonization in Gonorrhea."

J. Dedrick Jordan, MD, PhD, MSQM, MBA, Chair and Professor of Neurology, was awarded a fouryear, \$1.49 million grant from the Department of Defense for his project "Photobiomodulation Therapy Could Be a Potential Treatment Strategy for Post-Traumatic Stress Disorder."

Lauren Linquest, MSIV, and Karuna Dewan, MD, FACS, Associate Professor of Otolaryngology-HNS, received an American Society for Laser Medicine and Surgery Student Research Grant for their project "Laser for Leukoplakia: Which Office Laser Treatment is Better?"

Jerry McLarty, PhD, Professor of Medicine, Feist-Weiller Cancer Center, was awarded a five-year \$468,961 sub-award from the American Cancer Society in collaboration with LSU Health New Orleans for the project "Improving Cervical Cancer Prevention in Louisiana."

A. Wayne Orr, PhD, was awarded a five-year, \$2.87 million RO1 grant from the NIH National Heart, Lung, and Blood Institute for his project "EphA2 regulation of atherosclerotic smooth muscle phenotype."

Martin Sapp, PhD, Professor and Chair of Microbiology & Immunology, was awarded a five-year, \$1.8 million competing continuation for his R01 grant from the NIH National Cancer Institute for his project "Immediate Early Events of the HPV Life

Deborah Smith, BSN, MPH, PhD, received the Louisiana Clinical and Translational Science Center (LA CaTS) Roadmap Scholar Award.