

# ON THE INSIDE

For staff, students, and faculty of LSU Health Shreveport

July - September 2024

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

**LSU Health**  
SHREVEPORT

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

## HONORS AND APPOINTMENTS

**Cherie-Ann Nathan, MD, FACS**, Chair and Professor of Otolaryngology-Head & Neck Surgery (HNS), was inducted as a "Living Legend" into the American Academy of Otolaryngology-Head and Neck Surgery's Hall of Distinction at the 2024 AAO-HNS/F Annual Meeting in Miami, FL, on Sept. 28.

**Christopher G. Kevil, PhD**, Professor of Pathology & Translational Pathobiology, Molecular & Cellular Physiology, and Cellular Biology & Anatomy, Director of Center for Redox Biology and Cardiovascular Disease COBRE, and Malcolm Feist Endowed Chair of Cardiovascular Disease, was named a Fellow of the American Association for the Advancement of Science (AAAS) and was honored at the AAAS Fellows 150th Anniversary Gala in Washington D.C. on Sept. 21.

**Nazih Paul Khater, MD**, Associate Professor of Urology, was named President-Elect of the Louisiana Urological Society (LUS), as well as appointed as Chair of the Education and Science Committee for the LUS, which is a 3-year term (2025-2028).

**Elliott Freeman, MFA, ELS**, passed the rigorous certification exam to become board certified by the Board of Editors in the Life Sciences (BELS).

**Allison Liddle**, Physician Assistant Student, was selected to be a member of the PA Education Association (PAEA) 2024-2025 Student Health Policy Fellowship cohort.

**Drake Heinz, MSIV**, was selected as an Ochsner Psychiatry Physician Scholar.

**Karuna Dewan, MD, FACS**, Associate Professor of Otolaryngology-Head & Neck Surgery and Director of the Center for Ark-La-Tex Voice, Airway and Swallowing Center, was awarded a 2024 Honors Award by the American Academy of Otolaryngology-Head and Neck Surgery in recognition of meritorious service. Dr. Dewan was also recognized as a mentor in the 2024 Association of Women Surgeons-Surgery Reviewer Academy.

**Madeline Barclay, EdD, MPH, SAHP** Assistant Dean of Student Affairs and Clinical Assistant Professor of Public Health; **Megan Flavin, PT, DPT**, SAHP Assistant Dean of Clinical Affairs and Assistant Professor of Physical Therapy; **Laurie Priftis**, Director of Marketing and Communications for the LSU Health Sciences Foundation Shreveport; and **Deborah G. Smith, BSN, MPH, PhD**, Assistant Professor of Public Health, were named as 40 Under Forty Honorees for 2024 by the Greater Shreveport Chamber of Commerce and Young Professionals Initiative (YPI).

**Donna Brice**, Auxiliary Services Project Coordinator, won a National Association of College Auxiliary Services (NACAS) award and will be featured at the 2024 NACAS Regional Conference and national conference, C3X Annual Conference, in October.

**Christina Notarianni, MD**, Professor of Neurosurgery, was selected as Women in Neurosurgery (WINS) Woman of the Month for August 2024.

**Randa Eshaq, PhD**, Postdoctoral Fellow, Physiology, was selected to participate in the 2024-2025 NASA Spaceflight Technology, Applications and Research (STAR) program.

**Ana Maria Dragoi, PhD**, Assistant Professor of Molecular and Cellular Physiology, received a Scientific Merit Award for her presentation, "Interaction of human macrophages with Neisseria gonorrhoeae," at the 2024 National IDeA Symposium of Biomedical Research Excellence (NISBRE) Conference in Washington D.C.

## PRESENTATIONS

**Jacob Campbell, MSIV; Runhua Shi, MD, PhD**, Professor of Internal Medicine, Feist-Weiller Cancer Center; **Kristin Delgado, MSIV; Madeline Walker, MSIV; Kirsten Maddox, MSIV; Mckenzie Pugh, MSIV; Miles Minvielle, MD, PGY-3**, Surgery; **Connor Eckholdt, MD, PGY-5**, Surgery; **Paul Perkowski, MD, FACS, RPVI**, Associate Professor of Surgery; **Chiranjiv Virk, MD**, Associate Professor



of Surgery: "Retrospective Review of Outcomes and Amputation Rates at a Major Trauma Center following Extremity Vascular Injury," Canadian Society of Vascular Surgery (CSVS) Annual Meeting, St John's, Newfoundland and Labrador, Canada, Sept. 13-14.

**Lynn Harrison, PhD**, Professor of Molecular and Cellular Physiology and Program Scientist for Space Biology, NASA Biological and Physical Sciences Division: Space Biology and Biological & Physical Sciences (BPS) Funding, Space Health Impacts for the NASA Experience (SHINE), March and July 2024.

**Seth Swinney, MD, PGY-3**, Urology: "Could a novel 'CRUST' scoring system predict the need for PCNL and multi-modal endourological approaches for complex urolithiasis and retained ureteral stents?" Louisiana Urological Society 2024 Annual Meeting, Lafayette, LA, Aug. 9-10.

**Joseph Fitz-Gerald, MD, PGY-3**, Urology: "Assessment of Genitourinary Radiation Injuries Following Prostate Cancer Treatment Using the Utah Population Database," Louisiana Urological Society 2024 Annual Meeting, Lafayette, LA, Aug. 9-10.

**Steven Kautz, MD**, Assistant Clinical Professor of Orthopaedic Surgery: "Discharge Destination: An Independent Risk Factor for Prosthetic Joint Infection," Southern Orthopaedic Association Annual Meeting, Miami Beach, FL, July 19.

**Abigail Fruge, MSIII**: "External Fixation V Bracing in Initial Treatment of Multiligament Tears of the Knee," Department of Orthopaedic Surgery, Southern Biomedical Engineering Conference, Shreveport, LA, Sept. 13.

**Jamie Toms, MD**, Assistant Professor of Neurosurgery: "Deep Brain Stimulation in Movement Disorders," Southern Biomedical Engineering Conference, Shreveport, LA, Sept. 13.

**John Preston Wilson, MSIII**: "Neuromodulation of Basal Nucleus of Meynert: Effect of Activation Patterns on the Network Coupling with Cortex," Department of Neurosurgery, Southern Biomedical Engineering Conference, Shreveport, LA, Sept. 13. Recipient of the Best Medical Student Presentation Award.

**John Preston Wilson, MSIII**: "Deep Brain Stimulation of Nucleus Basalis of Meynert: Different Activation Patterns Results in Varying Spectral Topography in Cortex," Mini Oral Podium Presentations for

Stereotactic and Functional Session at the 2024 Congress of Neurological Surgeons (CNS) Annual Meeting, Houston, TX, Sept. 30.

**Bharat Guthikonda, MD**, Chairman and Professor of Neurosurgery: "Outcomes of Expansion of an Endoscopic Transsphenoidal Program," 2024 Congress of Neurological Surgeons (CNS) Annual Meeting, Houston, TX, Sept. 28 - Oct. 2.

**Patrick Massey, MD, MBA**, Vice Chair and Professor, Residency Program Director, and Director of Clinical Research for Orthopaedic Surgery: "What Donor Region has the Lowest Risk of Fracture During Insertion of an Osteochondral Autograft Transfer Plug: A Human Cadaver Analysis," American Orthopaedic Society for Sports Medicine, Denver, CO, July 10-14.

**Patrick A. Massey, MD, MBA**: "Construct and Transfer Validity of 3D Printed Simulators for Medical Education," Southern Biomedical Engineering Conference, Shreveport, LA, Sept. 14.

**Sarah Walker, MSIII**: "Limb Survival of Grade III Open Tibia Fractures After Creation of an Oral Maxillofacial Soft Tissue Flap Team," Department of Orthopaedic Surgery, Southern Biomedical Engineering Conference, Shreveport, LA, Sept. 13.

**Benjamin Chanes, MSIII**: "Acromioclavicular Joint Reconstruction: A Biomechanical Comparison of a New Hybrid Technique," Department of Orthopaedic Surgery, Southern Biomedical Engineering Conference, Shreveport, LA, Sept. 14.

**Austin Thomassen, MSIII**: "Screw Stripping Torque in Bone Surrogates Used for Surgical Training: Comparative Study Between 3D Printed and ASTM F1839 Regulated Polyurethane Foams Blocks," Department of Orthopaedic Surgery, Southern Biomedical Engineering Conference, Shreveport, LA, Sept. 14.

**Sophia Hernandez, MD, PGY-3**, Pediatrics: "Controlling the Uncontrollable: Incorporating the Use of Biologic Therapy for Uncontrolled Asthma," 2024 CENLA Potpourri Conference sponsored by the American Academy of Pediatrics, Alexandria, LA, Aug. 15.

**Parama Sahoo, MD, PGY-2**, Pediatrics: "Syncope and Seizure-Like Episodes: A Case of Heritable Pulmonary Arterial Hypertension (HPAH)," 2024 CENLA Potpourri Conference sponsored by the American Academy of Pediatrics, Alexandria, LA, Aug. 15.

**Chris Chew, MD**, Critical Care Medicine Fellow; **Shreedhar Kulkarni, MD**, Associate Professor Clinical of Internal Medicine, Division of Pulmonary and Critical Care Medicine, Psychiatry and Behavioral

**LSU Health Shreveport** was honored to host the 40th Annual Southern Biomedical Engineering Conference this year. Giovanni Solitro, PhD, Associate Professor of Orthopaedic Surgery and Director of the Biomechanics Educational Laboratory, served as this year's Program Chair for the conference. The Southern Biomedical Engineering Conference (SBEC) series was conceived by bioengineering professionals from academia and industry located primarily in the southern United States in 1982. The first Southern Biomedical Engineering Conference was held in Shreveport at LSUHS, then known as LSU Medical Center, and organized by the founder and chair of the steering committee of SBEC, Dr. Subrata Saha. Since then, it has been held annually in different cities throughout the southern United States and has grown to become a global event that regularly attracts international attendees. The SBEC serves a special purpose by emphasizing participation from young professionals and advanced students. Established investigators present papers in the same sessions with students, encouraging a high level of professionalism as a standard for young investigators and students.

Medicine; **Joshua Twito, MD**, Pulmonary Disease and Critical Care Medicine Fellow; **Kaitlin McDade, DO**, Pulmonary Disease and Critical Care Medicine Fellow; **Taylor Conrad, MD**, Assistant Clinical Professor of Internal Medicine, Division of Pulmonary and Critical Care Medicine; and **Jonathan Eaton, MD**, Assistant Professor of Internal Medicine and Program Director of Critical Care Medicine Fellowship: "VV-ECMO Use to Treat Acute Granulomatosis with Polyangiitis with Diffuse Alveolar Hemorrhage," 35th Annual ELSO Conference, Detroit, MI, Sept. 29.

## MEETINGS

**Patrick Massey, MD, MBA**, Vice Chair and Professor, Residency Program Director, and Director of Clinical Research for Orthopaedic Surgery, was a Panelist for the Instructional Course Lecture, "Allyship: A 'How-To' Guide," at the AAOS 2024 Annual Meeting.

**Nazih Paul Khater, MD**, Associate Professor of Urology, gave a lecture, "PCNL Laser DARRT Guided Access and other Novel Techniques Minimizing Radiation" at the Louisiana Urological Society 2024 Annual Meeting, Lafayette, LA, Aug. 9-10.

**Alexander Gomelsky, MD**, Professor and Chairman of Urology was invited as a speaker at the 2024 Society of Urodynamics, Female Pelvic Medicine & Urogenital Reconstruction resident preceptorship, Chicago, IL, Aug. 23-25.

**Naziah Paul Khater, MD**, was invited Faculty/Proctor at the 2024 American Urological Association Fundamentals of Urology Course, Cleveland Clinic, Aug. 24-25.

**Erin Ware, MLIS**, Systematic Review and Reference Librarian: "AI in Libraries: Exploring Benefits, Challenges, and Future Directions," 2024 LaSSAL Statewide Conference, Bossier City, LA, Sept. 30.

**Bharat Guthikonda, MD**, was invited as faculty for the "Small Group Sessions: Informed Consent Module" and served as Hands-On Course Faculty for the Craniotomy Skills Hands-On Session at the Baylor College of Medicine, Houston, TX, July 12-13.

**Sungho Lee, MD, PhD**, Assistant Professor of Neurosurgery, served as a faculty member at the Society of Neurological Surgeons (SNS) Intern Boot Camp Courses, Baylor College of Medicine, Houston, TX, July 12-13.

**Deepak Kumbhare, PhD**, Assistant Professor of Neurosurgery, served on the planning committee and co-chaired two sessions, "Electrophysiology and Neuromodulation" and "Neural Interface," for the



2024 Southern Biomedical Engineering Conference, Shreveport, LA, Sept. 13-15.

**Anthony Sin, MD, FAANS**, Professor and Vice Chair of Neurosurgery, served as the Membership Committee Chair for the Society of University Neurosurgeons (SUN) 2024 Annual Meeting, Adelaide, Australia, July 1-6.

## PUBLICATIONS

**Sandeep Das, PhD, Postdoctoral Fellow**, Pathology; **Sumit Kumar Anand, PhD**, Postdoctoral Fellow, Pathology & Translational Pathobiology; **Sumati Rohilla, PhD, Postdoctoral Fellow**, Pathology & Translational Pathobiology; **Nilesh Pandey, PhD, Postdoctoral Fellow**, Pathology & Translational Pathobiology; **Alia Ghayeb, PhD, Postdoctoral Fellow**, Pathology & Translational Pathobiology; **Dhananjay Kumar, PhD, Postdoctoral Fellow**, Pathology & Translational Pathobiology; **Fabio Arias, PhD, Postdoctoral Fellow**, Pathology & Translational Pathobiology; **Brenna H. Pearson-Gallion, Graduate Student**, Pathology & Translational Pathobiology; **M. Peyton McKinney**, Research Assistant – Rom Lab; **Koral Richard, Graduate Student**, Pathology & Translational Pathobiology; **Chowdhury Abdullah, PhD**, Instructor of Pathology and Translational Pathobiology; **Elizabeth Cockerham, MS**, Lab Manager – Orr Lab; **Joseph Eniafe, Graduate Student**, Microbiology & Immunology; **Andrew D. Yurochko, PhD**, Professor of Internal Medicine and Microbiology & Immunology, Director of Center of Excellence for Emerging Viral Threats, and Director of CAIPP COBRE; **Tarek Magdy, PharmB, PhD**, Assistant Professor of Pathology and Translational Pathobiology; **Christopher B. Pattillo, PhD**, Associate Professor of Molecular and Cellular Physiology; **Christopher G. Kevil, PhD**, Professor of Pathology and Translational Pathobiology, Molecular & Cellular Physiology, and Cellular Biology & Anatomy, and Director of CRBCD COBRE; **Md. Shenuarin Bhuiyan, PhD**, Professor of Pathology and Translational Pathobiology; **A. Wayne Orr, PhD**, Professor and Director of the Research Division for Pathology and Translational Pathobiology, Director of the Center for Cardiovascular Diseases and Sciences; **Nirav Dhanesha, PhD**, Assistant Professor of Pathology and Translational Pathobiology; **Arif Yurdagul Jr., PhD**, Assistant Professor and Graduate Program Director of Molecular & Cellular Physiology; **Oren Rom, PhD, RD**, Associate Dean for Basic and Translational Research, Associate Professor of Pathology and Translational Pathobiology and Molecular & Cellular Physiology; et. al.: “Inhibition of hepatic oxalate overproduction ameliorates metabolic dysfunction-associated steatohepatitis”, *Nature Metabolism*, 2024.

**Carlos Previgliano, MD**, Professor of Radiology, et. al.: “International cooperation in radiology training: A multipronged approach.” *Current Problems in Diagnostic Radiology*, Volume 53, Issue 5, Pages 546-551, Sept. – Oct. 2024.

**David Duggar, MLIS**, Head of Library Liaison Program, et. al.: “Scholarship of Teaching and Learning Research in Communication Sciences and Disorders Journals: An Exploratory Survey of the Recent Literature.” *American Journal of Audiology*, Sept. 3.

**Erin Ware, MLIS**, et. al.: “Outcomes of Kidney Transplantation in Highly HLA-Sensitized Patients Treated with Intravenous Immuno-Globulin, Plasmapheresis and Rituximab: A Meta-Analysis,” *Life*, 14(8):998, Aug. 10.

**Monika Thapa, PhD, Postdoctoral Fellow**, Neurology; **Amber Goins, MSIV; Pradeepthi Badugu, MD, PGY-4**, Neurology; **Jamie Toms, MD**, Assistant Professor of Neurosurgery; **Amey Savardekar, MD**, Assistant Professor of Neurosurgery; **Mostafa Hotait, MD, MSci**, Clinical Assistant Professor of Neurology; and **Roohi Katyal, MD**, Clinical Assistant Professor of Neurology: “Methohexital-Induced Seizure during Wada Test: A Case Report and Alternative Evaluation with Etomidate.” *Epileptic Disorders*, Sept. 13.

**James Bridges, MSII, Michael Folse, MSIII, Danielle Terrell, MD, MPH, PGY-7**, Neurosurgery; **Jamie Toms, MD**; et. al.: “Robot-assisted laser interstitial thermal therapy for drug-resistant epilepsy in hypothalamic hamartoma,” *Neurosurgical Focus Video*, 11(1): V16, July 2024.

**John Preston Wilson, MSIII; Bryce Bonin, MD, PGY-2**, Neurosurgery; **Christian Quinones**, Department of Neurosurgery; **Deepak Kumbhare, PhD**, Assistant Professor for Neurosurgery; **Bharat Guthikonda, MD, MBA**, Professor and Chair of Neurosurgery; and **Stanley Hoang, MD**, Assistant Professor of Neurosurgery: “Anesthesia for Awake Spine Surgery: A Paradigm Shift for Enhanced Recovery after Surgery,” *Journal of Clinical Medicine*, 13(17):5326, Sept. 9.

**Christian Quinones; John Preston Wilson, MSIII; Deepak Kumbhare, PhD; Bharat Guthikonda, MD, MBA**; and **Stanley Hoang, MD**: “Clinical Assessment and Management of Acute Spinal Cord Injury,” *Journal of Clinical Medicine*, 13(19), 5719; Sept. 25.

**Hugo Cuellar-Saenz, MD, PhD, MBA**, Professor and Chair of Radiology, Professor of Neurosurgery and Neurology; **Bharat Guthikonda, MD, MBA**; et. al.: “Comparison of pipeline embolization device and flow redirection endoluminal device in the treatment

of intracranial aneurysms: A systematic review and meta-analysis,” *Interventional Neuroradiology*, July 25.

**Michael Folse, MSIII; Elizabeth Jee, MD, PGY-2**, Neurosurgery; **Norris Talbot, MSIII; Camille Petty, MSIII; Patrick Luther, MSIII; Bharat Guthikonda, MD, MBA; Amey Savardekar, MD**; et. al.: “1-Piece Versus 2-Piece Fronto-Temporo-Orbito-Zygomatic Craniotomy: A Narrative Overview of Evolution,” *World Neurosurgery*, 187:35-41, July 2024.

**Jamie Toms, MD**, et. al.: “Precision Targeting in the Globus Pallidus Interna: Insights from the Multicenter, Prospective, Blinded VA/NINDS CSP 468 Study,” *Journal of Neurosurgery*, July 5.

**David Irwin, PhD, CCC-SLP**, Professor of Communication Disorders, co-authored *Clinical Research Methods in Speech-Language Pathology and Audiology*, Fourth Edition, 2024.

**Julie M. Esparza, AHIP, FMLA**, “The Evolution of our Profession and Association from 1998-2023: Reflections from Four Medical Library Association Leaders,” *Journal of the Medical Library Association*, Vol. 112, No. 3 (2024): July 2024.

**Siyuan Cheng, PhD, Postdoctoral Fellow, Biochemistry and Molecular Biology; BS, Graduate Assistant; Yingli Shi, PhD, Postdoctoral Fellow, Biochemistry and Molecular Biology; Omar Franco Coronel, MD, PhD**, Associate Professor of Biochemistry and Molecular Biology, Feist-Weiller Cancer Center Research; **Xiuping Yu, PhD**, Associate Professor of Biochemistry & Molecular Biology and Urology; et. al.: “Unveiling novel double-negative prostate cancer subtypes through single-cell RNA sequencing analysis,” *NPJ Precision Oncology*, 8(1):171, Aug. 2.

**Erin McCallister, PT, DPT**, Assistant Professor of Physical Therapy; **Caroline Hughes**, Physical Therapy Student; **Mia Smith**, Physical Therapy Student, and **Daniel Flowers, PT, DPT, PhD**, Professor of Physical Therapy: “Does a Hip Muscle Activation Home Exercise Program Change Movement Patterns on the Forward Step-Down Test,” *Journal of Sport Rehabilitation*, Volume 33, Issue 6, 452-460, July 12.

**Patrick Spiller, MD, PGY-5**, Otolaryngology-Head & Neck Surgery; **Karuna Dewan, MD, FACS**, Associate Professor of Otolaryngology-Head & Neck Surgery; **Cherie-Ann Nathan, MD, FACS**, Chair and Professor of Otolaryngology-Head & Neck Surgery; et. al.: “Established Adult Tracheostomy Tube Exchange: How Often is Enough?” *Laryngoscope*, 134(7):2985-2986; July 2024.

**Liam Ordoyne, MSIV; Ian Alvarez, MSIV, Grant Borne, MSIV; Ameya Asarkar, MD**, Assistant Professor of Otolaryngology-Head & Neck Surgery; **Cherie-Ann Nathan, MD, FACS; Lindsay Olinde, MD**, Clinical Associate Professor of Otolaryngology-Head & Neck Surgery; **John Pang, MD**, Assistant Professor of Otolaryngology-Head & Neck Surgery; et. al.: “Risk Factors for Complications in Patients Undergoing Temporal Bone Resection and Neck Dissection: Insights From a National Database,” *Annals of Otolaryngology & Laryngology*, July 2024.

**Ameya Asarkar, MD**, Assistant Professor of Otolaryngology-Head & Neck Surgery; **Tara Moore-Medlin, BS**, Laboratory Manager & Research Specialist, Otolaryngology-Head & Neck Surgery; **Cherie-Ann Nathan, MD, FACS**; et. al.: “Vocal Cord Function Return After Larynx Preservation is Associated With Recurrence-Free Probability,” *Laryngoscope*, July 2024.

**Michael Yim, MD**, Associate Professor of Otolaryngology-Head & Neck Surgery and Associate Professor of Neurosurgery, et. al.: “Features of Importance in Nasal Endoscopy: Deriving a Meaningful Framework,” *Otolaryngology-Head and Neck Surgery*; July 2024.

**Karuna Dewan, MD, FACS**, et. al.: “Versus ALT Flap Reconstruction for Large Head and Neck Defects: Does Weight Influence Complication Rate?” *Journal of Personalized Medicine*, 14(7):720, July 3.

**Karuna Dewan, MD, FACS**, et. al.: “CO2 laser lingual tonsil reduction as a treatment for tongue discomfort during hypoglossal nerve stimulation: a case report,” *Journal of Clinical Sleep Medicine*, July 29.

**Karuna Dewan, MD, FACS**, et. al.: “Total tracheoesophageal puncture failure: A scoping review of patient characteristics and etiologies.” *Head & Neck*, July 30.

**Saudamini Lele, MD**, Otolaryngology-Head & Neck Surgery Residency Graduate (2024); **Dauren Adilbay, MD, PhD**, Head & Neck Surgery Fellow; **Ellen Lewis, FNP-BC**, Feist-Weiller Cancer Center; **John Pang, MD; Ameya Asarkar, MD; Cherie-Ann Nathan, MD, FACS**: “ctDNA as an Adjunct to Posttreatment PET for Head and Neck Cancer Recurrence Risk Assessment,” *Otolaryngology-Head and Neck Surgery*, 171(2):439-444, Aug. 2024.

**Karuna Dewan, MD, FACS**, “Oral and Pharyngeal Dysphagia in Adults,” *Otolaryngology Clinics of North America*, 57(4):541-550, Aug. 2024.

**Srivatsa Surya Vasudevan MD, MS**, Clinical Research Associate; **Brianna Rogers, MS; Dauren Adilbay, MD, PhD; Lindsay Olinde, MD; John Pang, MD; Cherie-Ann Nathan, MD, FACS; Ameya Asarkar, MD**;

“Outcomes of internal mammary artery perforator flap in head and neck reconstruction: A systematic review.” *Head & Neck*, 46(8):2076-2085, Aug. 2024.

**Srivatsa Surya Vasudevan MD, MS; Lindsay Olinde, MD; John Pang, MD; Ameya Asarkar, MD; Cherie-Ann Nathan, MD, FACS**; et. al.: “Efficacy and safety of proton therapy versus intensity-modulated radiation therapy in the treatment of head and neck tumors: A systematic review and meta-analysis,” *Head & Neck*, July 15.

**Mackenzie Latour, MD, PGY-3**, Otolaryngology-Head & Neck Surgery; **Ivan Alvarez, MSIV; Mark Knacksted, MD, PGY-4**, Otolaryngology-Head & Neck Surgery; **Michael Yim, MD**: “Virtually Augmented Surgical Navigation in Endoscopic Sinus Surgery Simulation Training: A Prospective Trial of Repeated Measures,” *Otolaryngology-Head and Neck Surgery*, Aug. 10.

**Srivatsa Surya Vasudevan MD, MS; John Pang, MD; Ameya Asarkar, MD; Lindsay Olinde, MD; Cherie-Ann Nathan, MD, FACS**; et. al.: “Radiotherapy vs Surgery for Survival and Locoregional Control of Head and Neck Extramedullary Plasmacytoma: A Systematic Review and Meta-Analysis,” *JAMA Otolaryngology – Head & Neck Surgery*, Aug. 29.

**Srivatsa Surya Vasudevan MD, MS; Lindsay Olinde, MD; John Pang, MD; Cherie-Ann Nathan, MD, FACS; Ameya Asarkar, MD**; et. al.: “Survival Outcomes of Transoral Microsurgery in T3/T4a Laryngeal Tumors: Systematic Review and Meta-Analysis,” *Laryngoscope*, Aug. 14.

**Patrick A. Massey MD, MBA**, Professor and Director of Clinical Research for Orthopaedic Surgery; **Drayton Daily, MD, PGY-4**, Orthopaedic Surgery; **Ryan Taylor MD, PGY-1**, Orthopaedic Surgery; **Christian Bonner, MSIV; Wayne A. Scalis, MD, PGY-3**, Orthopaedic Surgery; and **Giovanni F. Solitro, PhD**, Associate Professor and Director of Biomechanical Research, Orthopaedic Surgery: “Poster 281: What Donor Region has the Lowest Risk of Fracture During Insertion of an Osteochondral Autograft Transfer Plug: A Human Cadaver Analysis,” *Orthopaedic Journal of Sports Medicine*, Aug. 15.

**Patrick A. Massey MD, MBA; Gabriel Sampognaro, MD, PGY-5**, Orthopaedic Surgery; **Lincoln Andre, MD, PGY-5**, Orthopaedic Surgery; **Bradley Nelson, MD, PGY-4**, Orthopaedic Surgery; **Robert Rutz, MD**, Research Associate, Orthopaedic Surgery; **Henry Craighead, MSIV**; and **Alberto Simoncini, MD**, Professor of Radiology: “A Screw Length of 14mm Is Sufficient to Avoid the Pylorus During Juvenile Osteochondritis Dissecans Lesion Repair but This Can Vary Based on Age and Region of the Distal Femur,” *Arthroscopy, Sport Medicine, and Rehabilitation*, Sept. 26.

**Sean D. Clayton, MD, PGY-5**, Surgery; **Lexus Trosclair, MD, PGY-4**, Surgery; **Hannah Meyer, MSIV; Luke White, MD, PhD, PGY-1**, Internal Medicine; **Valerie Welch, MD**, Clinical Assistant Professor of Pathology; **Giovanni Solitro, PhD; Jonathan Steven Alexander, PhD**, Professor of Molecular and Cellular Physiology; **Donald Sorrells, MD**, Clinical Associate Professor of Radiology; et. al.: “Distraction Enterogenesis in Rats: A Novel Approach for the Treatment of Short Bowel Syndrome,” *Pathophysiology* 2024, 31(3), 388-397; July 30.

**Raquel Candal, MD, PGY-5, Surgery; Jane Sugar, MD, MBA, FACS**, Vice Chairman and Assistant Professor of Clinical Surgery; **Terry Lairmore, MD, FACS**, Professor and Research Director of Surgery; **R. Keith White, MD, FACS**, Chairman and Professor of Surgery, John C. McDonald, MD Endowed Chair of Surgery; **Navdeep Samra, MD, FACS**, Professor of Surgery; et. al.: “Healthcare Provider’s Preferences on Open Versus Restricted Visiting Hours in Surgical Intensive Care Unit,” *Cureus*, 16(9):e69871, Sept. 21.

**Ascención Torres-Escobar, Ashley Wilkins, María D. Juárez-Rodríguez, Magdalena Circu, Brian Latimer, Ana-Maria Dragoi, PhD**; and **Stanimir S. Ivanov, PhD**: “Iron-depleting nutritional immunity controls extracellular bacterial replication in Legionella pneumophila infections,” *Nature Communications*, Vol. 15, Article no. 7848, Sept. 8.

**Alan D. Kaye, MD, PhD**, Professor of Anesthesiology and Pharmacology, Toxicology & Neuroscience; **Sannah Barrie, DO, PGY-2**, Anesthesiology; **Carlo Jean Baptiste, MD, PGY-2**, Anesthesiology; **George Mychaskiw II, DO**, Professor of Anesthesiology; **Shahab Ahmadzadeh, MD**, Assistant Professor of Anesthesiology; **Sahar Shekoochi, PhD**, Assistant Professor of Anesthesiology; et. al.: “Frontiers in Acute Pain Management: Emerging Concepts in Pain Pathways and the Role of VX-548 as a Novel Nav1.8 Inhibitor: A Narrative Review,” *Current Pain and Headache Reports*, Vol. 28:1135–1143, July 2024.

**Alan Kaye, MD, PhD; Van S. Smith, MSIII; Huy Nguyen, MSII; Zachary Lee, MD, PGY-3, Anesthesiology; Carlo Jean Baptiste, MD, PGY-2, Anesthesiology; Chizoba N. Mosieri, MD**, Associate Professor of Anesthesiology; **Sahar Shekoochi, PhD**; et. al.: “Emerging Treatments and Therapies for Autism Spectrum Disorder: A Narrative Review,” *Cureus*, 16(7): e63671, July 2.

**William C. Upshaw, MSII; John M. Richey, MSII; Adrian Chen, MSII; Shahab Ahmadzadeh, MD; Sahar Shekoochi, PhD; Alan D. Kaye, MD, PhD**; et.

al.: “An overview of the safety and efficacy of LX-9211 in treating neuropathic pain conditions,” *Expert Opinion on Investigational Drugs*, 33(8), 829–837, July 8.

**Alan D. Kaye, MD, PhD; Shivam Shah, MSII; Emily Pendarvis, MSIV; Jada Cooley, MSIV; Sam Amarasinghe, MD, PGY-1, Anesthesiology; Zachary Palowsky, MD, PGY-2, Anesthesiology; Charles J. Fox, MD**, Professor and Chair of Anesthesiology; **Shahab Ahmadzadeh, MD; Sahar Shekoochi, PhD**; et. al.: “Efficacy and Safety of Intrathecal Morphine for Cesarean Delivery: A Narrative Review,” *Current Pain and Headache Reports*, 28(10):1007-1013, July 8.

**Nilesh Pandey, PhD, Postdoctoral Fellow**, Pathology and Translational Pathobiology; **Sumit Kumar Anand, PhD, Postdoctoral Fellow**, Pathology and Translational Pathobiology; **Harpreet Kaur, PhD, Postdoctoral Fellow**, Pathology and Translational Pathobiology; **Koral S.E. Richard, Graduate Student**, Pathology and Translational Pathobiology; **Lakshmi Chandaluri, PhD; Megan E. Butler, Graduate Student**, Molecular & Cellular Physiology; **Xiaolu Zhang, PhD**, CAIPP Bioinformatics Core Assistant Director; **Brenna Pearson-Gallion, Graduate Student**, Molecular & Cellular Physiology; **Sumati Rohilla, PhD, Postdoctoral Fellow**, Pathology and Translational Pathobiology; **Sandeep Das, PhD, Postdoctoral Fellow**, Pathology and Translational Pathobiology; **Tarek Magdy, PharmB, PhD**, Assistant Professor of Pathology and Translational Pathobiology; **A. Wayne Orr, PhD**, Professor and Director of the Research Division for Pathology and Translational Pathobiology, Director of the CCDS; **Karen Stokes, PhD**, Professor of Molecular and Cellular Physiology, Assistant Director of Scientific Excellence for the CCDS; **Oren Rom, PhD, RD**, Associate Dean for Basic and Translational Research, Associate Professor of Pathology and Translational Pathobiology and Molecular & Cellular Physiology; **Nirav Dhanesha, PhD**, Assistant Professor of Pathology and Translational Pathobiology; et. al.: “Enhanced venous thrombosis and hypercoagulability in murine and human metabolic dysfunction-associated steatohepatitis,” *Journal of Thrombosis and Haemostasis*, Sept. 19.

## RESEARCH

**Xiao-Hong Lu, PhD**, Associate Professor of Pharmacology, Toxicology and Neuroscience was awarded a \$500,000 R56 grant from the NIH National Institute of Neurological Disorders and Stroke for his project, “Mechanistic Investigation of Neuropathological Interactions between COVID-19 and Progression of Lewy Pathology and Dementia.”

**Md. Shenuarin Bhuiyan, PhD**, Professor of Pathology and Translational Pathobiology, was awarded a \$3.3M R01 grant from the NIH National Heart, Lung, and Blood Institute for his project, “Novel mitophagy regulatory mechanism in heart failure.”

**Manikandan Panchatcharam, PhD**, Associate Professor of Cellular Biology and Anatomy, was awarded a \$1.6M R01 grant from the NIH National Institute on Alcohol Abuse and Alcoholism for his project, “Unraveling the Mechanisms of Alcohol-Induced Blood-Brain Barrier Disruption: A Focus on Lysophosphatidic Acid Signaling and Endothelial Cells.”

**Ana-Maria Dragoi, MD, PhD**, Assistant Professor of Molecular & Cellular Physiology, was awarded a \$1.8M R01 grant from the NIH National Institute of Allergy and Infectious Diseases for her project, “Mechanism of macrophages colonization in gonorrhea.”

**John Vanchiere, MD, PhD**, Professor of Pediatrics and Senior Associate Dean for Clinical Research, was awarded a \$1.7M Health Resources and Services Administration (HRSA) grant for equipment and software to support the LARC expansion of basic and clinical research for study of substance use disorders.

**Kevin Murnane, PhD**, Associate Professor of Pharmacology, Toxicology, and Neuroscience and Director of Basic Science Research for LARC, is a Co-PI on a \$2.4M R01 grant from the NIH National Institute on Drug Abuse for “Investigations into 5-HT2A signaling mechanisms of psychedelic drugs for the treatment of stimulant use disorder.”

**LSUHS faculty included in the 2024 Stanford/Elsevier Top 2% Scientists List:**

- **Alan D. Kaye, MD, PhD**, Professor of Anesthesiology and Professor of Pharmacology, Toxicology & Neurosciences
- **Shile Huang, PhD**, Professor of Biochemistry and Molecular Biology
- **Sushil Jain, PhD**, Gratis Professor of Pediatrics
- **Christopher G. Kevil, PhD**, Professor of Pathology and Translational Pathobiology, Molecular & Cellular Physiology, and Cellular Biology & Anatomy; Director of Center for Redox Biology and Cardiovascular Disease; Malcolm Feist Endowed Chair of Cardiovascular Disease
- **Arif “Art” Yurdagul, Jr., PhD**, Assistant Professor and Graduate Program Director of Molecular & Cellular Physiology
- **Gopi K. Kolluru, PhD**, Assistant Professor of Research in Pathology and Translational Pathobiology