

Department of Otolaryngology-Head & Neck Surgery

2023 Ogura Lectureship & Resident Research Day

Friday, June 23, 2023

MORNING SESSION

Location: Seminar Room B, 2nd Floor, Eric P. Newman Education Center (EPNEC)

7:30am CONTINENTAL BREAKFAST

8:00 WELCOME AND INTRODUCTION

Craig A. Buchman, MD, FACS

Lindburg Professor and Chairman of Otolaryngology

8:05 REMARKS CONCERNING RESIDENT RESEARCH

Jay F. Piccirillo, MD, FACS

Professor and Vice Chairman of Research

8:15 **Facial Reanimation: Past, Present, and Future**

2023 OGURA LECTURER – Tessa Hadlock, MD, Fazzalari-Grousbeck Endowed Professor of Otology and Laryngology at Harvard Medical School, and Director of the Facial Nerve Center at the Massachusetts Eye and Ear Infirmary

Research Presentations

9:15 **Yuanqin Zhang**, MD, PhD

Mentor: Guangyong Peng, MD, PhD

Senescent T Cells Promote Tumor Growth and Stemness through Secreted Lipids

9:28 **Ricardo Ramirez**, MD, MSCI

Mentors: Sid Puram, MD, PhD, and Ryan Jackson, MD

TORS Postoperative Pain Trajectories

9:40 **Benjamin Wahle**, MD

Mentor: Angela Mazul, PhD, MPH

Variation in Oral Cavity Cancer Incidence Across Human Lifespan by Subsite and Gender

9:52 **Nneoma S. Wamkpah**, MD, MSCI

Mentor: John Chi, MD, MPH

Facial Synkinesis: Patients' Preferences and Lived Experiences

- 10:05** **Thomas F. Barrett, MD**
Mentor: Sid Puram, MD, PhD
Spatial Transcriptomic Analysis of HPV-related and HPV-unrelated Head and Neck Squamous Cell Carcinoma
- 10:17** **Amit Walia, MD, MSCI**
Mentor: Craig Buchman, MD, FACS
Frequency-to-Place Mismatch: A Role for Electrocochleography-Based Programming to Optimize Speech Perception Outcomes in Cochlear Implant Recipients
- 10:30** COFFEE BREAK
- 10:40** **Theresa Tharakan, MD, MSCI**
Mentors: Ryan Jackson, MD, and Jay Piccirillo, MD, FACS
Taste in Oropharyngeal Tumors
- 10:52** **William Strober, MD**
Mentor: Matthew Rohlfing, MD, and Jay Piccirillo, MD, FACS
Tracheostomy Incidence and Complications: A National Database Review
- 11:04** **Jordan Varghese, MD**
Mentor: Craig Buchman, MD, FACS
Identifying Slim Modiolar Electrode Tip Fold-over with Intracochlear Electrocochleography
- 11:16** **Sabina Dang, MD**
Mentor: Matthew Shew, MD
Individual Patient Comorbidities and Impact on Cochlear Implant Performance
- 11:28** **Daniel Lander, MD, MSCI**
Mentors: Jay Piccirillo, MD, FACS, and Dorina Kallogjeri, MD, MPH
Smoking, Drinking, & Diet: Investigating Risk Factors for Head and Neck Cancer in the PLCO Cohort
- 11:40** **David S. Lee, MD, MSCI**
Mentor: Lavinia Sheets, PhD
Cisplatin Drives Mitochondrial Dysregulation in Zebrafish Lateral-line Hair Cells
- 12pm** LUNCH
Location: 3rd Floor, Eric P. Newman Education Center (EPNEC)

AFTERNOON SESSION

Location: Seminar Room B, 2nd Floor, Eric P. Newman Education Center (EPNEC)

1:00pm Responsible Innovation in Otolaryngology

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Research Presentations

- 2:15 Andrew Peterson, MD, MSCI**
Mentors: Nyssa Farrell, MD, and Jay Piccirillo, MD, FACS
Stellate Ganglion Block for the Treatment of COVID-19-Associated Olfactory Dysfunction
- 2:30 Samuel Cler, MD**, Class of 2023, and incoming PGY1
Mentor: Cameron Wick, MD
Quantification of Imaging Artifact in MRI-Conditional Cochlear Implants
- 2:37 Patrick Ioerger, BS; MSCI, and MD candidate, Class of 2024**
Mentor: Jay Piccirillo, MD, FACS
Mandibular Advancement vs Home Treatment for Primary Snoring: A Randomized Trial
- 2:44 Kwasi Enin, BS; MD-MBA candidate, Class of 2024**
Mentor: Emily Spataro, MD
The Association of Same-Day CT Scan with Post-Operative Complications in Isolated Orbital Fracture Repair
- 2:51 Sabrina Goyal, BS; MD candidate, Class of 2024**
Mentors: Lauren Roland, MD, MSCI, and John Schneider, MD, MA, FACS
HRCT-MRI Fusion: A Novel Imaging Protocol for Localizing Spontaneous CSF Leaks
- 2:58 Henok Getahun, BA; MD candidate, Class of 2025**
Mentor: Judith Lieu, MD, MSPH
Pediatric Obstructive Sleep Apnea Severity and Quality of Life
- 3:05 Ahmad Odeh, BS; MD candidate, Class of 2025**
Mentor: Jay Piccirillo, MD, FACS
Development and Validation of a Decision Aid for Newly Diagnosed Vestibular Schwannoma Patients
- 3:15** Closing Remarks
- 3:30pm** Adjourn

Objectives

The 41st Annual Ogura Lectureship and 36th Annual Resident Research Day is planned and implemented by physicians and nurses. This activity is designed for otolaryngologists; pediatric otolaryngologists; otologists; physicians in head and neck cancer, facial plastic & reconstructive surgery, oral maxillofacial; neurotologists; laryngologists; rhinologists; audiologists; physician assistants; nurses and nurse practitioners. This Hybrid course will provide education through lectures, research presentations and question & answer sessions. This activity is designed to provide research outcomes, contemporary diagnosis and treatment information to otolaryngologists and related health care professionals. The intended result of this event is improvement in competence, performance and patient care. By the conclusion of this activity, participants will be able to: evaluate and integrate research data into patient care effectively; increase positive patient outcomes, medical knowledge, and practice-based learning; and improve interpersonal and communication skills, professionalism and systems-based practice.

Accreditation



In support of improving patient care, Washington University School of Medicine in St. Louis is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Credits Available for this Activity

American Medical Association (AMA)

Washington University School of Medicine in St. Louis designates this live activity for a maximum of 6 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Nurses Credentialing Center (ANCC)

Washington University School of Medicine in St. Louis designates this live activity for a maximum of 6 ANCC contact hours.