

# OTOSCOPE Quarterly

A publication for friends and colleagues of Jefferson's Department of Otolaryngology– Head & Neck Surgery

## Welcome Leila Mady, MD, PhD, MPH



Our department is thrilled to welcome Leila Mady, MD, PhD, MPH who joined the department in March, 2022 as Assistant Professor. Dr. Mady is a New Jersey native who completed her undergraduate work in Finance and Chemistry at New York University. She then attended Rutgers Biomedical and Health Sciences, New Jersey Medical School where she obtained her MD as well as a PhD in Biochemistry and Molecular Biology and an MPH in Biostatistics and Epidemiology. She subsequently completed her residency training at the University of Pittsburgh Medical Center which included a T32 Postdoctoral Scholarship year. Most recently, she

completed a fellowship in Advanced Oncologic Head and Neck Surgery and Microvascular Reconstruction at the University of Pennsylvania.

Dr. Mady joins our Head and Neck Surgery Division with a portion of her time dedicated to pursue her research interests in health services and health economics. Her research efforts in addressing and improving financial inequities in head and neck patients directly aligns with our mission of providing the highest quality patient care by driving health care advancement and equity through collaboration, education, and innovation. **Welcome Dr. Mady!**

## Introducing our Incoming Residents

Match Day is always an exciting day! We welcome five new residents into our Oto family. They will be starting their intern year in late June and spending the next five years training with us. Please welcome our incoming intern class:



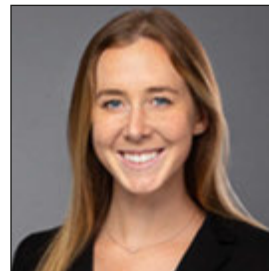
**Angela Alnemri, MD**  
Sidney Kimmel Medical College



**Kelly Bridgham, MD**  
University of Maryland



**Daniel Campbell, MD**  
Sidney Kimmel Medical College



**Hannah Kenny, MD**  
University of Virginia



**Jack Palmer, MD**  
Boston University

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# Jefferson Oto in the News

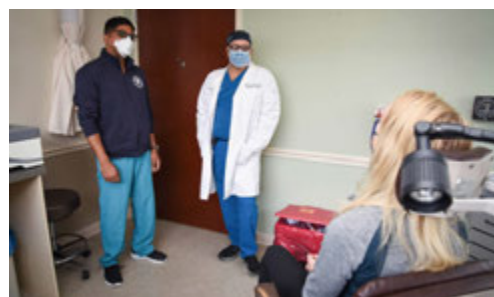


## David Rosen, MD Works to Help People Recover Loss of Taste and Smell

Dr. David Rosen was interviewed by Shirley Min for WHY's *You Oughta Know* segment on his work to help people recover from the loss of taste and smell. You can watch the interview here: <https://bit.ly/3KY118J>. While anosmia was not well known before COVID, it has become such a widespread topic of conversation.

## How One Patient Recovered Taste and Smell After Covid

One patient discusses her battle with loss of taste and smell after COVID and how she benefited from **David Rosen, MD's** clinical trial around anosmia. Read the full article on Health Nexus: <https://bit.ly/3FA39zX>



## Spotlight On Research



Congratulations to **Joseph Curry, MD** on the acceptance of his thesis by the Triological Society. Additionally, he was chosen to receive a With Distinction Award. Dr. Curry was inducted as a Fellow in the Society at the annual ceremony held on Friday, April 29th at 7:00 am during the 124th Annual Meeting at COSM in Dallas, TX. Dr. Curry has been invited to present his award-winning thesis at the Combined Sections Meeting in January, 2023 in Coronado, CA.

**Joseph Curry, MD** is also to be congratulated for this achievement: His proposal "The role of Gasdermin-E in head & neck squamous cell carcinoma" was selected to receive a 2022 TaCO (Translational Cellular Oncology) Program pilot award. Dr. Curry will present his proposal to the TaCO program members in the Fall of 2022.



Congratulations to **Adam Luginbuhl, MD** and his team for being awarded bridge pilot funds to begin research on their project studying the microenvironmental drivers of metabolism and immune response! Their project will then await CURE grant funding from the Commonwealth of Pennsylvania.



Congratulations to **Elina Toskala, MD, PhD, MBA** for being selected as an investigator for a new study with GlaxoSmithKline: A randomized, double-blind, parallel group Phase III study to assess the efficacy and safety of 100 mg SC depemokimab in patients with chronic rhinosinusitis with nasal polyps (CRSwNP) – ANCHOR-2. If depemokimab is shown to be safe and effective in treating chronic rhinosinusitis with nasal polyps, it will be the first FDA approved IL-5 inhibitor that only needs to be administered twice a year instead of every four weeks. This study will also be our first medication trial offered at our Cherry Hill location.



Congratulations to **Marina Domingo-Vidal, PhD** who successfully defended her PhD dissertation. In 2014, Dr. Domingo-Vidal joined the lab of her PhD mentor, **Ubaldo Martinez-Outschoorn, MD** (Medical Oncology), for which **Joseph M. Curry, MD** is a close collaborator and co-mentor. Dr. Domingo-Vidal's post-graduate work focused on the study of metabolic coupling/pathogenesis of lactate and glucose transporters (such as MCT4) to oral SCC progression. Her seminal PhD paper demonstrated how SCC stroma and the tumor micro-environment is reprogrammed to promote neoplastic progression. She has led studies on this topic using cell, mouse and human tissue samples. Dr. Domingo-Vidal is Drs. Martinez-Outschoorn and Curry's first PhD mentee to have earned a doctoral degree. As well, Dr. Domingo-Vidal is the first PhD to graduate with Jefferson Otolaryngology affiliation. Dr. Marina Domingo-Vidal will remain at Jefferson through the early summer as she transitions to her postdoctoral pursuits.

Congratulations to **Zachary Urdang, MD, PhD** and his team for their health equity challenge grant being awarded funding by the PhRMA foundation! The funding will allow their manuscript to be published as open access. Dr. Urdang and his team are planning on a health equity scholarship for youth/med-students who identify as Alaska Native/American Indian for research and/or sub-I experiences in otolaryngology. Kudos to the team for exemplifying our values.

## 31st Annual North American Skull Base Society Meeting

Jefferson Otolaryngology was well represented at the North American Skull Base Society's annual meeting in mid-February in Phoenix, Arizona. There were ample opportunities to reconnect with colleagues and alumni at the conference and present cutting edge research in the field of rhinology. See our list of presentations below.



### Oral Presentations

*SMARCB1-deficient and SMARCB1-retained sinonasal undifferentiated carcinoma (SNUC) are genetically distinct: A pilot study using RNA*

*sequencing.* Chitguppi, Eertel, Gargano, Addya, Kumar, D'Souza, Johnson, Bar Ad, Evans, Toskala, Nyquist, Rosen, Rabinowitz

*Endoscopic repair of cranial base defects using a bilayer button graft: a technical update and 10 years of experience.* Duffy, Chaskes, Nyquist,

Klug, Karsy, Barton, Toskala, Farrell, Rabinowitz, Luginbuhl, Rosen, Evans

*Staged cervical fusion after endoscopic odontoidectomy: a single center experience.* Hannikainen, Prashant, Klug, D'Souza, Toskala, Rabinowitz, Farrell, Rosen, Nyquist, Evans

*Evolution of surgical outcomes in endoscopic endonasal resection of craniopharyngiomas.* Yu, Taghvaei, Reyes, Collopy, Piper, Karsy, Prashant, Kshetry, Rosen, Farrell, Evans

*Usefulness of sleep subdomain of SNOT-22 as a screening tool for OSA in patients with chronic rhinosinusitis.* Chitguppi, Alapati, Duffy, Rizvi, D'Souza, Parsel, Toskala, Nyquist, Rosen, Rabinowitz

*Unique volatile metabolite signature of sinonasal inverted papilloma detectible in plasma and nasal secretions.*

Chaskes, Lee, Toskala, Nyquist, Rosen, Kimball, Rabinowitz

*Delayed symptomatic hyponatremia in transsphenoidal surgery: systematic review and meta-analysis of its incidence and prevention with water restriction.* Yu, Taghvaei, Reyes, Collopy, Piper, Karsy, Gaughan, Rosen, Farrell, Evans

*Predictive clinical and surgical factors associated with recurrent apoplexy in pituitary adenoma.* Smit, Siu, Rangarajan, Karsy, Farrell, Nyquist, Rosen, Evans

*Superiorly based middle turbinate flap for anterior cranial based reconstruction: a cadaveric feasibility study and case series.* Chaskes, Barton, Karsy, Rabinowitz, Nyquist, Farrell, Evans, Rosen

## Poster Presentations

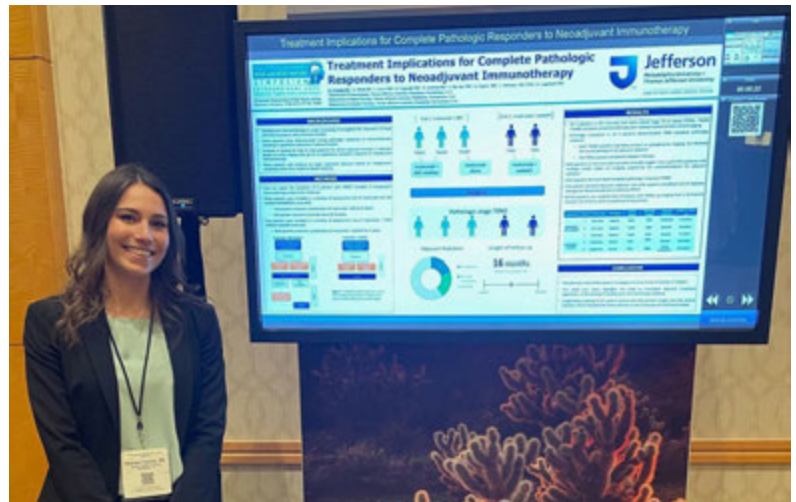
*SMARCB1 and RB1 gene: novel mutations in neuroendocrine tumors of sinonasal cavity.* Chitguppi, Gargano, Choby, Low, Chatzopoulos, Wismayer, McKnight, Klug, Parsel, Barton, BarAd, Johnson, Toskala, Rabinowitz, Rosen, Nyquist

*Minimally invasive endoscopic approaches to pediatric skull base pathologies.* Yu, Karsy, Prashant, Barton, Rosen, Parkes, Evans

*An algorithm for sellar reconstruction following endoscopic transsphenoidal surgery for pituitary adenoma: a review of 582 cases.* Chaskes, Barton, Karsy, Chitguppi, McKnight, McCambridge, Flanders, Rabinowitz, Nyquist, Farrell, Rosen, Evans

## Multidisciplinary Head and Neck Symposium

Our Head and Neck Division had great representation at the Multidisciplinary Head and Neck Symposium at the end of February in Phoenix, Arizona. Several department members gave presentations on their latest research in the field of head and neck cancer.



## Presentations

*Treatment Implications for Complete Pathologic Responders to Neoadjuvant Immunotherapy.* M. Fiorella, Z. Elliott, J. Johnson, J. M. Curry, D. Cognetti, R. Axelrod, V. Bar Ad, and A. Luginbuhl

*Differential Activation of Cancer-Associated Fibroblasts in HPV-Associated Head and Neck Squamous Cell Carcinoma Patients Detected Using Spatial Transcriptomics.* S. Sussman, A. Linnenbach, L. Harshyne, A. South, G. Kumar, A. Alnemri, Z. Urdang, L.

Anderson-Pullinger, M. Mahoney, A. Argiris, J. Johnson, A. Luginbuhl, U. Martinez-Outschoorn, and J. M. Curry

*Role of Tertiary Lymphoid Structures and Immunotherapy in Head & Neck Squamous Cell Carcinoma.* P. Hannikainen, and A. Luginbuhl

*Stable Reconstitution of Gasdermin-E in a Gasdermin-E-Deficient Head and Neck Squamous Cell Carcinoma Mouse Cell Line Enhances Pyroptosis-Mediated Release of Tumor Immunogenic Molecules.* A. Alnemri, S. Wang, M. Wang, M. Domingo-

Vidal, A. Linnenbach, U. Martinez-Outschoorn, T. F. Alnemri, E. S. Alnemri, and J. M. Curry

*Effects of Head and Neck Cancer Diagnosis and Treatment on Patient-Partner Intimacy.* M. Fiorella, A. Koka, A. Alnemri, S. Sussman, B. Worster, A. Leader, and A. Luginbuhl

*The Effects of Adjuvant Radiotherapy on Survival in Elderly Patients with Advanced Head & Neck Squamous Cell Carcinoma.* J. M. Butkus, M. Crippen, and A. Luginbuhl

# Upcoming Events

**JUNE 22, 2022**

## Annual William M. Keane, MD Lecture in Head & Neck Surgery



*Guest Lecturer*  
**Francisco Civantos, MD,  
FACS**

*Professor of Otolaryngology  
Co-Chief, Division of Head  
& Neck Surgery  
University of Miami*

**SEPTEMBER 10, 2022**

## 5th Annual Jefferson Sialendoscopy Course

Featuring renowned experts from across the country.  
*Course Co-Directors: David M. Cognetti, MD and  
Joseph M. Curry, MD*

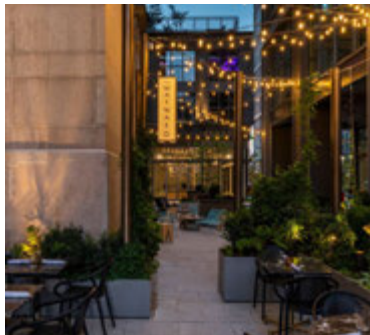


**SEPTEMBER 10, 2022**

## Jefferson Otolaryngology Welcome Reception at the AAO-HNS Annual Meeting and OTO Experience

The Wayward  
1170 Ludlow St.  
Philadelphia, PA

9pm - Midnight



**SEPTEMBER 11, 2022**

## Jefferson Otolaryngology Annual Family Dinner—Featuring a Tribute to William M. Keane, MD

The Arts Ballroom at 1324 Locust St, Philadelphia  
6:30pm - 9:30pm

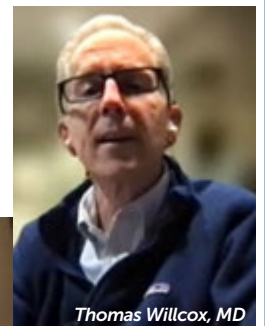
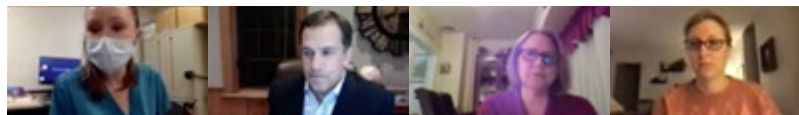


# Otolaryngology Events: Looking Back

**FEBRUARY 2, 2022**

## *Specialty Webinar Series*

## Implantable Hearing Devices: When Hearing Aids Aren't Enough



*Thomas Willcox, MD*

# Otolaryngology Events: Looking Back

**FEBRUARY 23, 2022**

## Virtual Alumni Night

Our department faculty and residents had a great time at the Jefferson Otolaryngology Virtual Alumni Night on February 23, 2022! It was incredible to see so many familiar faces from residency and fellowship and share stories as we honored the late Dr. Louis Dale Lowry (1937 - 2021).



**FEBRUARY 23, 2022**

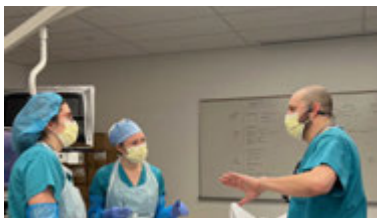
**Maurits Boon, MD** and **Ryan Nord, MD** from Virginia Commonwealth University gave an Inspire-ing presentation For the *Inspire Institute for Excellence in Upper Airway Stimulation webinar*. The presentation to residents and sleep surgery physicians across the nation discussed incorporation of Inspire into practice in the sleep surgery field.



**FEBRUARY 23, 2022**

## Cadaver Course

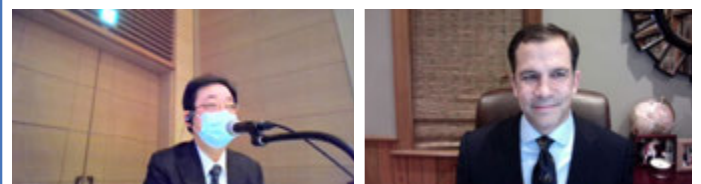
**Richard M. Goldman, MD** lead a resident Cadaver Course on February 23, 2022. It was a great educational opportunity for our residents as they sharpen their surgical skills. Looking forward to the next course!



**MARCH 3, 2022**

## 31<sup>st</sup> Annual Meeting of the Japanese Society for Head & Neck Surgery

**David Cognetti, MD** presented virtually at the 31st Annual Meeting of the Japanese Society for Head and Neck Surgery in Japan. Dr. Cognetti was introduced by Dr. Ken-ichi Nibu, President of the Japanese Head and Neck Society. Dr. Nibu actually spent two years at Jefferson in the late 1990s under the tutelage of **William M. Keane, MD**. Dr. Cognetti's presentation, *Results of a Phase 1/2a trial of RM-1929 Photoimmunotherapy for Recurrent Head and Neck Squamous Cell Carcinoma Patients and Their Long Term Survival Data*, reflects the department's ongoing efforts to find innovative ways to treat head and neck cancer.



**MARCH 9, 2022**

## James Reilly, MD Lecture in Pediatric Otolaryngology

*Pediatric Hearing Loss: CMV, Genetics, and Funky Anatomy*

**Margaret A. Kenna, MD**

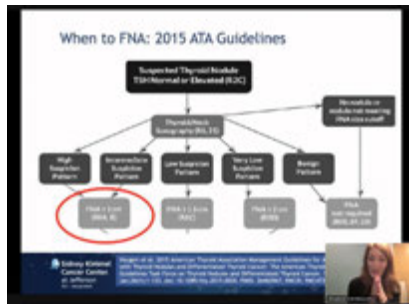
*Professor of Otolaryngology, Harvard University  
Director of Clinical Research, Otolaryngology Program, Boston Children's Hospital*



**MARCH 11, 2022**

## TIROxMDS Virtual Lecture

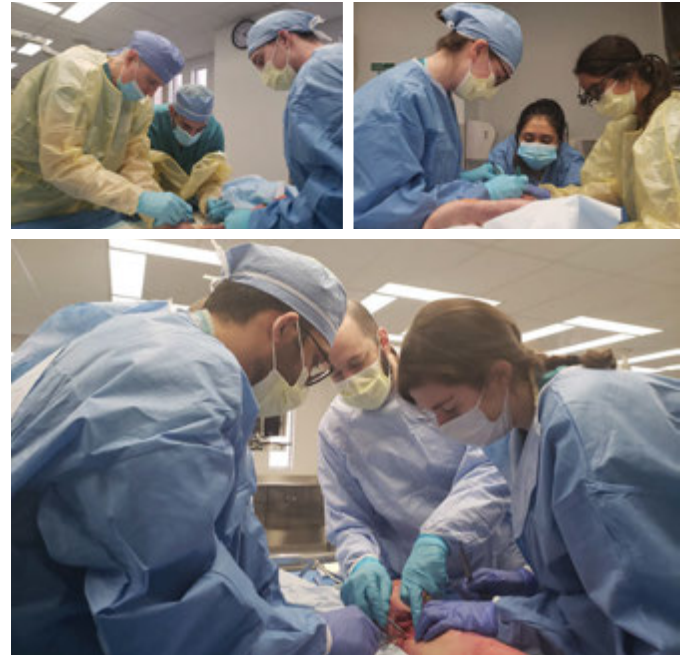
**Elizabeth Cottrill, MD** gave a presentation on March 11, 2022 entitled, *Machine learning in thyroid nodule and cancer diagnosis*, at the TIROxMDS virtual lecture. Her expertise in the field of thyroid surgery helped educate medical professionals across the nation.



**MARCH 16, 2022**

## Cadaver Dissection Course

On March 16, 2022, our residents partook in a cadaver dissection course sponsored by Integra. A special thanks to **Dr. Jules Rodin** for organizing the cadaver lab and making sure it went off without a hitch.



**MAY 11, 2022**

## Annual Oto Research Day

Since 2019, the department has hosted an annual research symposium where residents, clinical fellows, and research fellows showcase their research. Accolades are also awarded based on participant selection.

*Visiting Professor*

**Susan D. McCammon, MD**

*John W. Poynor Endowed Professor in Otolaryngology, University of Alabama at Birmingham*



## Giving Back

### 1st Multidisciplinary SKCC Cancer Screening Day at Jefferson Northeast

Our department was well represented in the first Multidisciplinary SKCC Cancer Screening Day at Jefferson Northeast on March 12, 2022. **Elizabeth Cottrill, MD** led our team of residents (**Jim Han, MD** and **Uche Nwagu, MD**) and Research Fellows (**Maria Armache, MD, Arielle Best, Zach Urdang, MD, PhD, Richard Wu**) seeing over 40 patients for head and neck cancer screening at the new Sidney Kimmel Cancer Center at the Jefferson Torresdale Campus. Other represented specialties included GI, Breast, and Urology.



# Head and Neck Cancer Screening in Center City

A head and neck cancer screening was held in Center City on April 6, 2022. It was awesome to have so many screeners available for this community event.





**“ HEY – JEFFERSON OTO ALUMNI “**

**“ We want to hear from you! “**

**“ What are you up to? “**

Email your submissions to [Joanne.Gauthier@Jefferson.edu](mailto:Joanne.Gauthier@Jefferson.edu).

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