Significant Accomplishments

Cotton Receives 2014 Jacobson Innovation Award

Robin Cotton, MD, FACS, was awarded the American College of Surgeons (ACS) 2014 Jacobson Innovation Award for his life’s work in the care and reconstruction of the pediatric stenotic airway. The prestigious award honors living surgeons who have developed a new technique in any field of surgery. ACS president Carlos Pellegrini said that, “Dr. Cotton embodies the meaning and spirit of this award. Until he developed his innovative approach to reconstruction of the stenotic airway, children were condemned to a lifetime of breathing through a tracheostomy.”

Research Highlights

Saima Riazuddin
Under the mentorship of Dr. Riazuddin, Post Doc Gowri Sarangdhar successfully competed for her first extramurally funded research grant from the Hearing Health Foundation. The long-term goal of her project is to understand how tight junctions are involved in the biological processes of the inner ear.

Daniel Choo, MD-I2S2: Standardization of Perioperative PE Tube Management
Dr. Choo completed his I2S2 project in January 2014. The goal of this project was to decrease the rate of early postoperative PE Tube complications by standardizing the use of appropriate perioperative ear drops. Prior to the implementation of this project, a little over 40% of PET Cases used appropriate antibiotics drops. In the weeks following the test of change ramp, compliance jumped to 91%.

J. Paul Willging-I2S2: Documentation Supporting Consultation Charges-Letter Generation
Dr. J. Paul Willging completed his I2S2 project in January 2014. The goal of this project was to increase billing
compliance performance by increasing the percentage of letters dictated on consult level patient encounters in Otolaryngology clinics for three key physicians from 93 to 97%. Compliance after implementation jumped to 100%.

Charles M. Myer IV-Midwest Airway Course.
The second Annual Midwest Airway Course was held at Cincinnati Children's to provide education in both endoscopic airway techniques and open airway surgery. Over 30 trainees from 10 programs completed the two day course, combining surgical simulation, animal models and traditional didactics. Attendees reported improved confidence in technical skills on post-participation surveys. The third Annual Midwest Airway Course will be held October 2014 at Cincinnati Children's.

**Significant Publications**


These publications are significant because they are published in journals outside the mainstream of Otolaryngology academia.

**Division Publications**


Faculty, Staff, and Trainees

Faculty Members

Daniel I. Choo, MD, Professor  
Leadership Director, Department of Pediatric Otolaryngology

Robin T. Cotton, MD, Professor  
Leadership Director, Aerodigestive and Sleep Center

Ellis M. Arjmand, MD, PhD, Associate Professor  
Leadership Director, Ear and Hearing Center

Alessandro deAlarcon, MD, Associate Professor  
Leadership Director, Voice Clinic

Ravindhra G. Elluru, MD, PhD, Associate Professor

John. H. Greinwald Jr., MD, Professor

Catherine Hart, MD, Assistant Professor

Kaalan Johnson, MD, Assistant Professor  
Leadership Director, Otolaryngology Simulation Program

Charles M. Myer III, MD, Professor  
Leadership Director, Pediatric Otolaryngology Residency Program

Charles M. Myer IV, MD, Assistant Professor

Saima Riazuddin, PhD, Assistant Professor  
Leadership Director, Laboratory of Molecular Genetics

Michael J. Rutter, MD, Professor

Sally R. Shott, MD, Professor

J. Paul Willging, MD, Professor  
Leadership Director, Pediatric Otolaryngology Fellowship Program
Joint Appointment Faculty Members

**Zubair Ahmed, PhD**, Assistant Professor (Ophthalmology)
**Research Interests** Genetics

**Dimitar Deliyski, PhD**, Associate Professor (Communication Science Research Center)
**Research Interests** Communication Disorders

**Scott Holland, PhD**, Professor (Neuroimaging Research Consortium)
**Research Interests** Neuroimaging

**Jareen Meinzen-Derr, MPH, PhD**, Assistant Professor (Biostatistics & Epidemiology)
**Research Interests** Epidemiology

Clinical Staff Members
- **Michael Bowen, PA-C, RN, MA**, 
  *Adult Airway*

Trainees
- **Karthik Balakrishnan, MD, MPH**, PGYVII, University of Washington at Seattle
- **April Landry, MD**, PGYVI, Mayo Clinic Arizona
- **Drew Prosser, MD**, PGYVI, Georgia Regents in Augusta
- **Douglas Sidell, MD**, PGYVII, UCLA
- **Christina Yang, MD**, PGYI, Tulane University School of Medicine

Division Collaboration

**Aerodigestive and Esophageal Center (ADEC)**
Interdisciplinary care team that coordinates the evaluation, care and treatment of children with complex conditions involving the airway and digestive systems.
(Robin T. Cotton, MD, FACS, FRCS; Michael J. Rutter, MD; Catherine K. Hart, MD; Alessandro de Alarcon, MD, MPH; Charles Monroe Myer III, MD; J. Paul Willging, MD)
- **Feeding Team** » Nancy Doan Leslie, MD and Wendy R. Kochevar, BSN, APRN, PNP
- **Gastroenterology, Hepatology, and Nutrition** » Mitchell B. Cohen, MD, Ajay Kaul, MD, Scott P. Pentiuk, MD, and Philip E. Putnam, MD
- **Nursing** » Cheryl S. Brumbaugh, MSN, APRN, CNP, Candace J. Hochstrasser, MSN, APRN, FNP, Claudia L. Pratt, MSN, APRN, CNP, and Marilyn Stoops, MSN, APRN, CPNP
- **Pediatric General and Thoracic Surgery** » Maria H. Alonso-Peclet, MD, Richard G. Azizkhan, MD, Victor F. Garcia, MD, FACS, FAAP, Thomas H. Inge, MD, PhD, FACS, FAAP, Frederick C. Ryckman, MD, and Greg M. Tiao, MD
- **Pulmonary Medicine** » Raouf S. Amin, MD, Barbara Chini, MD, Gary Lewis McPhail, MD, Hermant Sawnani, Michael Seid, PhD, and Robert E. Wood, PhD, MD

**Upper Airway Center (UAC)**
The Upper Airway center provides evaluation, care and treatment of children with obstructive sleep apnea. This multidisciplinary team develops care plans for referred patients during weekly chart conferences.
(Sally R. Shott, MD; Stacey L. Ishman, MD, MPH)
- **Developmental Pediatrics** » Sonya G. Oppenheimer, MD
- **Human Genetics** » Howard M. Saal, MD, FACMG
### Communication Sciences Research Center (CSRC)

Collaborative Research group that investigates communication issues involving speech, hearing, language, voice quality, neurological and social disorders.

(Dimitar Deliyski, PhD; Alessandro de Alarcon, MD, MPH; Daniel I. Choo, MD)

- **Audiology** » Lisa L. Hunter, PhD, FAAA
- **Biostatistics and Epidemiology** » Jareen K. Meinzen-Derr, PhD
- **Developmental and Behavioral Pediatrics** » Susan E. Wiley, MD
- **Gastroenterology, Hepatology, and Nutrition** » James E. Heubi, MD
- **Section of Neonatology, Perinatal and Pulmonary Biology** » James M. Greenberg, MD, Scott L. Wexelblatt, MD, and Suhas G. Kallapur, MD
- **Physical Medicine and Rehabilitation** » Shari Wade, PhD
- **Pediatric Neuroimaging Research Consortium** » Scott K. Holland, PhD
- **Speech Pathology** » Erin Redle, PhD

### Grants, Contracts, and Industry Agreements

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<th>Grant and Contract Awards</th>
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<td>Signaling Defects Due to Tricellulin Deficiency</td>
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<td>Functional Analyses of Tricellular Tight Junctions in Hearing and Deafness</td>
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