Best Evidence ENT

JULY 25-28

The American Club and Whistling Straits Golf Course, Kohler, Wisconsin. Photo courtesy of Kohler Co.

Presented by the Department of Otolaryngology and Communication Sciences, Medical College of Wisconsin, USA

www.mcw.edu/ent

FEATURING:

Honorary Guest Lecturers
Paul R. Lambert, MD
Alexander G. Chiu, MD

Mini Rhinology and Sinus Surgery Symposium

Conference Directors:
John S. Rhee, MD, MPH
David R. Friedland, MD, PhD
David M. Poetker, MD

Visit the conference website for more information:
www.bestevidenceENT.com

The American Club is a Forbes Five-Star destination located in Kohler, Wisconsin, one hour north of Green Bay and two hours north of Chicago, and home to four championship golf courses.

The American Club and Whistling Straits Golf Course, Kohler, Wisconsin. Photo courtesy of Kohler Co.

Play the Straits!

Rented #2, US course by Golf Digest, Whistling Straits will host the 2015 PGA Championship August 10-16.

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“The only thing that is constant is change.” Heraclitus

Dear friends,

Indeed, change is upon us and I’m sure it is for you as well. 2014 was truly an eventful year for our department, school, and health systems. Many of these events and activities are highlighted in the pages of this edition of Headlights. However, beyond the boundaries of our department, we are also in the midst of rapid changes in our regional healthcare market embedded in the larger landscape of national healthcare initiatives and debate.

Consolidation, integration, and alignment are rapidly occurring with the pace of change almost necessitating a scorecard!

What remains constant however is our commitment to excellence in our core missions – the highest quality clinical care, top tier graduate medical education, service in our community and advancing scientific discovery. We have continued to be successful in achieving our goals while maintaining the collegial, family atmosphere that we all cherish in these times of “corporate medicine.” One of the things we have worked hard to achieve, and of which I am most proud, is our sense of “inner peace” – understanding who we are, where we are, and where we need to go.

Our clinical footprint is continually changing and more is to come – ongoing recruitments, new clinical sites, and new health system network/dynamics. We are in the midst of planning our new state-of-the-art adult practice space in the new Center for Advanced Care (see designs to the right) with a planned move for late autumn 2015. Also, we are in the final discussions of relocating our office space in 2017 to a new professional office building to be built on the academic medical center grounds.

This summer alone was a showcase of change. As we said goodbye to our graduating class of residents and our pediatric fellow we welcomed in yet another highly talented group of learners, we also bid a fond farewell to Dr. Bill Prudlow as he transitioned into retirement and into his next great chapter of life. We miss you Bill! We held our inaugural “Best Evidence EVENT” CME event in Kohler Wisconsin (The American Club) which was met with rousing success and likely will be a fixture for years to come. I hope that you will join us, if not this year, at some future time – it’s a wonderful way to reconnect with alumni, meet some new colleagues, and learn from our internationally recognized faculty.

Finally, I want to thank all of our alumni, referring physicians, and friends of the department who have been so generous with their support and good will. We are fortunate to have such a supportive network of colleagues and friends, and I hope that we are meeting your expectations of us.

Enjoy this latest version of our newsletter! Best wishes to all of you for a healthy and productive 2015!

Warmest regards,

JOHN S. RHEE, MD, MPH
John C. Koss Professor and Chairman
Department of Otolaryngology and Communication Sciences
Medical College of Wisconsin

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**Residency & Fellowship Updates**

**Current Resident Research Activity**

**Jad Jabour, MD** (*'15*)
Mentor: Thomas Robey, MD
The long-term sequelae of pediatric vocal fold immobility: effects on quality of life and school performance

**Jessica Southwood, MD** (*'17*)
Mentor: Nikki Johnston, PhD
The carcinogenic effects of pepsin on the migration/invasion pattern and anokis resistance of hypopharynx and laryngeal epithelial cells

**Justin Yan, MD** (*'17*)
Mentor: Nikki Johnston, PhD
Role of pepsin in the progression of Barrett’s esophagus to esophageal adenocarcinoma

**Mallory O’Niel, MD** (*'16*)
Mentor: David Friedland, MD, PhD/Christina Runge, PhD
Effects of training on tracheal recognition in cochlear implant users after harmonic manipulation

**Ruchin Patel, MD** (*'16*)
Mentor: John Rhee, MD, MPH/Guilherme Garcia, PhD
Nasal mucosal heat flux as a predictor of symptomatic nasal airway obstruction

**Craig Hoekzema, MD** (*'16*)
Mentor: Nikki Johnston, PhD
Pro-inflammatory effect of pepsin in adult chronic rhino-sinusitis


**Meet the Resident**

**Meet the Resident Class of 2019**

**Dr. Karl Doerfer**
MD
Northwestern University. Karl and his wife have a 20-month old son.

**Dr. Ryan Little**
MD
Appalachian State University. During his free time Ryan enjoys spending time with their two black labs and are preparing to experience their first Wisconsin winter.

**Dr. Derek Vanhill**
MD
Virginia Commonwealth University. During his free time Derek enjoys spending time with wife and three children.

**Karl Doerfer, MD**
was born in Ecuador. He received an undergraduate degree from Wheaton College and worked as a musician and software designer before entering medical school at the University of North Carolina - Chapel Hill. Ryan and his wife enjoy spending time with their two black labs and are preparing to experience their first Wisconsin winter.

**Ryan Little, MD**
was born in New York and attended medical school at the University of Florida – Gainesville.

**Derek Vanhill, MD**
was born in New York and attended medical school at the University of Florida – Gainesville.
Matthew is married to pediatrician, Casey Sitton, MD, and they are busy raising three children, Jonah (5), Harper (3), and Benjamin (5 months). Ericka and her husband Jim have a 3-year-old son, Connor, who is obsessed with vacuum cleaners and all things that contain hoses. ErickaKing, MD

Ericka King, MD

Charles and Mary Harkins
Dr. Steven A. Harvey
Dr. and Mrs. Michael C. Janowak
Mr. and Mrs. James B. Jodie
Mr. and Mrs. A. Sidney Johnston
Nikki Johnston, MD
Mr. Stavini G. Joseph
Mr. and Mrs. James F. Kaatz
Dr. and Mrs. Patrick M. Kane
Dr. Joseph E. Kirschner and Mrs. Jane C. Kirschner
Thomas M. Kidder, MD
Dr. Satish Kodali and Dr. Malaka Mathai Kodali
Joan C. Kuhn, MD
Ms. Elizabeth A. Lehman
Dr. Roger and Janet Lehman
Dr. and Mrs. Todd A. Loehr
Dr. and Mrs. Christopher Long
Dr. Jennifer B. Lynch and Mr. Aaron M. Pogge
Mr. Thomas Malin and Dr. Michele Malin
Timothy J. Martin, MD
Dr. and Mrs. Dean Martineau
Becky L. Massay, MD
Dr. Michael and Jasna C. McCormick
Mr. Timothy McCulloch
Dr. and Mrs. Willard J. Michalski
Michelle A. Michel, MD
Ms. Gladys F. Miller
Dr. and Mrs. Patrick J. Noonan

Just over a year ago we lost a great friend, colleague and pillar in the department, school and community in Robert “Bob” J. Toohill. Dr. Toohill was famous amongst his patients, colleagues and those he trained for putting his heart and soul into everything he did. One of the areas for which he was especially passionate was in finding opportunities to bring research and education together. To that end, in 2014, we established the Robert J. Toohill, MD, Endowed Lectureship Fund. This fund will support an annual lectureship in Dr. Toohill’s name, supporting the visit of an accomplished clinician-scientist to provide a valuable and unique educational experience and to keep Dr. Toohill’s vision alive. 2015 will be the 3rd annual lectureship and we will be honored to feature Alexander Chiu, MD, an accomplished Sinus surgeon from the University of Arizona.

Many of you have generously contributed to this fund and have put us on our way to reaching the required amount needed for the endowment. We thank you and are humbled by your generosity. Not only in the amount (nearly $87,000 to date) but in the large number of unique donors, a true testament to the great love and admiration held for Dr. Toohill.

2014 Donors
Mr. and Mrs. Douglas R. Dombrowski
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Dr. and Mrs. Douglas R. Dombrowski
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Valerie A. Flanary, MD and Carey J. Flanary, MD
Dr. Randall S. Fong
David R. Friedland
Dr. James A. Fussell
James Frisk, MD
Dr. Rebecca L. and William A. Golgart
Mr. John S. Gregorosi
Dr. and Mrs. Thomas W. Grossman
Dr. Paul M. Guzzetta

For those still interested in supporting Dr. Toohill’s legacy in this regard, feel free to visit our website: www.mcw.edu/ent and look for Dr. Bob Toohill in his exam room at the Milwaukee County General Hospital.

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As part of a group of otolaryngologists and plastic surgeons from Indiana University, Bruce Campbell, MD ('85) travelled to Eldoret, Kenya in February 2014. Indiana University (IU) developed AMPATH (Academic Model for Providing Access to Healthcare) in 1989 as a partnership between IU and Moi University School of Medicine. Moi University and its hospital is the only academic medical center for over three million people.

The American team consisted of Drs. Susan Cordes (IU), Debora Tucci (Duke) Jack Coleman (former chair of plastic surgery at IU) and Bruce Campbell as well as nurses and a medical student. The team had the privilege of working with Moi otolaryngology colleagues performing a wide range of head and neck surgeries, sinus surgeries and cleft lip repairs. Dr. Campbell intends to return to Eldoret, perhaps helping his Kenyan colleagues establish a residency program.

Dr. Campbell’s first trip to Kenya was in 2013 with a surgical mission through Kenya Relief. That mission served the Migori region.

Sachin Pawar, MD ('12) traveled to Lambyaque, Peru in January 2013 with FACES Foundation (facesfoundation.org) during his facial plastic and reconstructive surgery fellowship at Oregon Health and Science University (OHSU). FACES is a non-profit organization based out of Portland, Oregon with a mission to provide comprehensive, high quality care for indigent, medically isolated patients with cleft lip and palate deformities – beyond surgery alone – in a locally sustainable manner. During the week long trip, Dr. Pawar worked as part of the surgical team which performed over 35 cleft lip and palate repairs. Now having returned to the MCW faculty after fellowship, he plans to continue international humanitarian work and will be traveling to Quito, Ecuador, in March 2015 as part of a microtia reconstruction team.

Nominated by colleagues and chosen by a committee of peers, Bruce Campbell, MD ('85) received the 2014, Medical College Physicians Excellence in Professionalism Award.

Laryngologist, Jonathan Bock, MD, and his melodic rock band ‘Bockenplautz,’ performed during Doc Rock 2014 in support of the Milwaukee Free and Community Clinic Collaborative.

Pediatric otolaryngologist, Stephen Conley, MD, was appointed Associate Editor of The Cleft Palate – Craniofacial Journal.

Christina Runge, PhD was appointed Director of Faculty Development in the MCW Office of Faculty Affairs. In this role, Dr. Runge will collaborate with other department leaders to implement strategies and programs that facilitate career advancement for faculty.

The Clinical and Translational Science Institute of Southeast Wisconsin granted Guilherme Garcia, PhD a three-year Mentored Career Development Award to study the role of pharyngeal tissue properties in obstructive sleep apnea. Dr. Garcia will be mentored by Drs. John Rhee and B. Tucker Woodson.

Bruce Campbell, MD ('85) gave a presentation on, ‘Head and Neck Surgery: Some New (and Some Old) Problems,’ at the MCW Symposium for Senior Physicians. In the audience were MCW otolaryngology alumni, Ron Darling, MD ('67), Fredric Horwitz, MD ('67) and Patrick Noonan, MD ('61).

Principal Investigator, Dr. John Rhee and his Co-Investigator, Guilherme Garcia, PhD, received renewal of funding from the NIH/NIBIB for the R01 grant entitled, ‘Creating virtual surgery targets and methods to improve outcomes of nasal surgery.’

Pediatric otolaryngologist, Cecille Sulman, MD, received subspecialty certification from the American Board of Sleep Medicine (ABSM).

Dr. B. Tucker Woodson was involved in the groundbreaking research and Froedtert & MCW is one of 22 medical centers in the US and Europe providing treatment of obstructive sleep apnea with Inspire® Upper Airway Stimulation.

Dr. Woodson performed the first commercial cranial nerve implant in Wisconsin on November 4, 2014 (pictured below).
Faculty Highlights

David R. Friedland, MD, PhD

Born and raised in Brooklyn, New York, David Friedland, MD, PhD received his medical degree from Mount Sinai School of Medicine and his doctoral degree from City University of New York. His otolaryngology residency was completed at Mount Sinai and he went on to do a fellowship in otology, neurotology and skull base surgery at the Johns Hopkins School of Medicine in Baltimore, Maryland. David joined the full-time faculty at MCW in 2002 and currently holds the title of Professor and Department Vice-Chair along with Chief of the Division of Otology and Neurotologic Skull Base Surgery, Chief of the Division of Research, and Medical Director of the Koss Cochlear Implant Program.

In addition to his administrative roles, David has been a funded researcher in the areas of cochlear implantation and music perception, vestibular disorders, molecular biology of cholesteatoma, and the association between cardiovascular disease and hearing loss. His adult and pediatric clinical practices focus on hearing rehabilitation with cochlear implants and bone-conduction devices, cholesteatoma and chronic ear disease, and acoustic neuroma along with other skull base tumors.

David has two daughters currently at rival Big Ten schools (Go Badgers and Terps) and twins successfully navigating Whitefish Bay High School. He enjoys travel, reading, cooking and running. He has enjoyed Milwaukee and takes advantage of the lake front, great arts and music scene, and sports culture.

Christina L. Runge, PhD

Christina Runge, PhD, is Associate Professor, Chief of the Division of Communication Sciences and Director of the Koss Cochlear Implant Program in the Department of Otolaryngology and Communication Sciences. She also serves as Director of Faculty Development in the MCW Office of Faculty Affairs and Diversity.

Born and raised in Iowa City, Iowa, Chris received her BA, MA, and PhD from the University of Iowa, with extensive training in audiology and auditory neurophysiology. After obtaining her PhD, Chris ‘crossed the cheddar curtain’ into Wisconsin and joined MCW as a postdoctoral fellow in 2002. She then joined the faculty in 2003 and has directed the Koss Cochlear Implant Program since 2005. Her research interests include auditory neuropathy spectrum disorder, genetics of hearing loss, speech and music understanding in adults and children, and the effects of aging on cochlear implant performance. She has published in these areas and has presented her research nationally and internationally.

Chris and her 9-year-old daughter Maia enjoy snuggling, dancing around the house, going to the mall, and playing tennis, basketball, and piano.

Cover Story

The Koss Cochlear Implant team at Froedtert and Medical College of Wisconsin is a collaboration of neurotologists, researchers, audiologists and speech language pathologists working together to provide state-of-the-art care to children and adults with severe to profound hearing loss. Using evidence based treatment guidelines and the latest implant technology, the implant team is able to help patients like Pam hear again. For an insight into the life changing events of a cochlear implant patient, view the video feature of Pam’s story at www.mcw.edu/ent.

Cover Story

The Rizal-MacArthur Medical Foundation is a Milwaukee based organization that provides medical support to the underserved, impoverished people of The Philippines. Drs. Ruben Romero (’73), Mike Cruz (’00), and Chris Long (’03) originally traveled for two weeks with this group in 2000. Since then, Drs. Romero and Long and have returned to The Philippines five times, providing care in several regions including Guimars, Dagupan City, Ibayag, Caticlan, and Tacloban City, before it was destroyed by typhoon Haiyan in 2013. Each mission trip presented its own unique set of challenges that were overcome by addressing the situation with the very basics. Dr. Long states, “The most gratifying part of mission work is the unconditional appreciation from our patients and their families. We have been given the opportunity to truly change the lives of our patients who otherwise would never receive care.”

Gabon

In March 2014, Dr. Luke Jakubowski (’14) and Dr. Thomas Robey, MD traveled to Gabon West Africa to help train surgical residents in the Pan African Academy of Christian Surgeons (PAACS) general surgery program at Bongolo Hospital. This was Dr. Robey’s sixth trip to Gabon and the first time he traveled with a resident. They took African surgery residents through ENT cases, lectured residents and staff, and assisted in clinic with ENT patients. In the evenings, they were able to enjoy time with other missionary surgeons and the African surgery residents and their families outside the hospital, experiencing life in the hot steamy jungle of Gabon.

The Philippines

In March 2004, Dr. Ruben Romero (’73) along with residents Drs. Chris Long (’10) and Ruben Romero (’73) traveled to his parent’s home town in India where he was hailed as the “doctor from America,” and people lined up for free care. He is now able to appreciate general anesthesia as a luxury after performing tympanomastoidectomies under local anesthesia while in India. The native practitioner Dr. Kodali worked with commented, “You don’t need a facial nerve monitor when the patient is awake and you’re careful.” Dr. Kodali relates that his respect for the patient’s self-control and faith was unmistakable.

Reflecting on his time in India, Dr. Kodali comments, “We sometimes lose sight of what we should do here in the US with all the layers between doctors and patients, but the simple pure relationship still exists in these outreach visits. The appreciation from these patients is infectious and addicting.”

India

Satish Kodali, MD (’98) traveled to his parent’s home town in India where he was hailed as the “doctor from America,” and people lined up for free care. He is now able to appreciate general anesthesia as a luxury after performing tympanomastoidectomies under local anesthesia while in India. The native practitioner Dr. Kodali worked with commented, “You don’t need a facial nerve monitor when the patient is awake and you’re careful.” Dr. Kodali relates that his respect for the patient’s self-control and faith was unmistakable.

Reflecting on his time in India, Dr. Kodali comments, “We sometimes lose sight of what we should do here in the US with all the layers between doctors and patients, but the simple pure relationship still exists in these outreach visits. The appreciation from these patients is infectious and addicting.”
The inaugural Best Evidence ENT 2014 was held August 2-5 at the American Club in Kohler, WI. Almost 100 attendees from MCW and various states across the country from California to Florida, contributed to the success of the conference and outstanding turnout. In addition, the conference featured the 26th Annual Roger H. Lehman Lecture and the 2nd Annual Robert J. Toohill Lecture presented by internationally recognized otolaryngologists Dean M. Toriumi, MD and Timothy L. Smith, MD, MPH.

Best Evidence ENT 2014 was a four day conference with sessions on rhinology, otology, laryngology, plastics and reconstructive surgery, pediatric otolaryngology, and head and neck surgery. Didactic talks, panels and audience response sessions focused on the latest evidence-based clinical care pathways and practice guidelines for patient assessment and treatment. The conference also included a mini sleep course directed by B. Tucker Woodson, MD and featuring the pediatric and oral surgery divisions. This mini-course incorporated new surgical approaches in the treatment of obstructive sleep apnea in adults and children.

To welcome conference attendees, an Opening Reception was held in the spectacular Kohler Design Center. Attendees enjoyed cocktails and hors d’oeuvres while mingling throughout the showroom. Golf at Whistling Straits and Blackwolf Run were high on many activity lists but those in attendance also enjoyed the Kohler spa, shops, dining and river wildlife preserve. Feedback from attendees was very positive highlighting the clinically relevant course content and audience participation as reasons to return for an all new Best Evidence ENT 2015.

Timothy L. Smith, MD, MPH
2nd Annual Toohill Lecturer
Treatment Outcomes in Chronic Sinusitis

Dean M. Toriumi, MD
26th Annual Lehman Lecturer
Progression in Management of Nasal Valve Collapse: Moving Beyond the Alar Batten Graft

Best Evidence ENT 2015 will be held Saturday, July 25 - Tuesday, July 28 at The American Club, a Forbes Five-Star and AAA Five Diamond Resort Hotel, located in Kohler, Wisconsin, one hour north of Milwaukee, one hour south of Green Bay and two hours north of Chicago. This location offers everything for the discerning traveler, from golfing the four Pete Dye-designed world-class golf courses, a 500-acre nature preserve, the Kohler Design Center, the Kohler Waters Spa, a sports center and racquet club to the exclusive Shops at Woodlake.

2015 conference attendees will have the opportunity to golf the Straits just days before the professionals, as Whistling Straits is host to the 2015 PGA Championship in early August.

The faculty of the Department of Otolaryngology and Communication Sciences at the Medical College of Wisconsin is proud to present this second annual conference that will cover the entire scope of the specialty. Best Evidence ENT 2015 will update practicing otolaryngologists on the latest evidence-based clinical pathways and practice guidelines for patient assessment and treatment. The conference will also feature a rhinology and sinus surgery mini symposium.

Featured honorary guest faculty include internationally renowned neurotologist, Paul R. Lambert, MD, Professor and Chairman of the Department of Otolaryngology-Head and Neck Surgery at the Medical University of South Carolina and distinguished rhinologist and sinus surgeon, Alexander G. Chiu, MD, Professor and Chairman of the Department of Otolaryngology-Head and Neck Surgery at the University of Arizona College of Medicine.