Department of Otolaryngology

ENT News

March 30, 2007

Mark Your Calendars!

11th International Conference on Cochlear Implants in Children
April 11 –14, 2007
Charlotte, NC

Race for the Cure
April 21, 2007

Talk Walk & Run
May 19, 2007

23rd Annual Manion-Lingeman Lecture and Research Seminar
June 8, 2007

St. Joseph Institute for the Deaf Golf Outing
June 9, 2007

New Resident Orientation
June 29, 2007

92nd Annual Anatomy and Histopathology of the Head, Neck & Temporal Bone
July 9 –July 18, 2007

The Center for Advanced Studies in Hearing, Perception, and Language

On January 19, 2007, the Indiana University Purdue University Indianapolis Executive Vice Chancellor and Dean of the Faculties, Uday Sukhatme, announced the funding of 19 proposals submitted under the campus's Signature Center Initiative, including one submitted from the **DeVault Otologic Research Laboratory** proposing the establishment of the "Center for Advanced Studies in Hearing, Perception, and Language." Center staffing consists of five full-time faculty from the Department of Otolaryngology–Head and Neck Surgery (Tonya R. Bergeson-Dana, Steven B. Chin, Marcia J. Hay-McCutcheon, Derek M. Houston, Richard T. Miyamoto), one full-time faculty from the School of Music (Debra S. Burns), and two adjunct faculty from the Department of Otolaryngology–Head and Neck Surgery (Karen Iler Kirk, David B. Pisoni).

The Center for Advanced Studies in Hearing, Perception, and Language will follow an interdisciplinary approach to study the effects of hearing loss on perception abilities, communication skills, and neural auditory processing across the lifespan. This center is comprised of four distinct research laboratories (the Infant Language Laboratory, the DeVault Otologic Research Laboratory, the Phonological Systems Laboratory, and the Electrophysiology Laboratory), thereby allowing for an interdisciplinary approach to the study of hearing, perception and language. These laboratories integrate knowledge and methodologies from different disciplines to study communication in hearing-impaired individuals across a lifespan of development from infancy to adulthood and aging. Two initial projects, one overseen by Prof. Hay-McCutcheon and the other by Prof. Bergeson-Dana and Prof. Burns, will be underway shortly.

Triological Combined Section Meeting

Pictured:
Dr. John Shea, Jr., Dr. David Horn, Dr. William House, Dr. John Shea, Dr. Ilka Nauman, Dr. Akihiro Matsuoka at the Triological Combined Section Meeting held in Marco Island, Florida February 14—18, 2007.

Employee Headlines

Welcome to:

Missy Mederios—Coding Analyst

Sami Gharbi—Software Engineer, DeVault Lab

Dee Glover—Registration Specialist

Sheila Reid—Referral Coordinator– Wishard Clinic

Patricia Gatlin—secretary to Dr. Matt

Mary Thompson-Raupp—Registration Specialist

Anniversaries:

Robyn Britt—5 years

Katie Vaden—5 years

Baby News:

Chuck Yates and his family welcomed baby girl Jacqueline Ruth on February 7. She weighed 8 lbs., 4 oz and was 20 1/2 inches long.

Clem McDonald and family welcomed baby girl Molly Clair on February 27. She weighed 8 lbs., 13 oz and was 21 inches long.

Former resident, **Adam Kaiser** and family have a new addition—baby boy Reid James.

Mandy Weinzierl and husband Joel welcomed baby boy, Logan Robert on March 19. He weighed 9 lbs. 1 oz.

Wedding Bells . . .

Jonathan Ting and his fiancée, Sam, were married here on February 21.

Life is a succession of moments. To live each one is to succeed.

RACE for the CURE

Join the Department of Otolaryngology in the fight against Breast Cancer by signing up for our team in the Race for the Cure. This year's run will take place on April 21, 2007 on the campus of IUPUI. Entry forms will be available in the administrative office or you can contact our team captain, Becky Wiley at 278-1259.

Information can also be obtained by going to: www.komenindy.org.

Talk Walk and Run 2007

Good news!!! The Talk Walk and Run 5K is now a national AG Bell event occurring in many states on the same day. It is being run and organized by Tuxedo Brothers Event Management. The walk/run is being held in May to celebrate Better Speech and Hearing month and will this year be held on May 19, 2007 at Ft. Harrison State Park. Entry forms and additional information are available at www.hearindiana.org by clicking on the Talk Walk link. A family picnic will follow the Talk Walk Run—more information will be available on the website soon.

Entry forms are also available in the administrative office.

11th International Conference on Cochlear Implants in Children
April 11—14, 2007

The following presentations with **DeVault Otologic Research Laboratory** staff as authors are on the schedule for the 11th International Conference on Cochlear Implants in Children, which will be held in Charlotte, North Carolina, April 11—14, 2007: **Tonya Bergeson, Rachel Manley, Mary Fagan:** Longitudinal changes in mothers' speech to hearing-impaired infants with cochlear implants; **Steven B. Chin, Andrew K. Kirk, Jason K. An, Amy P. Teoh:** Affricates and affrication in children with cochlear implants; **Caitlin Dillon, Kenneth de Jong, David Pisoni:** Reading, vocabulary, and phonological processing skills in deaf children with cochlear implants; **Mary Fagan, David Horn, Caitlin Dillon, David Pisoni:** Neuropsychological predictors of vocabulary and reading in children with cochlear implants; **Marcia Hay-McCutcheon, Karen Kirk, Shirley Henning, Bethany Gehrlein, Richard Miyamoto:** Cochlear implantation during the first, second, or third year of life: Implications for spoken word recognition and language skills at six years of age; **Rachael Holt, Karen Kirk, Stacy Howell:** The Audiovisual Lexical Neighborhood Sentence Test: Test development and preliminary results from pediatric cochlear implant recipients; **David Horn, Derek Houston, Richard Miyamoto:** Nonword discrimination skills in hearing-impaired infants with hearing aids or cochlear implants; **Derek Houston, Jessica Stewart, Aaron Moberly, George Hollich, Richard Miyamoto:** Very early cochlear implantation facilitates word learning; **Andrew K. Kirk, Steven B. Chin:** Postalveolar variation in children who use cochlear implants; **Karen I. Kirk, Marcia J. Hay-McCutcheon, Shirley C. Henning, Bethany L. Gehrlein, Richard T. Miyamoto:** Cochlear implant outcomes in young children with multiple disabilities; **Amy P. Teoh, Steven B. Chin:** Phonetic transcriptions of children with cochlear implants; **Jonathan Ting, Tonya Bergeson:** Development of audiovisual integration in pediatric cochlear implant users; **Jonathan Ting, Rachael Holt, Joseph Smith, Maggie Benson, Derek Houston, Richard Miyamoto:** Assessing speech discrimination in individual infants: Effects of hearing loss and contrast difficulty. Further information about the conference can be found at: http://www.ci2007usa.com/.

For further information about research activities in the **DeVault Otologic Research Laboratory**, please visit our website: http://medicine.iu.edu/devaultlab

*A **cochlear implant** (CI) is a surgically implanted electronic device that can help provide a sense of sound to a person who is profoundly deaf or severely hard of hearing.*

St. Joseph Institute for the Deaf 2nd Annual Golf Outing

June 9, 2007
2:00 p.m.
Four Person Team Best Ball Scramble
Saddlebrook Golf Course
$300.00 per team
Includes green fees, cart, range balls, dinner
For more information:
Call Shirley Henning
278-8390
schenning@iupui.edu

Award of Excellence

Miranda Cleary, David B. Pisoni and Karen Iler Kirk were honored with an Award of Excellence at the November meeting of the American Speech, Language and Hearing Association in Miami. Their article, "Influence of voice similarity on talker discrimination in children with normal hearing and children with cochlear implants" received the Journal of Speech, Language and Hearing Research 2005 Editor's Award for the best article in the area of hearing. Congratulations!!!!!

Publication by Dr. Stacey Halum

Dr. Halum's manuscript titled "Injection of autologous muscle stem cells (myoblasts) for the treatment of vocal fold paralysis: a pilot study" has been accepted for publication in the Laryngoscope journal. Dr. Halum and her research assistant, Moumita Naidu are both listed as authors.

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Riley Cares: Helping Indiana's Children Reach New Heights

Children who come to the Department of Otolaryngology at Riley have a new life awaiting them when they leave. Today, we are on the brink of extending that experience beyond the walls of Riley and into communities across the state.

The Riley Children's Foundation is working toward securing a major financial gift from a long-time ENT supporter. The goal: Secure the resources needed to partner with St. Joseph's Institute for the Deaf to train and send qualified speech pathologists where they're needed most: in the towns and cities where our patients live.

Through many gifts like this one over the years, donors to the Riley Children's Foundation have given this department's faculty and staff the ability to do what you do best. They have invested their faith and their money in us.

Now, it's our turn.

We have the chance to join our colleagues in supporting Riley Hospital through *Riley Cares: Helping Indiana's Children Reach New Heights*. This is the first-ever fundraising campaign for Riley among faculty and staff, and we are striving to achieve 100-percent participation. Two departments within Riley already have risen to the occasion, and many more are close.

The cochlear implant program at Riley began with $25,000 from donors to the Riley Children's Foundation. Today, no one knows better than you do what we can achieve with this type of support.

By becoming Riley donors ourselves, we will be telling the rest of Indiana and the world how much we believe in the work we do, and how worthy it is of their financial support.

Please join me in giving to *Riley Cares*. You can get a pledge or payroll deduction form from my office, or visit RileyKids.org/rileycares to make an online gift or download a form. If you'd like to talk confidentially about where your gift will be used, contact Kathy Dannels at 634-4474, ext. 320, or kdannels@rileykids.org.

Let's be the next department to announce that we've achieved 100-percent participation to support Indiana's children.

Thank you.

-Dr. Richard Miyamoto