

ENT News

Indiana University School of Medicine

Spotlight: DeVault Otologic Research Lab

This past summer has been a busy one for the faculty and staff in the DeVault Otologic Research Laboratory. Due to the funding provided by Dr. David Pisoni's NIH training grant, first year medical students get the opportunity to be involved with the research studies that are ongoing in the laboratory. Dr. Chris Miyamoto was the first medical student to take advantage of this program back in 1993. Since that time, 60 medical students have been invited to participate in the research projects. A few of these former students have gone on to further their research careers, while others are involved in specialties such as internal medicine, anesthesiology, facial plastics, psychiatry, and emergency medicine to name a few.

This year the projects varied in their focus and study populations. Listed below are the trainees for this past summer and the projects they worked on.

~Andrea Jester, who gets the award for seeing the largest number of study participants in 12 short weeks, worked with Dr. Mario Svirsky. She examined how intelligible the speech is of early implant children.

~Lisa Burckhartzmeyer, who is a master at creating graphic supplementary materials, was mentored by Dr. Rachael Holt. They worked on the development of a new sentence test intended to be administered to young children.

~Jeff Clark, who gets a kick out of working with cellular structures, was supervised by Dr. Eri Hashino in the Research Institute building. He examined the effects of the sonic hedgehog gene and retinoic acid (the antioxidant vitamin A) on the neural growth of embryonic stem cells.

~Joe Smith, who makes a wickedly good cheese cake, worked with Dr. Derek Houston in the infant laboratory. Together Joe and Dr. Houston determined the test-retest reliability of a new test designed to evaluate how infants discriminate speech sounds.

~Kristopher Hunt, who is an amateur weightlifter, worked with Dr. Marcia Hay-McCutcheon. Kris examined how the effects of aging might influence individuals' ability to integrate auditory and visual speech information

~Laura Sech, who is very proficient with the Spanish language, worked with Dr. Tonya Bergeson-Dana. Together they examined how normal-hearing and cochlear implant infants process auditory and visual speech information.

It is hoped that through all of these studies, a greater understanding of how the auditory system can be repaired and how the normal and impaired auditory system processes speech will emerge. Boy, do we have a lot of work ahead of us!

Submitted by Marcia Hay-McCutcheon

September 1, 2005

Dates to Remember

~ Skull Base~

September 16, 2005

University Place

Conference Center

~Sursa Lecture~

October 5, 2005

~Lingeman Lectureship~

November 18, 2005

Ruth Lilly Learning Center



Welcome . . .

Meagan Melton—PSA for Speech at Riley

Dee Dee Hammond—Speech Pathologist at UH

Kristen DeLuca—Speech Pathologist at Riley

Rachel Harrison—Audiologist

Amanda Weinzierl—Audiologist

Jeanne Carr—nurse to Dr. Fritsch

Amy Gunn— Speech Pathologist at Riley

Dr. Stacey Halum—Part-time Faculty

Chad Robbins— Dr. Ulm's secretary

Jonathan Ting—Research Resident

You "Oto" Know . . .

The Infant Language Lab was featured on Channel 13. Anne Marie Tiernon interviewed Derek Houston and Tonya Bergeson-Dana who described the work that is being done in the lab and how their work will create a way to help deaf children with cochlear implants to begin to comprehend the hearing world around them. The Infant Lab was also featured in the Indiana University Medicine quarterly publication describing how our researchers here are improving the treatment for profoundly deaf toddlers who have cochlear implants.

Congratulations!!

To speech pathologist Adrienne Bohannon and her husband, Patrick. They were married on July 2, 2005.

Anniversaries

10 years

Heather Aloor—Hashino Lab

5 years

Jill Maloy—Dr. Chris Miyamoto's nurse

Ashlie Weidemann—Billing

Births

Brad and Amy Bichey welcomed Mary Ella on June 21, 2005.

Su Wooi and Amy Teoh are the proud parents of baby Reid born July 23, 2005.

Brendan and Stacy Kluszynski welcomed baby Caitlin Rose on August 3, 2005.

Clem & Kellie McDonald proudly welcome Kate Elise born August 27, 2005

Goodbye and Good Luck to . . .

Karen Kirk, Rachel Holt, Mario Svirsky

Physicians Practice Magazine, sponsored by Indiana University Medical Group, included an article in their May issue entitled *Treatment Update: Defeating Deafness*. Dr. Miyamoto shared his vast knowledge of cochlear implants in infants and the reasons why implants and hearing aids are so successful in infants. A case study was also included in the article about bone conduction implant (BAHA) being done in a cancer case in which because of a postoperative cavity the only option that would work to restore hearing was the BAHA. Both publications are available in the Administrative Office.



Renovations in Riley Basement

The renovation in Riley basement is underway. Audiology, speech, and the cochlear implant areas have new paint and carpeting and soon the hearing aid area and waiting area will be finished as well. Please stop by and see for yourself the beautiful transformation that has taken place. Thanks to everyone for your help and hard work in getting the job done.



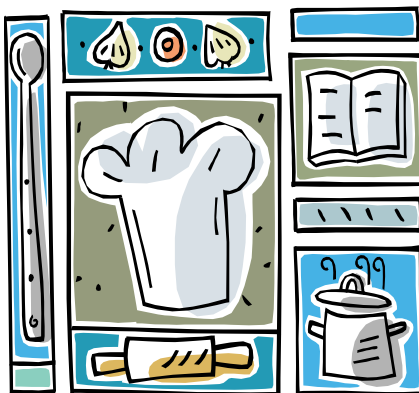
Lawson RPM

The Clarian Lawson system is changing. Beginning September 8, 2005 all Clarian employees will be able to change their own personal information, direct deposit, payroll information such as dependents, exemptions and make changes to your retirement account. It will be totally self service.

If you do not currently have a Lawson sign on they will be sent to you before September 1. If any Clarian employee has questions regarding the new and improved Lawson system please contact your change agent Debi Myers @630-8979 or email your questions to decmyers@iupui.edu.

Make-a-Wish Cookbook

Many of you contributed to our departmental cookbook and helped to raise \$105 that was donated to the Make-a-Wish Foundation by purchasing a copy. Applause, applause to Tanya Hobbs who coordinated the effort by collecting the recipes, typing, and organizing them in cookbook form.



2nd Annual Talk Walk

Join Hear Indiana at the 2nd Annual "Talk Walk" on Saturday, October 1, 2005 at Fort Harrison State Park. All proceeds benefit Hear Indiana, the Association for Children with Hearing Impairment. Log onto www.agbell.org/in/ for a printable registration.

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Don't forget to submit your items for the newsletter to Jane Adamson, RR 132 or email me at: jaadamso@iupui.edu. The next newsletter will be published in December.

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www.iupui.edu/~iuoto