

# The Link



LOMA LINDA UNIVERSITY  
School of Allied Health Professions

*Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skillful execution; it represents the wise choice of many alternatives.*

-- William A. Foster

## HONEYBEES AND SAHP: Pollinating The World



For as far back as I can remember, I've been in love with nature! My mother, who I'm certain would be a contender for the world's most patient person, tolerated a menagerie of "friends" I was constantly bringing home to share my room. Mammals, reptiles, amphibians, birds, spiders and insects – I lived with them all!

Though anything fauna was special, I always held a particular fascination for the social insects – bees, wasps and ants. Honeybees were especially intriguing as they could be found anywhere there were flowers; and furthermore, I learned early on that honeybees were responsible for much of the world's flower pollination, and thus, for many of the fruits and vegetables we eat and the seeds we plant.

An average honeybee is slightly greater than one centimeter in length and weighs approximately 2-tenths of a gram – that is about 1-tenth the weight of a penny. Yet, in spite of their small size, pollinating honeybees contribute to the annual U.S. production of 4.5 million metric tons of apples, and internationally, 75 million metric tons of citrus, 32.5 million metric tons of tomatoes and 750 thousand metric tons of almonds, to name just a few. In 2008, honeybees pollinated over 70 million acres of soybeans in the United States. That translates into 109,375 square miles of pollinated soybeans in one year!

How do such small creatures, which at top speed fly only about 15 miles per hour, accomplish such an incredible feat?

The sheer enormity of this task, and the speed with which it is carried out, is attributable to the well-ordered division of labor programmed into a colony's behavior. Every worker in a colony

is a specialist. Each does her job and none other. Mistakes, risks and duplication of effort are dramatically minimized as a result of this specialization. And likewise, specialization results in a remarkably-high labor efficiency. By working together, each in its own niche specialty, these small insects achieve work on a grand scale, and they do it well!

As my career has taken me into the field of education within the allied health professions, the similarity of this organizational structure to a honeybee colony has not been lost on me. In both cases, working populations, though perhaps large in absolute numbers, are proportionately small compared to the size of the task. You, our alumni, are our "honeybees." You are well-trained specialists, able to efficiently integrate your skills with the skills of the other disciplines making up the spectrum of healthcare specializations.

As our world moves farther into the 21st century, demographic changes will be accompanied by increasing pressure on the U.S. healthcare industry. The ability of the industry to meet this increasing demand, and to do that work well, is in part dependent on a labor force that is well-trained, specialized and working in synchrony between specializations. That's you! Special, dedicated, and qualified to meet the demand of our ever growing population. You are our honeybees!

Sincerely,

Ernest Schwab, M.S., Ph.D.  
Associate Dean for Academic Affairs



# SPEECH-LANGUAGE PATHOLOGY & AUDIOLOGY CHANGES DEPARTMENT NAME

Written by Paige Shaughnessy, Ph.D., CCC-SLP  
Graduate Program Director

The Speech-Language Pathology and Audiology Department is changing its name to the Department of Communication Sciences and Disorders (CMSD). The name change was prompted by two major facts: (1) 60% of college and university programs use either, "Communication Sciences and Disorders" or "Communication Disorders" as a name to describe their speech program; and (2) "Communication Sciences and Disorders" represents the true scope of practice, which includes more than just speech and language therapy and audiology services. Speech-language pathologists and audiologists work in a variety of settings (e.g., clinical, research, education, etc) and perform a variety of functions (evaluation, treatment, clinical research, administration, education, supervision, etc).

The name change will be implemented July 1, 2009; however, the department's website now shows the new name, as well as the old one. All programs in the department (i.e. Bachelor of Science, Master of Science-Transitional Program, and Master of Science) will change to "(name of degree program) in Communication Sciences and Disorders." Diplomas of students who graduate June 2009 will show the major as Speech-Language Pathology (for the master's degree) or Speech-Language Pathology and Audiology (for the bachelor's degree). After July 1, 2009, all diplomas will show the major as, "Communication Sciences and Disorders."

## FORMER SAHP DEAN PASSES AWAY

Former SAHP dean, Ivor C. Woodward passed away in the early afternoon of Saturday, August 2, 2008. He is survived by his wife, Clarice, and daughters Gwen Schmidt and Cathy Kolin.

In 1965, Dr. Woodward was appointed by Dr. Robert Cleveland, vice-president of academic affairs at Loma Linda University from 1964-1973, to be the first dean of the new School of Allied Health Professions which opened July 1, 1966. Cleveland said of the appointment, "There is a need for an overall administrator to give these sciences representation in the councils of the university, and the academic



and administrative advantages that accrue."

Woodward had the challenge of bringing five disciplines together which had operated independently for a number of years. You can imagine the initial struggle: departments physically moving to a new location, having a new administrator, new policies...it was an endeavor most of us would not relish.

However, Woodward demonstrated outstanding leadership in forming the first five departments under the umbrella of the school. Later in his twenty-year tenure, two other departments joined the school. Many programs were added to each department creating the largest school on the LLU campus.

An educator with a keen interest in high technology, Woodward had added training in radiological technology prior to his appointment which prepared him well for leadership in the allied health arena.

Woodward retired in 1986 and continued to live in the Loma Linda area until 1995 when he and his wife, Clarice moved to Marysville, Washington near their two daughters.

## NEW FACULTY MEMBER JOINS DEPARTMENT

Jennifer St. Clair is the newest alumni-turned-faculty to grace the Speech-Language Pathology and Audiology (SLP) Department as a full-time assistant professor and clinical coordinator. She graduated in 1997 with a BS in Speech Pathology and Audiology and again in 1999 with an MS in Speech Pathology.

*"I enjoy the  
interaction  
with this new  
generation of  
students"*



Once graduated from SAHP she moved to Phoenix, Arizona and worked in the Washington Elementary School district for seven years as a speech pathologist working with mild to moderately impaired children from grades K-6. She returned to California in 2006 and worked in San Bernardino with moderate to severely impaired children. "I enjoy seeing the progress with the kids; that moment when the light bulb goes on and things start making sense. I love seeing the joy it brings the kids and the families. That's why I do this," says Jennifer.

Now a professor at her alma mater, Jennifer enjoys the daily interaction with a new generation of students.

# DEPARTMENT STRENGTHENS BOND WITH LLUMC

Written by Brian Sharp, MS, CCC-SLP, Assistant Professor, Externship Coordinator



Jonathan Pilgrim & Jennifer Brucks - students in the Speech-Language Pathology Transitional Master's program. Graduating in 2010.

As some of you may know, for decades, the SLP Department has been placing first year graduate students in our own Loma Linda University Medical Center for their beginning acute rehabilitation clinical experience. This continues to be a valuable experience for our students, as it allows our students to learn and practice the skills necessary for medical speech pathology at a beginning level. The LLUMC acute rehabilitation clinical experience allows our students to develop the necessary skills before they begin their advanced medical externship (which they complete during their second year of graduate school).

In the past, our own Department faculty have provided the clinical instruction for students in this beginning clinic. This year, however, we are glad to announce a change in the way students are instructed. Our students are now receiving clinical instruction from the speech-language pathology staff at the LLUMC, East Campus Rehabilitation Center. Coordination of the program is the responsibility of both Paige Shaughnessy, graduate program director, and myself, externship coordinator.

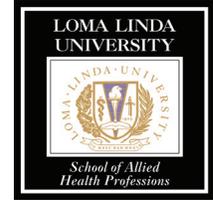
We are excited about the change, for a number of reasons: Our students are able to observe different therapists in the medical setting; they are able to learn a variety of treatment techniques from a variety of therapists; our faculty are able to collaborate with the LLUMC speech-language pathologists; and it establishes the LLUMC speech-language pathology department as an integral part of our clinical instruction program.

The first two quarters of this new program have been very successful. Students report they are getting to know the staff and their patients, and they are demonstrating excellent clinical skills. The clinical instructors report they are enjoying having the students there, and are learning more about how well our students are prepared. Jonathan Pilgrim and Jennifer Brucks [pictured] are currently completing their beginning medical experience with Jodie Moran, CCC-SLP at LLUMC, East Campus.

We are excited to be working with the speech-language pathology staff of LLUMC, and we are looking forward to seeing this collaboration grow through the years.

## DID YOU KNOW?

All of the entities under Loma Linda University have undergone an identity transformation over the past year. Each school logo has been modified, as can be seen from the SAHP logos below.



Previous SAHP Identity



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New SAHP Identity

SAHP faculty and staff wore red for Heart Disease Awareness Day, February 6, 2009



## SCHOOL UPDATES

**LLU CEUs at Sea: Continuing Education for Health Care Professionals.** Set sail to the Western Caribbean from July 26 to August 2, 2009. TOPIC: How Healthy Are You... Really? CEUs approved for Rad Tech, Dietary, Nursing, PT, OT, Resp. Therapy, and other Allied Health Professionals. Deposit deadline: 2-15-09. Final payment due: 4-25-09. For more details, please visit our website at [www.llu.edu/llu/sahp/cruise/2009](http://www.llu.edu/llu/sahp/cruise/2009)

**The LLU School of Allied Health Professions invites its alumni and friends to the 13th Annual Alumni Homecoming and Continuing Education Convention** to be held April 16-19, 2009. Weekend events include continuing education courses, a free vespers concert by Rudy Micelli, the annual potluck on the hill, tours of the new buildings on campus, and the Alumni Recognition Banquet. Please visit the homecoming website at [www.llu.edu/llu/sahp/alumni/continuinged](http://www.llu.edu/llu/sahp/alumni/continuinged), or call Jaclyn Pruehs in the SAHP Alumni office at (909) 558-7840 for additional information.

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## 2009 CALENDAR

MARCH:  
SAHP alumni reunion  
in San Diego, CA.....4

APRIL:  
13th Annual Alumni  
Homecoming & Continuing  
Education Convention.....16-19

MAY:  
Physician Assistant alumni  
reunion at Prime Med West in  
Anaheim, CA.....8

EMC/Respiratory alumni reunion  
in Palm Springs, CA.....14

JUNE:  
Graduation.....14



# Great Idea

Good news! You don't need to fill out a contact card, address it, stamp it, and mail it to us so we have your updated information. You can now update everything ONLINE! Visit [www.llu.edu/llu/sahp/alumni/stayconnected](http://www.llu.edu/llu/sahp/alumni/stayconnected) and fill out the forms.

We would love to know about any new events happening in your life. Email your photos and stories to [jpruehs@llu.edu](mailto:jpruehs@llu.edu).

Sign up now for our new online mailing list to receive the *SAHP Source*, email notifications of Alumni events, school/university updates and so much more! You will find the sign up form on the Stay Connected page.



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OFFICE OF ALUMNI AFFAIRS

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& AUDIOLOGY

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