Message from the Chair

Whew! There is so much going on at ASU and in our department that it nearly takes your breath away. If you haven’t heard about the many changes at ASU, I encourage you to surf the university’s web page. A great place to start is President Michael Crow’s site http://www.asu.edu/president/. It was rewarding to have the eyes of the world on our campus this fall. In just one momentous week, we hosted the 3rd and final presidential debate of 2004, had our first Nobel Prize winner, and our then-undefeated football team played the #1 team in the country (okay, so the week didn’t end all that well…). ASU is improving and evolving into one of the premiere universities for the 21st century. It is truly a fun and exciting place to be.

The Department of Speech and Hearing Science has experienced many important changes during the past year. Most notable among them was our move into the Lattie F. Coor Hall. All of our programs, except the Infant Child Research Programs that remained “on the hill” at the Community Services Building, are now together on campus in some of the finest facilities in the country. Our new and expanded space will allow us to accomplish goals that otherwise we could only dream about. Other recent highlights around our department include the addition of four new faculty members, the initiation of our AuD program, the restructuring of the clinic administration, a $200,000 investment in our clinic facilities, and nearly $5,000,000 in new federal grant funding. To discover more about these and other changes in the department, I invite you to read this newsletter and explore our newly developed web page at http://www.asu.edu/clas/shs/. Please visit the site often, as it is still being modified and updated. Better yet, please visit the campus and our new facilities. We’d love to show you around!

Reflections

My academic training was in the field of linguistics, as was the first twenty-six years of my career as a university professor and administrator. Over my academic career, it became clear that my interests more and more involved the field of speech-language pathology. It was with that realization in mind that I accepted the challenge of becoming Chair of the Department of Speech and Hearing Science at Arizona State University in July of 1998. It is difficult then, in looking back at the last six years, to separate the development in the department from my personal experiences resulting from a change of disciplines. Concerning research, I found what I more or less expected. The department has a strong national reputation, and has continued to grow strong through high productivity in publications, presentations, and increased research funding. I assume that our alumni commonly see our department’s name in journals and books, through both faculty who have been here for years and those who have joined the department more recently. Less clear, however, was what to expect in overseeing a highly ranked training program of speech pathologists and
audiologists. It is in this regard that the rewards and challenges of being Chair were most striking. The rewards were in seeing first hand the commitment and quality of training in our graduate programs. The department has first-rate clinical faculty who have unequivocal commitment to serving people with speech and hearing problems, and training future clinicians to serve the citizens of our state and country. Our graduate students are selected by a vigorous admission process and are among the best in the nation. They, like the clinical and academic faculty, have shown an unwavering commitment to our profession. With these rewards, however, have come challenges. In the last six years we have changed the curriculum in both audiology and speech-pathology. We now have a new Doctorate in Audiology, with our first graduate class admitted this Fall. In speech-pathology, we have revised our program, and continue to do so, to meet new standards set by the American Speech-Language-Hearing Association (ASHA). Thrown in this mix was the hard work and preparation to undergo our seven-year periodic review for ASHA that successfully took place in April of 2004. Last, and far from least, was the opportunity to move into a stunning new facility in the Coor Building and bring the faculty together in one location. I have learned first hand that the discipline of speech and hearing science brings together the best of two worlds, the ability to combine research excellence with social commitment and service.

Faculty News

Andrea Pittman, Ph.D. Dr. Pittman comes to ASU from Boystown National Research Hospital in Omaha, NE where she worked for 6 years as a researcher in the Hearing Aid Research Laboratory directed by Dr. Patricia Stelmachowicz. Dr. Pittman is currently assembling the Pediatric Amplification Laboratory where she plans to study the speech perception of children with hearing loss. Her current research, funded by a grant from the NIDCD, focuses on a listener's ability to blend the acoustic components of speech into a coherent signal. She hopes to determine how age (young children vs. adults) and hearing loss (normal vs. impaired) might affect the coherence of that signal.

Adelaida (Laida) Restrepo, Ph.D. Dr. Restrepo joined the Department in July, 2004 as an associate professor. She came from the University of Georgia, where she worked for 9 years. Dr. Restrepo obtained her Ph.D. at the University of Arizona under the mentorship of Linda Swisher. She specializes in language development and disorders in Spanish-speaking and bilingual children. She is especially interested in identifying accurate measures for language assessment of preschool and school-age children. She is also interested in determining how much and what type of language intervention is necessary to improve both languages and literacy in bilingual children with typical and atypical language skills. Dr. Restrepo will be teaching two of the courses in the bilingual SLP Masters training program and other courses in the child-language track.

Lawrence Forestal, Ph.D. Dr. Forestal, formerly a New Yorker, is a new Senior Lecturer of American Sign Language at ASU. He is currently working on a new course proposal, “Deaf Culture and History.” For the past two years, he was assistant professor at the University of Utah where he helped establish a B.A. degree in Teaching ASL. He received his Ph.D. in Deafness Rehabilitation from New York University.

Geraldine R. Francini, M.A. Ms. Francini is a native of Chicago, and has been a Lecturer of American Sign Language at ASU since last February. She taught American Sign Language at the University of Utah, Gallaudet University, Frederick Community College in Maryland and McHenry Community College in Illinois as well as the “Teaching Methods in Social Studies” graduate course at Gallaudet University. In addition, she was a high school History and international studies teacher at the Maryland School for the Deaf. She received a Master’s degree in Education from Gallaudet University.

Promotions

Dr. Tamiko Azuma was promoted last spring from Assistant Professor to Associate Professor with tenure. She has opened a new lab called the “Aging, Memory, and Language Lab.”

In August 2004, Dr. Ingrid McBride completed her doctor of audiology degree and was promoted to Director of the Audiology Clinic. Dr. McBride has also been promoted from assistant clinical professor to associate clinical professor effective during the 2005-2006 academic year.
New Grant Funding

Dr. Shelley Gray was awarded a $2.5 million federal 'Early Reading First' grant. The grant project is a collaborative partnership between ASU's Department of Speech and Hearing Science, Tempe Elementary School District, Maricopa Head Start, Tots Unlimited, and the Arizona Literacy and Learning Center. It provides funding to create five model Early Childhood Centers of Excellence to improve instruction and classroom environments so that preschool children learn the language, cognitive, and early reading skills required for later school success. Children's progress will be followed for three years and compared to children who do not participate in the program. Teaching teams will participate in coursework at ASU and intensive, in-classroom mentoring. Grant partners will work together to meet the ultimate goal of Early Reading First - to develop successful early childhood educational programs that prevent later reading difficulties and promote academic success.

In July, Dr. Julie Liss was awarded a 1.5 million dollar grant from the National Institutes of Health (NIDCD), entitled "the Perception of Dysarthric Speech." This 5-year grant will examine how listeners decipher the speech of persons with one of four different neurological disorders: ALS, Parkinson’s disease, multiple sclerosis and Huntington’s disease. Each of these diseases is associated with a distinctive pattern of speech degradation. As such, each offers different patterns of acoustic cues listeners use for each dysarthria type. This information will lay the groundwork for the development of a treatment paradigm that is driven by the link between perceptual strategies and acoustic information. This work is a collaborative project with her colleagues in the Department of Neurology at Mayo Clinic-Scottsdale.

Dr. Michael Dorman and co-investigator Dr. Anu Sharma (UT-Dallas) were awarded a NIH grant from 2004-2009 in the amount of $894,769 to investigate Central Auditory Development In Hearing Impaired Infants.

Events: Past and Upcoming

New Facility for SHS. In January 2004 we departed the yellowing halls of the Language and Literature Building to move into the newly built Lattie Coor Hall. Our administration and clinic are housed on the second floor and academic offices and laboratories are on the third floor. The long-awaited space has allowed us to expand our services to the community and provide greater opportunities for our students. Furthermore, our potential for continued growth is substantial. To celebrate the move, the Department hosted an open house on October 22, 2004 with guided tours of both our clinic and research facilities. The event was a huge success with a large turnout from the medical and educational community. Our students dressed in black and conducted the tours with great professionalism. This was a great opportunity for both the faculty and students to mingle with our colleagues in the community who provide valuable off-campus experiences for our students. We want to thank everyone who attended and extend an invitation to all those who would like a tour in the future. We have been able to expand our clinical programs and research laboratory space and welcome the opportunity to tell our alumni and community members about all of the exciting clinical, research, and educational opportunities.

Child Phonology Conference. The Department of Speech and Hearing Science hosted the annual Child Phonology Conference on May 14 and 15, 2004. The Child Phonology Conference has met annually for over twenty-five years at university campuses throughout the United States and Canada. The participants are international researchers whose research is on phonological acquisition in both children developing typically and children with phonological impairments. This year’s conference included scholars from the United States, Canada, Great Britain, Taiwan and Hong Kong.

Continuing Education Focusing on Multicultural and Bilingual Issues. The Infant Child Research Programs (ICRP) offers training workshops for working professionals interested in receiving additional training in serving culturally and linguistically diverse populations. The workshops also offer pre-approved CEUs by the Arizona Department of Health Services. In September of 2004, Dr. Cheng was the featured guest speaker with a presentation entitled “Lost in Translation: Issues of Assessment in Bilingual/Multicultural populations.” Approximately 100 persons were in attendance.

A second workshop is planned for April 1 and 2, 2005. Sessions for each day are different and will last 4 hours. CEUs may be earned. The presenter will be Dr. Donna Jackson-Maldonado, who will discuss vocabulary development and Spanish syntax. Information on workshop events is available through the ICRP/ASU website, http://icrp.asu.edu. For more information regarding these workshops please contact Miriam Garlant, Coordinator of the Bilingual Training Program, at 480-965-8575 or by e-mail [miriam.garlant@asu.edu].
Clinical Updates

The Main Campus Speech & Language Clinic

The Speech and Language Clinic now has 7 therapy rooms that can be viewed through a two-way mirror. Four of these can be used for small groups and the other 3 for groups that hold up to 8 individuals. In addition we have an Augmentative Communications Lab, a Voice Lab, a Pediatric group room and a multipurpose room with a kitchen. Several of the rooms are linked via remote camera to a multimedia room for viewing and tapping. In the main campus Speech and Language clinic we have four clinical supervisors that offer a range of services to several different client populations. Some of the core areas of service are highlighted below, but are by no means exhaustive. For more information about the group, contact the ASU Speech and Language Clinic at (480) 965-2373.

Fluency: David Woods supervises graduate students in both the diagnostic and therapeutic management of individuals with fluency impairments. In addition to these individualized sessions, he and Cathy Bacon recently established the ASU Fluency Group. This group will be meeting on the third Wednesday of every month from 6:30 pm to 8:00 pm and is open to anyone in the community that is interested in stuttering and issues related to fluency disorders. The first meeting was well attended, thanks to collaboration from the National Stuttering Association, and focused on Stuttering: Recent Developments and Future Directions.

Adult Neurogenic Clinic: Dr. Pamela Mathy and Kelly Ingram coordinate individual, small-group and large-group therapy for adults with communication impairments as a result of brain damage. Individual therapy focuses on discrete, linguistic skills whereas the group settings focus on communication skills to enhance functional interactions. Candidates for groups are selected based on level of ability and interests. All clients are assigned a clinician that individualizes their goals based on their communication status and personal objectives. Assessments are conducted for all new referrals and a comprehensive evaluation report is provided to the client, family and any agency that the client specifies. Re-evaluations are conducted on an annual basis for ongoing clients.

Voice Clinic: Assessment and therapy for voice and resonance disorders are coordinated by Laurie Baker. A consulting otolaryngologist, Dr. Kaiser, is present during all nasoendoscopy examinations. The clinic has a state-of-the-art digital videostroboscope, the Computerized Speech Lab (CSL), and a nasometer to assist in visualization and acoustic measurement of speech parameters.

Bilingual Clinic: Evaluation and treatment services for both bilingual and monolingual Spanish-speaking children and adults are available under the supervision of David Woods. Services range from specific language impairments and phonological/articulation deficits in children, to aphasia and articulation therapy for adults.

Pediatric Audiology: Kathryn Wexler supervises Doctor of Audiology students in both the diagnostic and rehabilitative management of infants and children as part of the Center for Hearing Impaired Children (CHIC) program. Children seen through this program receive comprehensive diagnostic audiological testing and hearing aid fitting and follow-up.

Continued on p. 5
secondary students. Services include auditory processing assessment, evaluation of complex language functions and reading-readiness skills, consultation with teachers and psychologists, participation on the IEP team, and intervention recommendations for families and school personnel. All children referred for an auditory processing disorder evaluation receive both an audiological and a speech-language assessment. APD assessments are completed under the supervision of Dr. Ingrid McBride and speech-language assessments are completed under the supervision of David Woods.

**Adult Diagnostic Audiology:** Comprehensive audiological assessment is completed on every client to determine site of lesion, degree of hearing loss and appropriate medical or rehabilitative intervention. The assessment routinely includes advanced diagnostic assessment tools such as immittance and otoacoustic emissions. Diagnostic assessment will be expanded this spring to include auditory evoked potentials and vestibular assessment using video nystagmography (VNG). Dr. Ingrid McBride and Sharon McKarns supervise Doctor of Audiology students in the diagnostic assessment of adults.

**Hearing Aid Clinic:** Comprehensive hearing aid fitting and follow-up is provided for adults and children seen in this clinic supervised by Dr. Ingrid McBride, Sharon McKarns and Kathryn Wexler. In addition to an audiological evaluation, a comprehensive communication needs assessment is completed for each client to determine hearing aid candidacy and appropriate hearing aid technology. A comprehensive fitting protocol is followed including verification and validation measures to ensure a satisfactory fitting. The ASU Audiology Clinic specializes in the fitting of advanced digital hearing aids and utilizes state-of-the-art fitting equipment.

**Naomi Craig Technology and Rehabilitation Center:** The Naomi Craig Hearing Technology and Rehabilitation Center offers assistive device evaluation, hands-on demonstration and dispensing of a variety of assistive listening devices, alerting/signaling devices and telecommunication devices. Living with Hearing Loss aural rehabilitation classes are also available. This past semester, under the supervision of Dr. Ingrid McBride, aural rehabilitation groups were offered for seniors with hearing loss and late deafened adults. In the spring semester, a support group for parents of hearing-impaired children (PAL Program—Parents Adjusting to Hearing Loss) and an aural rehabilitation group for cochlear implant users will be offered. These 8-week AR groups meet once per week for 2 hours. Participants gain a better understanding of their hearing loss, hearing aids, assistive technology and techniques to overcome communication difficulties. Discussions about everyday problems and solutions and the interaction and ability to share with other people experiencing similar circumstances are valuable curative factors of group therapy.

**Infant Child Research Programs**

The Infant Child Research Programs (ICRP) are located on the first floor at the ASU Community Services Building. This program, which is directed by Dr. Jeanne Wilcox serves four primary purposes. First, the ICRP is a research laboratory for developing and testing speech, language, and early literacy interventions for young children. Second, it is an early intervention service delivery program for families and their infants and young children (including those developing typically and those with developmental concerns/disabilities). Third, it provides a site for clinical training of graduate students in SHS as well as students from other programs. Fourth, the program sponsors parent and professional educa-

**Alumni Event at the ICRP.** On Saturday, February 12, 2005, the ICRP will be hosting a College of Liberal Arts and Sciences alumni event with a focus on learning about child development through experiencing activities in typical toddler and preschool programs. Alumni will spend a morning as a toddler under 24 mos., as a 24-36 mo. old child, and as a preschool child as they rotate through activities to enhance development in young children. Participants will learn how to enhance social-emotional development, facilitate sharing and peer interaction, manage challenging behaviors, survive tantrums by “twos”, deal with toilet training, facilitate speech and language development, and jump start literacy skills. Babysitting is available for a limited number of children. For more information or to register, contact Linda Raish (480-965-0377).

**Promoting Language and Literacy in Childcare Programs.** In August, 2004, the ICRP completed a 2-year project that was funded by the Virginia C. Piper Charitable Trust that applied interventions from a previous grant that had great results in
Clinical Updates: ICRP (continued from p. 5)

Head Start classrooms, into daycare/preschool settings. The grant involved training the daycare teachers to promote pre-literacy, phonological awareness, and language/social skills in the classroom. Four diverse daycare/preschool sites were identified, a low income, family-owned daycare/preschool, a site on the Pima Salt River Reservation, a site in a YMCA, and a long-established, private non-profit site in downtown Phoenix. The speech-language pathologists on staff who provided the on-site training included: Dr. Jean Brown, Miriam Garlant, Shereen Thomas and Dawn Cosgrove Greer.

The training included classroom modeling, teacher meetings and classroom observation. During classroom observations a Curriculum and Assessment Tool devised for the grant was used to determine progress made by the teacher and next steps. This curriculum tool is available on the ICRP website and is useful to both teachers and speech-language pathologists. Results from the training indicated improvements for all of the sites. Each site started at a different level and advancements were noted for each.

A presentation on this grant was conducted for the ASHA national convention in November 2004. The presentation is also online: http://icrp.asu.edu. If you would like more information about this project, the curriculum, or the self-assessment tool, please contact Dr. Jeanne Wilcox at the ICRP (480-965-9396).

Student News

Third-year doctoral student Addie Lafferty was awarded an $80,000 Head Start Graduate Student Research Grant. Addie’s advisor, Dr. Jeanne Wilcox, assisted Addie in obtaining this highly competitive award, and will serve as the faculty advisor for the research project. This two-year grant, which will also serve as Addie’s dissertation research project, includes an intervention study examining literacy outcomes in bilingual 4-year-old children enrolled in the City of Phoenix Head Start program.

First-year AuD student Kendell Vincent was one of 100 audiology students from around the country chosen to receive a $600 scholarship from Oticon hearing aid company as part of the hearing aid manufacturer’s 100th anniversary celebration. Kendell wrote an outstanding essay addressing the question “Why is a people-oriented profession still relevant in an increasingly technology-oriented society?”

Dr. Laida Restrepo is working on developing a student exchange program with the Universidad Autónoma de Querétaro in Mexico. This program will provide students from ASU and UAQ the opportunity to study and participate in internships for 6-15 weeks at the host institution. This exchange program will help students learn about each others’ cultures in relation to families and children with disabilities. In addition, Dr. Restrepo and Miriam Garlant, the bilingual program coordinator, have started a support group for bilingual speech-language pathologists to discuss and share materials, new research, case studies and best practice principles. The next meeting will be held on February 7th at 5:30 at the ICRP.

NSSLHA NEWS: To promote May is Better Hearing and Speech Month, our chapter conducted a successful two-day service project that provided free hearing screenings to nearly 60 people on the ASU campus. The Fall Semester highlights included forums, a service project, and travel scholarships to the ASHA convention. Our Jobs in Audiology forum invited three guest speakers, Tammy Taylor, Anni Karine Lamoureux, and Kim Harding, to summarize their diverse and interesting work experiences. In November, members of our chapter had a lot of fun participating as a team in the Down Syndrome Network Buddy Walk, which was an entry in the ASU Homecoming Parade. Our NSSLHA chapter was also very pleased to reward two very qualified members scholarships for the ASHA convention, with the help of Dr. Sid Bacon. Congratulations to Kendell Vincent, an AuD student, and Chelsea Youngs, a Bachelor’s student! A Forum on Jobs in Audiology is set for the Spring 2005 semester. We will also hold our annual Silent Auction, and are beginning to collect items for auction. Our very ambitious goal this year is to send 5-10 students to the ASHA convention in San Diego!

The AZ Department of Education has provided $5,000 scholarships for speech-language students graduating in May, 2005 and planning careers in the Arizona public school system. These scholarships have been awarded to three outstanding second-year students: Cindy Dana, Amy Humbert, and Kim Senseman. We congratulate them and wish them the best of luck as speech-language pathologists in the Arizona public schools.

The Faculty and Staff of Speech and Hearing Science Department extend their congratulations to all graduate and undergraduate students who will be graduating this December.
Publications

Speech and Language


Hearing


(continued on p. 8)


Presentations

Speech and Language


(continued on p. 9)
Presentations (continued from p. 8)


Hearing


**Attention Alumini**

We want to share your news! Please visit our alumni site and submit any news, professional or personal, that you wish to share with your fellow alums. We will publish it in our next newsletter.

[http://www.asu.edu/clas/shs/alumni.html](http://www.asu.edu/clas/shs/alumni.html)

---

**Presentations** (continued from p. 9)


*Bold denotes an ASU Faculty member  * denotes an ASU Student*