

## FALL 2008 NEWSLETTER

Volume 12

<http://slhs.arizona.edu>Advisory Board  
Members**Jennifer Casteix, MS, CCC-SLP**

Tucson Medical Center

**Barbara Cone-Wesson, PhD**

Professor

Department of Speech, Language,  
and Hearing Sciences

The University of Arizona

**Gaston Gamez, BS**

Department of Development

Disabilities and Desert Survivors

(Children's services)

**Janis Wolfe Gasch, AuD**

Founding Director

Arizona Hearing Specialists, LLC

**Jean Glattke, MA, CCC-SLP**Director of Rehabilitation Services  
and lead for the Orthopedic and

Neurosciences Service Lines

Carondelet St. Joseph's Hospital/  
Carondelet Health Network**Cheryl Leeper, MS, CCC-A**

St. Mary's Hospital

**Sheri Moormann, MS, CCC-SLP**

President, Speak Moor LLC

dba Panacea Therapeutics

**Joy Newman**

Midtown Sertoma

Sertoma, Inc.

Arizona District Governor

**David Peachin, CPA**Retired partner of the  
international

Accounting firm KPMG

**Elena Plante, PhD**

Professor and Head

Department of Speech, Language,  
and Hearing Sciences

The University of Arizona

## Donor Spotlights

## Grant Supports New Cochlear Implant Program

Without support from a grant by the Arizona Community Foundation, R.E.A.C.H. for Sound (Resources for Earlier Access to Cochlear Implant Habilitation), a new and exciting program for children birth to three years and their caregivers, would not be possible. Housed in the Grunewald-Blitz Clinic for Communication Disorders in Children, which is the only clinic in southern Arizona that has an academic and research affiliation and is a designated service center for individuals with cochlear implants, families attend at no cost. The program fosters communication skills (speech-language and aural habilitation) through family education (which includes 6 one-hour parent education sessions), 15 Play and Say group

*Two year old, Isabella in GBC Clinic*

sessions, 15 individual treatment sessions, and audiological services, as needed. Graduate students in speech-language pathology and audiology conduct the treatment sessions and train the Parents as Agents of Change while being supervised by master clinical faculty in speech-language pathology.

The continuing Sounds Good program provides therapeutic services to children three to 18 years with cochlear implants and is a private donor supported

scholarship program allowing them to reach their full potential in terms of speech, language, and listening/auditory abilities. The program also provides parents training as "communication coaches" to help their children use newly learned communication skills.

The Anthony B. DeFeo Lecture in  
Speech-Language Pathology

H. Eugene Hoyme, MD, Professor and Chair of the Department of Pediatrics at the Sanford School of Medicine of the University of South Dakota and Chief Medical Officer of Sanford Children's Hospital in Sioux Falls, SD gave the second talk in the 5 year series honoring Dr. Anthony DeFeo.

The annual series, made possible through the generosity of Drs. Jeannette D. Hoit and Thomas J. Hixon, honors Dr. DeFeo's academic rigor and embodies his pervasive creativity, dedication to students, support of evidence-based treatment for clients, and strong advocacy for the blending of basic science with

clinical science and art.

Dr. Hoyme's talk entitled "The Role of Genetic and Malformation Syndromes in Autism Spectrum Disorders", focused on the autism spectrum disorders representing a continuum of conditions, which have in common impaired socialization and communication in association with stereotypic behaviors. Defining an individualized evaluation scheme based on the unique history and clinical features of a given child leads to accurate diagnosis and treatment of the child and counseling of his or her family, he suggests.

The packed DuVal Auditorium at the Arizona



*Pictured are Dr. Hoyme, daughter Laura, an SLP in the Tucson schools, wife Gloria, daughter Elizabeth, an SLP in Colorado, Dr. DeFeo, Dr. Hoit, Dr. Hixon and Nancy DeFeo wife of Dr. Anthony DeFeo.*

Health Sciences Center was treated to a special introduction by a UA graduate. Elizabeth Hoyme, MS '07, introduced us to the amazing man she calls "dad". Elizabeth, youngest of the Hoyme children, flew in from Colorado where she is currently working as a speech-language pathologist in the schools. Their legacy of helping children definitely runs through their family.

## Spotlight on Faculty Member

### Dr. Tom Hixon Retires

by Dr. Brad Story



Thomas Hixon, PhD

On May 18, 2008 Dr. Tom Hixon officially retired from the University of Arizona. Dr. Hixon has had a long and distinguished career as a Scientist, Research Director, and Teacher in our field and in our department, and as an Administrator of this university. On occasion of his retirement I would like to tell you a bit about his contributions.

After graduate school at the University of Iowa, a post doc at Harvard, and a faculty position at the University of Wisconsin, Tom Hixon came to the University of Arizona. That was in 1976. In the time since, he has served the department as a full professor; he has about 100 publications, and has written several books – the most recent of which, a voluminous speech science testbook, was just published with coauthors Jenny Hoit and Gary Weismer. He has also served as the editor of the *Journal of Speech and Hearing Research*, back in the 1970's, and again, just a few years ago, after the *Journal* had been renamed the "*Journal of Speech, Language, and Hearing Research*." Dr. Hixon has also been honored numerous times for excellence in teaching.

Tom Hixon has long maintained a national and international prominence for his research on respiratory function during the production of speech. As an example, in 1991 the Acoustical Society of America published a volume of the most significant

scientific articles that had been written with regard to speech production up to that point in time (in other words these were "classics"). Under the category "Respiration" – three articles were included. Two were authored by Tom Hixon and colleagues, and consumed nearly 100 pages of this volume. The results reported in the third article, which was thought to be a classic as well, were later refuted by Dr. Hixon. It is fair to say that he is the world's foremost expert on speech breathing.

His administrative roles at the University of Arizona include serving as the Head of the Department of Speech, Language, and Hearing Sciences, as Dean of the Graduate College (twice), and as Associate Vice President for Research and Graduate Studies.

In addition, he was the director of the National center for Neurogenic Communication Disorders, a very large research, education, and dissemination grant funded by the National Institutes of Health. In fact, he is ranked above the 95th percentile for receipt of NIH funding over the past 25 years.

For his contributions in the field Tom has been awarded Honors of American Speech-Language-Hearing Association (ASHA) and given that same organization's Council of Editor's Award for Publication Contributions to the Association.

On a personal note, and I believe that I speak for hundreds of students, researchers, faculty, and staff, I would like to say thank you for all that you have given to us and we wish you the very best.



### Faculty of the Hour: Dr. Brad Story

Brad Story, Associate Professor of Speech, Language, and Hearing Sciences, was named a Galileo Circle Fellow and Fellow of the Acoustical Society of America.

A Galileo Circle Fellow is one of the highest honors bestowed upon faculty in the College of Science at the University of Arizona. This award, established through the generosity of Galileo Circle members, recognize outstanding accomplishments in academic scholarship.

Dr. Brad Story was elected as a Fellow of the Acoustical Society of America for his notable contributions to the advancement of the knowledge of acoustics of human

sound production. This award recognizes Dr. Story's outstanding contribution to the research literature furthering our understanding of how the mechanics and physiology of the human vocal tract contribute to the sounds of speech and singing. Announcement of his election and presentation of his Fellowship were made at the Paris, France meeting in June 2008. Since its organization in 1929, the Acoustical Society has sought to serve the widespread interests of the community in all branches of acoustics, both theoretical and applied.

Dr. Story's research uses mathematical models of the human vocal tract to study how speech sounds are produced and

perceived. These models allow him to investigate how changes in the shape, size, and movement of both the voice source components and the vocal tract itself contribute to the sounds of speech. He uses data collected with magnetic resonance imaging, x-ray microbeam, aerodynamic and acoustic instruments as the foundation for computer simulation of speech production.



Brad Story, PhD

## Message from the Department Head

The close of this year is also the close of an era for the department. After 27 years of service as clinic director, Dr. Anthony DeFeo will be retiring. Dr. DeFeo developed an extraordinary career that exemplified the translation of science into service. He is widely regarded as an outstanding scholar, clinician, and teacher. He will certainly be remembered by his fellow faculty for his passion for clinical education and his encyclopedic knowledge of the professional literature. Those lucky enough to have had him in a class know his dynamic lecture style and his class projects that demanded engagement of every student in the room. Those of you who worked with him in the clinic will certainly remember his ability to promote critical thinking from emerging clinicians and his ability to think deeply about difficult cases. So many students over the years have stood in awe

of his ability to integrate a vast knowledge base with his intuition about human beings and translate that into clinical practice. And the best thing was to be along for the ride while it was all unfolding in the context of clinical service and clinical education. And we will not soon see another faculty member who can match his flare for alliteration (“Reaching for Wisdom.... Working for Wonders”) and acronyms (C.A.P. Clinician Assistant Program). We would like to assemble more of these gems that you may remember from having him as your colleague or instructor. You can send them to us at [slhs@email.arizona.edu](mailto:slhs@email.arizona.edu) along with any memories or well wishes of your own you would like to share.

On the more serious side, Dr. DeFeo made a lasting impact on the lives of literally hundreds of students who came through the department.

The department wishes to recognize this legacy and allow it to continue into the future by establishing the Anthony B. DeFeo Endowed Scholarship for Clinical Studies in Speech-Language pathology. This scholarship will be available to incoming graduate students interested in clinical science and service. The fund will be set up as an endowment to insure its impact reaches into the future. Our goal is to raise a minimum of \$10,000 to establish the endowment. We ask you, as alumni and friends, to honor him in a way that would be deeply meaningful to him. I personally urge you to be generous, both so we have adequate funds to establish the endowment and to let Tony know how much the work he has loved over the years is appreciated by everyone who benefitted from it.

Please use the envelope provided to send your gift or



*Elena Plante, PhD  
Professor  
Department Head, Speech,  
Language, and Hearing Sciences*

request more information. Or contact:

University of Arizona  
Cathy Fay  
Speech, Language, and  
Hearing Sciences

520-621-1819

Email: [slhs@email.arizona.edu](mailto:slhs@email.arizona.edu)

Thank you for your support of the Anthony B. DeFeo Endowed Scholarship for Clinical Studies in Speech-Language pathology.

## Gayle DeDe joins the faculty of SLHS

Dr. DeDe received her Ph.D. from the Department of Speech, Language, and Hearing Sciences at Boston University. Her research area is language comprehension, and the relationship between language comprehension and general cognitive processes such as working memory. Current research is focused on understanding the mechanisms underlying real time sentence comprehension including the types of conceptual and linguistic information that contribute to sentence processing, how and when those types of information are integrated, and how those processes are affected by aging and aphasia. Dr. DeDe teaches Neurobiology of Communication and Adult Language Disorders

- Traumatic Brain Injury and Dementia.

Dr. DeDe is a recipient of the 2008 Advancing Academic-Research Careers (AARC) Award. The AARC award is a competitive grant funded by the American Speech-Language-Hearing Association. The funds will support preliminary research in the area of sentence procession in people with Aphasia, with the goal of developing a grant proposal that will be submitted to the National Institutes of Health new faculty who are at the beginning of their academic-research careers to remain in higher education.



### WOR(L)D TRAVELS

Communication and Communication Disorders, A clinical Introduction, 2<sup>nd</sup> ed. Elena Plante, Pelagie M. Beeson published in Japanese and Korean.

## Audiology Student Benefits from Sertoma and Cordell Scholarships



My name is Aileen Wong and I am a second year AuD student. Being a college student at the UA has been one of the most enriching endeavors I have ever pursued. As an undergraduate and graduate student, I have been able to engage in research in the areas of psychoacoustics and auditory evoked potentials. I have also been fortunate enough to participate in clinic, providing audiologic services to different populations. Through my various experiences, I have realized that I want to help people to communicate better. The ability for humans to communicate with one another is an essential part of who we are and it has an immense impact on our quality of life and human development. This is what drives me in my graduate education and life goals.

Throughout my college endeavors, I have been very fortunate in receiving the utmost support from many people. Numerous individuals have invested their time in encouraging and challenging me through the learning process. I have also received generous financial support from groups like the Sertoma Club and the Galileo Circle, and generous families like Susan and Thomas Cordell. Without the emotional, intellectual,

and financial support that I have received, it would have been extremely difficult for me to be where I am now. I would like to express my extreme thanks to everyone who has contributed to my education, development, and success.

Having personally benefited from time invested in me by many mentors, and instilled by a spirit of generosity from my parents, I continually feel the desire to give back to other students and my community. I am currently the Mentorship and Advising Program for Students (MAPS) Chair on UA NSSLHA's officer board. Having benefited from so many wonderful experiences as an undergraduate, I wanted other students to share in these life learning opportunities and from this goal founded MAPS. The purpose of this program is to provide students in communication sciences and disorders with educational resources and support through mentorship. It is my ambition in coordinating this program and in my future professional career to ensure that people have the resources that they need to be successful and to have a voice.

-Aileen Wong

For more information please visit [www.uamaps.org](http://www.uamaps.org) or contact Aileen Wong at [aileen@uamaps.org](mailto:aileen@uamaps.org).

## Cassandra's Connection: Davis Family Visit

On June 26, 2008, Melanie, Jack and Ben Davis visited the University of Arizona, Department of Speech, Language, and Hearing Sciences for the first time since 2002.

They came to see the display for Cassandra on the 4th floor of the SLHS building created by Dr. DeFeo and staff. The display features each recipient of the Cassandra Davis Memorial Scholarship and was established to serve as a permanent memorial to her and to the pursuit of academic excellence.

After lunch with Dr. DeFeo, Cheryl Tomoeda, Cass Faux and Cathy Fay the Davis' took a few quiet moments and walked through the halls and rooms where Cassandra had connected with and endeared herself to so many in the department.

Cassandra graduated summa cum laude from the University of Arizona May 2002, with two degrees, a BS in Speech, Language, and Hearing Sciences and a BA in Spanish with an emphasis in linguistics. She was also a member of Phi Beta

Kappa. She was to begin graduate work at SDSU in the bilingual communicative disorders program. Her goal was to help children as a speech-language pathologist.

On Wednesday morning, July 17, 2002, near her home in Jamal, California, Cassandra Davis, precious daughter of Jack and Melanie Davis and sister of Ben, was in a fatal car accident. Cassandra was 21 years old.

At a fundraising dinner, to help establish the endowed scholarship, on October 13, 2002 Dr. DeFeo had these words to say about Cassandra.

"It was during her junior and senior year when we came to recognize that Cassandra Davis, a student of irrepressible energy and drive, had indeed found her calling in Communication Disorders.

She spent 2 semesters in our CAP, Clinician Assistant Program, aiding graduate students as they sought to improve the speech and language skills of children who faced serious communication challenges.

... as Cassandra approached the second half of her senior year, she asked if she could enroll in Clinical Studies, a course that requires the student to not only assist, but in fact, to fully manage a caseload of individuals with speech-language impairment; typically, something we do not expect or even allow seniors to do!

In reply to her request, I began a Clinic Director's drone which went something like this: 'I'm sorry, Cassandra, but we just won't be able to accommodate your request... yada yada yada,' I saw in her eyes the beginning of tears... however, with the disappointment, there was determination in her gaze to not accept a *no*. I paused, and then proceeded to complete my sentence with, 'But there is always an exception to every rule.'

In the ensuing Spring semester, Cassandra began working in the University of Arizona's speech clinic - the only undergraduate student to be assigned clients. Mothers of children she treated were wowed by Cassandra's

creativity and care of their children, making them feel special. Graduate students in the department were even drawn to her, admiring her ease in the clinical arena. Fondness for Cassandra, transcended rank, she connected with Clinical Instructors, as well. All will continue to admire and celebrate her life through the kindness of her family."

To date thirteen students, demonstrating scholastic excellence and a desire to help others, have benefitted from the Cassandra Davis Memorial Scholarship established in her memory by her family and friends.

In January, 2008, Meghan Matthews, was selected to Cassandra's Clinical Connection. This award was established to honor Cassandra Davis' legacy as a clinical prodigy. Undergraduates befitting of this honor must show outstanding potential and preparation for clinic. Ms. Matthews was voted unanimously by the faculty to be the first recipient of this award.

**An investment in knowledge  
always pays the best interest –  
Benjamin Franklin (1706-1790)**



*Sarah Cook*



*Amanda Beneke*



*Aileen Wong*



*Ryan Whitaker*



*Emily Foreman*



*Lesley Rentz*



*Meghan Matthews*



*Amy Lederle*



*Robin Samlan*



*Susan LaGendre*



*Christine Butalla*



*Brian Monson*



*Maya Henry*



*Antonia Vitela*

## Students Benefitting from Scholarships

**Congratulations to all of this years outstanding scholarship recipients. And thank you to all the individuals and groups who make these scholarships possible.**

### **Cassandra Davis Memorial Scholarship**

The Cassandra Davis Memorial Scholarship was established in loving memory of Cassandra Davis, BS '02 who died in a fatal car accident in July of 2002. Cassandra graduated summa cum laude from the University of Arizona with a BS in Speech and Hearing Sciences and a BA in Spanish with an emphasis in linguistics. She was also a member of the Phi Beta Kappa. Her special interest area was bilingual communication disorders.

The 2008 recipients of the Cassandra Davis Memorial Scholarship, each receiving \$2,000 are **Sarah Cook** and **Amanda Beneke**.

### **Susan and Thomas Cordell Scholarships**

Susan and Tom Cordell continue to support UA SLHS graduate students who are interested in providing counseling and (re)habilitative services to individuals with hearing loss. **Aileen Wong, Amanda Beneke, Ryan Whitaker** and **Emily Foreman** each received \$2,500.

### **Midtown Sertoma Club of Tucson Audiology Scholarship**

**Aileen Wong** was the recipient of the 2008 Midtown Sertoma Scholarship. SLHS students enrolled in the Doctor of Audiology Program and have a desire to serve individuals with auditory problems are eligible for this \$1,200 scholarship.

### **Pilot International Foundation – Marie Newton Sepia Memorial Scholarship**

This scholarship is for graduate students preparing for a career helping children with brain-related disorders or brain-related disabilities. This year's recipient of the \$1,000 scholarship is **Lesley Rentz**.

### **P.E.O. Scholar Awards**

Maya Henry, MS '03, PhD candidate was

awarded a \$15,000 P.E.O. Scholar Award. Maya was one of seven UA women to receive the award. The P.E.O. Scholar Award is a merit-based award given to women in the U.S. and Canada who are pursuing a doctoral degree or engaged in post graduate student or research. Maya will use the funds to help support her dissertation research, which examines a disorder called primary progressive aphasia (PPA), the relation between language behavior and regional atrophy in the brain.

### **College of Sciences Galileo Scholars**

**Aileen Wong** - Patron, Cecile Moore, Meghan Matthews – Patron, Mary Goodman, Amy Lederle – Patron, Joan Kaye and Robert Cauthorn

### **Grunewald Scholars**

Robin Samlan, Susan LaGendre

### **Scottish Rite Scholarships**

Amanda Beneke, Christine Butalla

### **Rebecca Rutz Graduate Assistantship**

Aileen Wong

### **NIH Research Supplement to Promote Diversity in Health-Related Research**

In order to promote diversity in the biomedical, behavioral, clinical and social sciences, the National Institutes of Health (NIH) provides additional funding to Principle Investigators who support and mentor individuals who come from groups that are underrepresented in science. In June of 2007, the NIH awarded Dr. Andrew Lotto one such supplement to his NIH R01 Grant, entitled "Formation and Tuning of Complex Auditory Categories." The supplement, worth \$85,000, will be used to support doctoral student **Antonia "Davi" Vitela** over the next three years.

# Graduates 2008

## SPRING 2008 GRADUATES

### DOCTOR OF PHILOSOPHY

*Tammie Spaulding – Dissertation: “Attentional Control in Preschool Children with Specific Language Impairment”*

### DOCTOR OF AUDIOLOGY

*Christopher D. Wahl*

### MASTER OF SCIENCE

*Julie Carey*

*Linsey Curtis*

*Rachel Jean Curzi*

*Riah Joy Ellis*

*Loreen Ann Jones*

*Kristen Marie Kalend*

*Kristin Noel Nelson*

*Erin O'Bryan*

*Jennifer Brooke Parrott*

*Heather JoAnne Rogers*

*Erin Michelle Shannon*

*Lauren Teresa Staniunas*

*Cari Wells*

*Michelle Marie Wilson*

### BACHELOR OF SCIENCE

*Jessica M. Aguilar*

*Christina Jennifer Ausick*

*Elise Marie Benadom*

*Mary Blair*

*Sara Bos*

*Joelene Brabazon*

*Meghan Carey*

*Tarynn Ciechoski*

*Terri Cohen*

*Marianne Cracovaner*

*Krista Dunemn*

*Pearl Martha Edmunds*

*Claire Fischer*

*Keegan Aleen Gallagher*

*Genna Michelle Herson*

*Robin Elysia Honeycutt*

*Marchelle Kavena*

*Kristen Kehler*

*Amanda Kate*

*Megan Kittleson*

*Susan J. LeGendre*

*Stephanie Lewis*

*Annie Liu*

*Bianca Martinez*

*Meghan Elyse Matthews*

*Heather Murray*

*Julie Anne Niecikowski*

*Alexandra Danielle Nutt*

*Cristina Pappas*

*Jennifer Rose Placencia*

*Anne Elizabeth Rouff*

*Criselda Alicia Sanchez*

*Jordan Smith*

*Rebecca Ann Stephenson*

*Karla Denise Tinoco*

*Mary Joyce Ulep*

*Marceline Vance*

*Van Vianen*

*Sara Wallace*

## FALL 2008 GRADUATES

### DOCTOR OF PHILOSOPHY

*Angie Garinis / Summer '08*

*–Dissertation: “Efferent Control of the Human Auditory System”*

### DOCTOR OF AUDIOLOGY

*Gene Ruley*

### MASTER OF SCIENCE

*Ana Dokken*

*Margaret DuFresne*

*Jen Resnick / Summer '08*

*Stefanie Steward / Summer '08*

### BACHELOR OF SCIENCE

*April Armstrong*

*Darby Blaker*

*Christine Bartelt*

*Heather Beall*

*Emily Bosen*

*Brie Brunelle*

*Jody Gibbs*

*Camila Homicki*

*Kathryn Hope*

*Lindsay Huerta*

*Kerry Mack*

*Natasha Masanz*

*Amanda McCraw*

*Elizabeth Mezinko*

*José Pérez*

*Jennifer Placencia*

*Corinne Schumacher*

## DEPARTMENTAL AWARDS 2008

Jean R. Guloien Outstanding Graduate Student: *Kristen M. Kalend*

Outstanding Senior (Spring 2008): *Megan Elyse Matthews*

Excellence in Undergraduate Research : *Megan Kittleson*

UA Science Ambassador: *Cristina Pappas*

Outstanding Graduate Student Service: *Michelle Wilson*

Arizona Speech-Language and Hearing Association Outstanding Student Clinician: *Linsey Elizabeth Curtis*

Staff Outstanding Service Award: *Becky Vance*

Distinguished Alumnus Award: *Carl A. Coelho, MS '76*

## NSSLHA Fall Kick-off

*By Ellen Campbell, 2008 University of Arizona NSSLHA President*

The Arizona Chapter of the National Student Speech-Language and Hearing Association got off to a stellar start with the annual Faculty-Student Fall Picnic. Turnout was over 50 people and, thanks to a grant from the Office of Student Affairs, NSSLHA was able to provide beverages and grill food. Faculty Advisor Tom Muller braved the heat to grill the hot dogs and hamburgers while attendees played bocce and socialized. Traditional games included an egg race and the much-loved water balloon toss.

NSSLHA followed-up the picnic with our Fall kick-off meeting. This year, the meeting was to help at Ben's Bells, a local non-profit that encourages kindness through the creating and distributing of hand-crafted bells made by volunteers. Our turnout was huge, 51 members and our second Faculty Advisor, Gayle Dede, showed up to help make and paint the ceramic beads that decorate each bell.

Our local NSSLHA chapter includes both undergraduate and graduate students who are interested in the field of Speech, Language, and Hearing Sciences. The club provides opportunities for students to get involved in the field of Speech, Language, and Hearing Sciences through educational forums, fundraising, social events, and mentoring. Feel free to peruse our website at [www.UOFANSSLHA.org](http://www.UOFANSSLHA.org).

## Department celebrates donors and scholarship recipients

Department of Speech, Language, and Hearing Sciences staff and faculty greeted alumni, donors and student scholars on Sunday, November 9, 2008, as they arrived at the Grunewald-Blitz Clinic for the first Donor and Scholar Reception. The reception, hosted by the Department Advisory Board, was an opportunity for the department to honor our donors. It also allowed donors and scholarship recipients to come together and meet. We are continually grateful to our donors for their generosity. Donations to the department come in a variety of ways including monetary contributions, planned giving, asset donations, gifts-in-kind and time volunteered.

Guests were treated to refreshments and tours of the clinics and labs by students. NSSLHA president, Ellen Campbell, helped coordinate students who included Christine Shipman, Aileen Wong, Katie Ahlers, Emily Foreman, Kati Wint, Laura Nickerson, Katherine Valko, Kelsie Grant, Lena Kyman, Leslie Rentz, Serena Singh, Alexandra Ancharski, Kyle Almyrde, Kerry Winchester, Rachel King, Jayme Smith and Susan Richmond.

To see a complete list of student scholars for the last decade and the department wish/needs list go to [www.slhs.arizona.edu](http://www.slhs.arizona.edu).

## New Scholarships

### Cindy Caughman Corona Memorial Scholarship Endowment

The **Cindy Caughman Corona Memorial Scholarship Endowment** is being established by family, friends and colleagues in her memory. Cindy believed that “it is paramount to have a career that not only brings in an income; but must bring something good to the world.” The scholarship will represent an appropriate and lasting memorial to a gifted young woman who valued her patients and touched the hearts of all who knew her.

Cindy Caughman Corona, August 27, 1974 – July 17, 2005, graduated from The University of Arizona in 1997, with a major in Speech and Hearing Sciences and a minor in Spanish. In 1999, she received her Master of Science in Audiology from the UA.

Cindy worked at a small Catholic hospital in Tucson, Arizona, working primarily with children, and particularly low-income families. In 2001, she had to put aside her work when she was diagnosed with osteosarcoma.

The recipient of the scholarship will be a second-year or third-year University of Arizona, Speech, Language, and Hearing Sciences audiology student who exhibits outstanding scholastic ability and the desire to work with low-income families.

Donations can be made to The University of Arizona, “Cindy Caughman Corona Memorial Scholarship Endowment”.

### Woodling Family Announces Scholarship for AuD Students

Reese and Nancy Woodling have announced the creation of *THE GEORGE V., HOMER E., AND DAVID R. WOODLING/ MIDTOWN SERTOMA CLUB OF TUCSON MEMORIAL SCHOLARSHIP*. The scholarship will provide \$1,000 per year to a second year AuD Student at The University of Arizona Department of Speech, Language and Hearing Sciences. The first award will be for the fall semester of 2009-2010.

Reese Woodling’s father, George, and his uncle, Homer, were deaf by the age of 60 years. Reese’s son, David, was losing his hearing several years before he was killed in October, 2007. The scholarship is in memory of them and Reese Woodling hopes the scholarship will be awarded to a student that will do research into deafness and be involved in future cures for such a terrible affliction.

### Audrey L. Holland Endowed Scholarship

This scholarship was established in SLHS to support the education of UA SLHS graduate students who have research interests in adult language disorders. Candidates must hold a cumulative GPA of 3.5 or better and demonstrate scholastic excellence and research interest in adult language disorders and will be taking classes at the University of Arizona in the upcoming year. **This scholarship is available to incoming students.**

## Friends of SLHS

*We wish to thank the following individuals, corporations, and foundations for their generous support. Every gift is valued. It is important to us to recognize all donors correctly. Please notify us of any discrepancies.*

Dan and Mary Boone  
David L. & Marget Buller  
Joan L. & Steven J. Cass  
Susan & Tom Cordell  
Melanie Davis  
Cass Faux, MS  
Carolyn T. & Paul F. Farinella  
Richard & Janette Slaughter  
Kieve Foundation  
Arizona Community Foundation  
H. Kelley Rollings  
Marilyn Pipes, MS  
Noel Matkin  
Kelly Mollison  
Alaina Levine  
Cheryl Mandelker  
Sandy Hambacher  
Amanda Van Vianen  
Jeannette Hoit & Tom Hixon  
Joseph & Patricia Caughman  
Irene & Timothy Caughman  
Bub & Cheryl Leeper  
Tucson Autism Community  
Donna & William Delucci  
Erin Caughman  
Deborah & Charles Southmayd  
Mickey & Ann Griffin  
Patricia Fiore  
Tom Ford  
Hope Edison  
Joseph & Patricia Reilly  
John & Joyce Donovan  
Sarah & Robert Leinbach  
Pedro Weisleder  
Margaret Zibelin  
Cass Faux  
Pam Adams  
**In Memory of Ruth Faux**

Janet Hawley  
Anthony DeFeo  
Gayle Perona  
Betty McDonald  
Veronica Zimmerman  
Carole Wymer  
Lacy Enneking  
Tom Muller  
Linda Norrix  
**In Memory of Jean Hadd, longtime member of Aphasia Group**  
Virginia E. Unger & Family  
Edward & Audrey Hadd  
Roy H. & Jeanne M. Reher  
Diane P Johnson  
Theodora Foreman  
Mr. & Mrs. Mark Folger  
Donald W. & Mildred V. Hadd  
Mr. Perry Bassett & Family  
Mary R. Hockings  
Mr. and Mrs. Paul Plunkett  
Evelyn Carswell-Bing  
Jonathan & April Fenton  
Beth and Brian Benincasa & Family  
Margaret M. Theisen  
Thomas & Virginia Hadd  
Patti & Mark Boitano  
Murray & Mary Davis  
Bernice & Richard L. George  
V. Richard & Leanne L. Garabedian  
Terri J. Martin  
Arundel Comm. Dev. Serv. Inc.  
Charity Gleeson  
Karol A. Aune  
Laila Miller

#### “How Can I Help?”

**For more information about giving to the Department of Speech, Language, and Hearing Sciences, contact Cathy Fay at (520)621-1819 or [cfay@email.arizona.edu](mailto:cfay@email.arizona.edu)**

### Farinella Family pledges \$4,000 for therapy scholarships

The Carolyn T. and Paul F. Farinella Therapy Scholarship was established in June 2008 by Carolyn and Paul Farinella, parents of Dr. Kimberly A. Farinella, PhD. '07.

The scholarship was established in recognition of the need for funds to support speech-language evaluation and therapy for children in southern Arizona whose families have limited income and no other means of funding speech-language services. This therapy scholarship will benefit children with speech-motor disorders who are receiving services through our Grunewald-Blitz Clinic for Communication Disorders in Children.



*Barbara Cone-Wesson, Ph.D.*

## Training Program Addresses Acute Shortage of Ph.D. Trained Researchers

A National Institute on Deafness and Other Communication Disorders training grant, "Developing Clinical Investigators in Audiology and Speech Language Pathology," was awarded to Dr. Barbara Cone-Wesson, Professor and Dr. Elena

Plante, Professor and Department Head in Speech, Language, and Hearing Sciences.

The motivation for this training program is to address the acute shortage of Ph.D. trained research in audiology and speech-language pathology. Ph.D. trained researchers are necessary to advance the scientific bases of clinical practice and to train future practitioners. The goals of the training program are to 1) attract the most highly qualified students in our graduate clinical training programs to the Ph.D. program and 2) provide these students with the research training needed to pursue a successful research career that supports the clinical aspects of communication disorders.

Thirteen students will be supported for three years as they undertake research training. The training program integrates the Ph.D. level research-focused training with the requirements of the graduate clinical training programs. The program includes a strong emphasis on clinical research methods, mentored laboratory research experiences, grantsmanship, the ethical conduct of research and teaching.

The \$1,278,960 training grant will commence August 1, 2008 and run through July 31, 2013. The training grant faculty consists of Speech, Language, and Hearing Sciences professors, Drs. Julie Barkmeier-Kraemer, Pélagie Beeson, Tom Christensen, Jeannette Hoit, Andrew Lotto, Steven Rapcsak, Brad Story and Dianne Van Tasell. In addition, the Advisory Board for the training program includes Lisa Goffman, Ph.D., Associate Professor, Purdue University, Lynne Werner, Ph.D. Professor, University of Washington, and Fan Gang Zeng, Professor, University of California at Irvine.

### Lotto Awarded NSF R01 Grant

In April 2008, Dr. Andrew Lotto received word that his National Science Foundation R01 Grant would be renewed. Lotto was awarded an additional \$150,000 to be dispersed over the next two years. The project will be a continuation of the original grant, entitled "Learning Complex Auditory Categories." This grant will provide funding for a number of new and ongoing studies that investigate the perception and acquisition of second language speech sound (phonetic) categories.

## SLHS partners with Chapel Haven West to help adults with autism and Asperger

The University of Arizona, Department of Speech Language, and Hearing Sciences (SLHS), partnered with Chapel Haven West, a satellite program of Chapel Haven, Inc., of New Haven, CT, a program that teaches adults with high functioning autism and Asperger to live independent and productive lives.

Graduate students in the Department of Speech, Language, and Hearing Sciences will have an opportunity to provide clinical services to clients and be on the cutting edge of research within this population.

Students and faculty in Speech, Language, and Hearing Sciences (SLHS), and Strategic Alternative Learning Techniques (SALT) joined Chapel Haven West staff in a training program funded by Autism Speaks.

"This is a unique opportunity for our students to receive training in a much needed area. In addition we are very pleased to be able to partner with an organization that will serve the Tucson Community," says Dr. Elena Plante, Head of the Department of Speech, Language, and Hearing Sciences at the University of

Arizona.

The two year Chapel Haven West residential program, will serve 17 men and women, on the high end of the autism spectrum. The specially designed curriculum will include Social Communication, Residential Life Skills, Education, Employment and Recreation programs. The goals of Chapel Haven students vary, ranging from sampling classes and perhaps college matriculation; to vocational goals and the possibility of employment on the university campus or within the community.

The campus atmosphere also provides occasions for socialization, volunteer or paid employment, continuing education classes, mentoring by college students, athletic events, and the atmosphere of a vibrant, active college campus. Lifetime support will be provided for its clients as they transition from Chapel Haven West to independent living in the Greater Tucson area. As Chapel Haven grows, services will be offered to campus and community residents.

For more information go to <http://chapelhaven.org/chapelhavenwest/Home.html>

## 2007 Faculty Publications

- Ballard, K.J., **Maas, E.**, & Robin, D.A. (2007). Treating control of voicing in apraxia of speech with variable practice. *Aphasiology*, 21 (12), 1195-1217.
- Barkmeier-Kraemer, J.M.** (2007). Genetics and Neuroscience Applied to Communication Disorders: Translating Research into Treatment Efficacy. *The ASHA Leader*, September 4 Issue.
- Beeson, P.M. & Holland, A.L.** (2007). Aphasia groups in a university setting. In R. Elman (Ed), *Group treatment of neurogenic communication disorders: The expert clinician's approach, Second Edition*. San Diego, CA: Plural Publishing.
- Bunton, K.**, Duffy, J., Kent, R., Rosenbek, J. & Kent, J. (2007) Listener agreement for auditory-perceptual ratings of dysarthria. *Journal of Speech, Language, and Hearing Research*, 50, 1481-1495
- Carmichel, E.L., **Harris, F.P.**, and **Story, B.H.**, (2007). Effects of binaural electronic hearing protectors on localization and response time to sounds in the horizontal plane, *Noise and Health*, 9(37), 83-95.
- Fisher, J., **Plante, E.**, **Vance, R.**, Gerken, L.A., **Glatke, T.J.** (2007). Do Children and Adults with Language Impairment Recognize Prosodic Cues? *Journal of Speech, Language, Hearing Disorders*, 50, 746-758.
- Freedman, S.E., **Maas, E.**, Caligiuri, M.P., Wulf, G., & Robin, D.A. (2007). Internal vs. external: Oral-motor performance as a function of attentional focus. *Journal of Speech, Language, and Hearing Research*, 50 (1), 131-136.
- Henry, M.L.**, **Beeson, P.M.**, Stark, A.J., & Rapcsak, S.Z. (2007). The role of left perisylvian cortical regions in spelling. *Brain and Language*, 100, 44-52.
- Hoit, J.** (2007). From the Editor (Dialogos). *American Journal of Speech-Language Pathology*, 16, 2.
- Hoit, J.** (2007). From the Editor (Fetching Again). *American Journal of Speech-Language Pathology*, 16, 288.
- Hoit, J.** (2007). From the Editor (On the Level). *American Journal of Speech-Language Pathology*, 16, 190.
- Hoit, J.** (2007). From the Editor (Salami Science). *American Journal of Speech-Language Pathology*, 16, 94.
- Hoit, J.** (January/February, 2007). Can you hear me now? *Advance for Managers of Respiratory Care*, 22-26. [Invited]
- Hoit, J.**, Lansing, R., and Perona, K. (2007). Speaking-related dyspnea in healthy adults. *Journal of Speech, Language, Hearing Research*, 50, 361-374.
- Holland, S.K., Vannest, J., Mecoli, M., Jacola, L.M., Tillema, J.M., Karunanayaka, P.R., V.J., S., Yuan, W.H., **Plante, E.** and Byars, A.W., (2007). Functional MRI of Language Lateralization During Development in Children". *International Journal of Audiology*, 46, 533-551
- Karunanayaka, P.R., Holland, S.K., Schmithorst, V.J., Solodkin, A., Chen, E.E., Szafarski, J.P., **Plante, E.** (2007). Age Related Connectivity Changes in fMRI Data from Children Listening to Stories. *NeuroImage*. 34, 349-60.
- Keintz, C., **Bunton, K.**, & **Hoit, J.** (2007). Influence of visual information on the intelligibility of dysarthric speech. *American Journal of Speech Language Pathology*, 16, 222-234.
- Norrix, L.W.**, **Plante, E.**, **Vance, R.**, & Boliek, C.A. (2007). Auditory-Visual Integration for Speech by Children with and without Specific Language Impairment. *Journal of Speech, Language, & Hearing Research*, 50, 1639-1651.
- Pankratz, M., **Plante, E.**, **Vance, R.**, Insalaco, D. (2007). The Diagnostic and Predictive Validity of The Renfrew Bus Story. *Language, Speech, & Hearing Services in Schools*, 38, 390 - 399
- Pruthi, T., Espy-Wilson, C., and **Story, B. H.**, (2007). Simulation and analysis of nasalized vowels based on magnetic resonance imaging data. *J. Acoust. Soc. Am.*, 121(6), 3858-3873.
- Rapcsak, S.Z., Henry, M.L., Teague, S., Carnahan, S.D., & **Beeson, P.M.** (2007). Do dual-route models accurately predict reading and spelling performance in individuals with acquired alexia and agraphia? *Neuropsychologia*, 45, 2519-2524.
- Sapir, S., Spielman, J., Ramig, L.O., **Story, B.H.**, & Fox, C., (2007). Effects of Intensive Voice Treatment (LSVT) on Vowel Articulation in Dysarthric Individuals with Idiopathic Parkinson Disease: Acoustic and Perceptual Findings. *J. Spch. Lang Hear. Res.*, 50, 899-912.
- Schmithorst, V.J., Holland, S.K. and **Plante, E.**, (2007). Development of effective connectivity for narrative comprehension in children. *NeuroReport*, 18, 1411-5.
- Schmithorst, V.J., Holland, S.K., and **Plante, E.** (2007). Object Identification and Lexical/Semantic Access in Children: A Functional Magnetic Resonance Imaging Study
- Story, B. H.**, (2007). A comparison of vocal tract perturbation patterns based on statistical and acoustic considerations. *J. Acoust. Soc. Am. Exp. Let.*, 122(4), EL107-EL114.
- Story, B. H.**, (2007). Time-dependence of vocal tract modes during production of vowels and vowel sequences. *J. Acoust. Soc. Am.*, 121(6), 3770-3789.



Richard F. Curlee, PhD

### In Memoriam

Richard Frederick Curlee,  
Professor Emeritus, passed away  
January 29, 2008.

During his remarkable career, Dr. Curlee received numerous awards, among them the UA Faculty of Science Distinguished Teaching Award, the Honors of the American Speech-Language-Hearing Associate, and his most prized award the Malcolm Fraser Award from the Stuttering Foundation of America.

He was recognized for his distinguished contributions to the field of communication sciences and disorders, especially in the area of stuttering. Students and colleagues at the UA have long admired his thoughtful precise, and even-handed approach to teaching, writing, and research.

He decided to forgo a career in weather and sports announcing, and instead chose to attain his master's and doctoral degrees at the University of Southern California (USC) under the guidance of Dr. William Perkins, a pioneer in stuttering research, and for this we thank Dr. Perkins.

During his time at the UA, Dr. Curlee served as an Associate Professor, Full Professor, and Interim Head. He also serviced as Associate Dean of the Graduate College. He retired from the University in the spring of 2000 after 25 years of service. He is survived by his wife, Jennie. On Sunday, March 2, 2008, family and friends gathered for a Celebration of the Life for Richard F. Curlee.

## Community Outreach through Research

By Elena Plante, PhD and Becky Vance, MS

Dr. Elena Plante studies receptive language processing in children and adults with developmental language disorder. Since 2002, Dr. Plante has received over \$1.2 million in grant funds from the National Institutes of Health to identify the skills that underlie the ability to understand what others say. Part of this program focuses on language processing in preschool children with specific language impairment (SLI). Children with SLI have normal hearing and normal cognitive abilities, but delayed language development. Since the delay in language development cannot be attributed to a condition such as hearing loss or autism, it is considered "specific" to the domain of language. This research is discovering principles of learning that should make therapy for these children faster and more effective.

The research program also provides a direct service to children in the Tucson community. Dr. Plante's research team, led by speech-language pathologist and UA alumni Becky Vance, visits more than 20 preschools each year and enrolls approximately 150 children in

language processing studies. Children who participate in these studies receive a comprehensive screening of hearing, nonverbal cognitive skills, and speech-language abilities. Research tasks focused on language processing are presented in the form of interactive computer games. Members of the research team work with each child for about 30 minutes on four different days or until the screenings and computer tasks are complete. Children love the one-on-one attention and enjoy earning stickers and prizes for their participation.

When all children at a preschool have finished the study, the research team summarizes the screening results in a report to the parents. If a child has difficulty with any part of the screening, the Project Coordinator, Becky Vance, contacts the parent(s) directly and discusses the results. A list of community resources is included with the report so that parents can contact their child's public school or a private provider to obtain an evaluation and therapy. Often, parents' concerns about their child's communication skills are confirmed, and they are given the information they

need to obtain services for their child.

In 2007, Dr. Plante's research team screened 153 children, 39 of whom had language impairment. Of these 39 children, 23 were enrolled in services and 16 were not. The 16 children who were not enrolled in services were referred for a comprehensive evaluation and therapy. Without the opportunity to participate in research, these children would have entered Kindergarten ill-equipped to handle the demands of the curriculum.



*Amanda Moody, senior in SLHS completes a research activity on computer with young subject*

Through research, Dr. Plante is providing an important service to Tucson families by identifying children in need of speech-language therapy, and providing parents with the support they need to obtain services for their child.

Specific Language Impairment is one of the most common developmental disorders, affecting up to 13 percent of the population. To better understand this disorder, it is important to know the difference between speech and language. "Speech" refers to the ability to produce sounds and use them correctly in words. A child with a speech problem may use age appropriate vocabulary and sentence structure, but be difficult to understand because of pronunciation errors. "Language" refers to the ability to understand others and express thoughts and feelings in words. A child with a language problem may not have adequate vocabulary to fully understand or express ideas. Children with SLI also have difficulty using age appropriate sentence structure and grammar. While the child with SLI may produce sentences that are understandable, they may sound immature because of missing words or grammatical errors. These children are also at high risk for reading disabilities and academic failure as they progress through school.

## 2008 Auditory Cognitive Science Society Meeting

By Sarah Sullivan, Research Specialist,

Department of Speech, Language, and Hearing Sciences

The University of Arizona's department of Speech, Language, and Hearing Sciences hosted the 2<sup>nd</sup> annual Auditory Cognitive Science Society conference. The conference was held on January 11-12<sup>th</sup> in the Manuel Pacheco Integrated Learning Center on the UA campus.

The society was created by Dr. Andrew Lotto, Assistant Professor, Speech, Language, and Hearing Sciences, UA, and Dr. Julie Liss, Associate Professor, Speech and Hearing Science, ASU, in 2007 as a way to bring together researchers in speech, psychoacoustics, auditory neurophysiology, cognitive psychology,

linguistics, and computer science to discuss the cognitive/perceptual processing of complex acoustic signals like speech, music and natural sounds. A multidisciplinary approach such as this is necessary to breach the artificial barriers between peripheral and central mechanisms, between speech sounds and other complex sounds and between theoretical interpretation and practical application.

Discussion topics from this year's conference included Probabilistic Perception and Cue Weighting, Should we Pay Attention to Attention? Relating

Speech Perception to Spoken Language, as well as a Motor Theory debate.

Several SLHS faculty from the UA were invited to speak at the conference. They included Drs. Kate Bunton, Tom Christensen, Andrew Lotto and Brad Story, as well as faculty from 5 other institutions.

The next Auditory Cognitive Science Society will be held January 9-10<sup>th</sup>, 2009 on the UA campus.



*Dr. Andrew Lotto*

## Advances in aphasia treatment

By Kindle Rising, MS

- **What parts of the brain are important for writing and reading?**
- **How can a stroke affect a person's written language abilities?**
- **Can reading and spelling be rehabilitated after a stroke?**

Researchers in the Aphasia Research Project (ARP), led by Associate Professor Pelagie M. Beeson, seek to answer such questions. Many people are aware that a stroke on the left side of the brain can cause problems with spoken language. However, written language (reading and spelling) can also be affected by a left hemisphere stroke, and in some cases it is even the primary deficit.

To date, over 50 individuals with aphasia have participated in research funded by the National Institute on Deafness and Other Communication Disorders to study acquired impairments of written language. All of these volunteers have completed a variety of language tests, and some have undergone MRI brain scans. Thirty individuals have gone on to participate in at least one behavioral treatment protocol developed to improve written language abilities. Every individual's response to treatment helps the ARP get closer to understanding how and why these therapies work, and for whom they are most beneficial.

The ARP continues to seek participants for this research, particularly individuals for whom reading and writing are *more* difficult than speaking after a stroke. Thanks to all of their wonderful volunteers thus far, the researchers in the

Aphasia Research Project are furthering their understanding of brain-language relations and making advances in the field of aphasia treatment.

Who can participate in this research?

- Healthy control participants (ages 40-80)
- Individuals with aphasia due to stroke
- Individuals with reading or spelling problems due to stroke
- Individuals with progressive aphasia (slow onset of language difficulties, not due to stroke)

### ARP wish list:

Franklin Speaking Language Master Electronic Spell Checkers Sound System for use in creating an observation room that will allow family members to better observe testing and therapy sessions

Contact Kindle Rising, Senior Research Specialist, at 520-621-9878 to participate or with any questions or comments about the Aphasia Research Project.



SLHS alumni Esther Kim (M.S. '00, Ph.D. '06) and Kindle Rising (M.S. '00) are researchers in the Aphasia Research Project.

## WOW! Update from Wings on Words

## Early Intervention Programs

By Barbara Kiernan, PhD, Director of Wings on Words

Each year, WOW's preschool and summer day camp programs help children overcome challenges related to communication and offer UA students a unique opportunity to train in a model and inclusive early intervention setting.

This year will truly be a very special one for WOW.

Its **year-round preschool program** will celebrate a *decade of service* to children, their families, and to UA students studying to be speech-language pathologists.

**Angel Charity for Children** has chosen WOW as its primary beneficiary permitting us to build a *new 3563 SF classroom wing* on our current facility at 202 E. Speedway. This will more than double the number of children we can help each year!

And that will free up space in our

current building for *a new clinic!* The Catalina Rotary Club has pledged to make this happen and will install state-of-the-art, computerized AV equipment for treatment monitoring and student training.

And just last month, the Tohono O'dham Nation committed funds for a brand new *Parent-Child Resource Center* that will include a wonderful library and parent/staff training facilities.

**However, these good tidings come with challenges.** When the new children come and the new programs are added, we will also need another clinical instructor, four more teachers, and many new scholarships. In fact, our need for scholarships increases every year. Last summer camp alone, 53% of the children needed financial assistance to attend. And, that's why we need your help!



**For every dollar we spend on early intervention, we save \$17+ on much less remedial services later on.**

### WOW's Wishlist!

**Arizona tax credit donations – up to \$400/family**

**For information on more ways to help please go to**

**[www.clctucson.org](http://www.clctucson.org) or call 520-628-1659**

## The GBC Workshop participants praise:

“Thank you for an informative learning opportunity!”

“I enjoyed the information presented by all the speakers. It’s nice to get ‘recharged’ with the latest and greatest information in the field.”

“It was great to have a presentation on research on language learning, memory and the underpinnings affecting generalization.”

“Cutting edge, engaging speakers. Made us think. Recurring themes across speakers very clever.”

“All of the presenters were informative, skillfully entertaining. Each was a pleasure, and it was wonderful how they were connected, I really enjoy cross department attention to a topic—perfect!”

“Plante presentation was excel-

lent! Also, Dr. Alt’s presentation was extremely helpful.”

“Very worthwhile”

“Excellent panel of presenters. Great venue!”

The 2008 Grunewald-Blitz Workshop entitled “Promoting Learning without Trying” featured four speakers from the UA Department of Psychology and the Department of Speech, Language, and Hearing Sciences. The workshop is sponsored by the Grunewald-Blitz Clinic for Communication Disorders in Children and The University of Arizona Department of Speech, Language, and Hearing Sciences. Held on the UA campus at the Thomas W. Keating Bioresearch Building, BIO5.

Dr. LouAnn Gerken, Department of Psychology

*Separating the Wheat from the Chaff*

Dr. Rebecca Gomez, Department of Psychology

*The Role of General Learning and Memory Process in Language Acquisition*

Dr. Elena Plante

Department of Speech, Language, and Hearing Sciences

*Learning Grammar in the Presence of Language Impairment*

Dr. Mary Alt

Department of Speech, Language, and Hearing Sciences

*Learning Words: Harnessing the Power of Research to Inform Clinical Practice*

The attendees included speech pathologists from local school districts and students of the Department of Speech, Language, and Hearing Sciences.

The workshop, in its ninth year, is part of a larger vision of community leader and humanitarian, Abbey Grunewald. In addition to a state-of-the-art facility where families in southern Arizona could find expert help for children with communication disorders, she also included the development of a program for training students, supporting research, and continuing education through the Grunewald-Blitz Workshop. In 1991, Grunewald endowed the Grunewald-Blitz Clinic for Communication Disorders in Children in the Department of Speech, Language, and Hearing Sciences in memory of her grandson, Nicholas Arthur Blitz, who suffered from cerebral palsy and dysarthria.

All contents © 2008 Arizona Board of Regents.  
All rights reserved.  
The University of Arizona is an EEO / AA - M / W / D / V Employer.

100% post-consumer fiber.  
This newsletter is printed on



ADDRESS SERVICE REQUESTED

NONPROFIT ORG  
US POSTAGE PAID  
TUCSON AZ  
PERMIT NO. 190

The University of Arizona  
Department of Speech, Language, & Hearing Sciences  
PO Box 210071  
Tucson AZ 85721-0071

Speech, Language, & Hearing Sciences

THE UNIVERSITY  
OF ARIZONA