



HEARSAY

THE OFFICIAL NEWSLETTER OF THE GEORGE WASHINGTON UNIVERSITY SPEECH AND HEARING SCIENCE DEPARTMENT

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A note from the Interim Chair Diane Brewer

Greetings! Since **Geralyn Schulz** was tapped in January to serve as Associate Dean for Research & Outreach in the Arts, Humanities and Social Sciences, I have been serving as Interim Chair. As you will see in this issue, we have had a busy year with publications, presentations and staff changes. We are also pleased to have welcomed 28 new students to the program this fall! We have eight new re-entry students, a first year class of 25 and second year class of 24. Our latest big change is the announcement that **James Mahshie** will become chair of the department as of January 1, 2008. Dr. Mahshie has served as the chair of The Hearing, Speech, and Language Sciences Department at Gallaudet University for the past eleven years. We look forward to his arrival at GW! Enjoy the Newsletter and please send us your news for the next issue.

What's happening in the SPHR department

Our partnership with the Alexander Graham Bell Association was one of 7 CCAS partnerships featured at the inauguration of **President Knapp**. **Diane Brewer** fulfills a critical need for speech-language pathologists who can effectively provide auditory learning experiences for children and adults with hearing loss or for those who have had cochlear implantation. **Francys Subiaul**, was awarded a very prestigious National Science Foundation Career Award for his work on The Evolution of Cultural Learning. The award runs for five years (\$440,000) and investigates how human children with and without autism and non-human apes—gorillas and orangutans—learn from others, with the intention of gaining insights into the uniqueness of human cultural learning. **Shelley Brundage** is continuing her research using Virtual Reality to assess and treat fluency disorders. Recently, she was awarded a UFF grant (University Facilitating Fund) worth \$12,000 to continue her research. She has also been very busy writing grants, training students, presenting at conferences, and publishing. **Nelda Richards** continues in her role as undergraduate advisor. **Jeanne Mc Hugh** continues supervision in fluency and NCD. **Irene Jackson** has become certified in ADOS administration with our autism clients. **Michael Bamdad** stays busy as our clinic director and also serves a chair of our admissions committee.

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The department of Speech and Hearing Science knows that no one person is as good as the whole and we continue in our commitment to grow and enrich the program for our students, our clients, our profession, our university, and ourselves.

"Together, we can build the pre-eminence in research that GW aspires and deserves to enjoy." (*President Knapp, Address to the Faculty Assembly, September 10, 2007*).



NEW FACULTY / STAFF

In the Department

Sylvia Campbell

I am pleased to join the faculty and become a part of the team in the Speech and Hearing Sciences Department at George Washington University. I recently returned to the US from the State of Kuwait where I was an Assistant Professor in the newly established Department of Communication Sciences and Disorders in Kuwait University. It was an exciting time both academically and culturally as the University graduated its first class of Kuwaiti speech language specialists. Other academic experience includes an adjunct appointment in the Graduate School of Human Development of the George Washington University, teaching undergraduate and graduate level courses and clinical supervision at the University of Maryland, College Park, a summer session in the People's Republic of China and numerous short courses and continuing education training sessions in both childhood language disorders and behavior management.

Clinically, my interests and experience have focused heavily in diagnosis and management of childhood language disorders. I have worked in hospitals and clinics and served as a member of multidisciplinary diagnostic teams and as a consultant to education programs. Most recently, I ran a private practice in which I served children with severe neurologically based language disorders such as autism, intractable seizure disorders, right hemisphere language disorders and dyslexia. I provided direct therapy services, family and academic counseling and academic support through program development consultations within regular and special education systems. As a private practitioner, I also served as a consultant and support team member in an innovative inclusion project in a large parochial high school. I was part of the team responsible for establishing the program and developing an integrated language based curriculum.

In my "other" life, I am actively involved with a number of social justice organizations. My advocacy work focuses primarily on issues involving peace in the Middle East, justice for migrant farm workers and normalization of relations with Cuba. I am excited about the upcoming year at GWU and look forward to sharing in the learning experience in our department.

Adrienne Hancock

After serving as a Visiting Assistant Professor, she has accepted the position of Assistant Professor. She is currently collaborating with the Biomedical Engineering department at GWU collaborating in a senior project to build working model of human larynx with manipulative parts e.g., adding a vocal nodule and hearing effect on sound wave. She has been collaborating with the National Institutes of Health, Allen Braun conducting neuroimaging analysis of unconstrained language in healthy adults. She is involved with the University of Queensland, Deborah Theodorus studying the effect of concurrent tasks on motor, speech, and voice. She has also recently accepted the position of Chair of Speech-Language Pathology Editorial Review Group for Doody Enterprises.

Michael O'Donnell

Now that I have completed my "rookie season" here at GW, I am very proud of being a team member of our wonderful department! All of my *Sign Language & Deafness* classes this year were full and more students are asking for additional classes. This great turnout and support from the University with continued positive responses have made my job very exciting and highly motivating--I'm thankful for that!

I first became familiar with GW when I was a student of Gallaudet University in early 1980s. Having "heard" that GW is an outstanding, respected university, I came to the campus occasionally to attend some events such as a basketball game with my Deaf friends. Later on, while working for U.S. Congress as a manager of an office that provided accessibility for members, staffers, and visitors with disabilities, I took a course at GW at night and enjoyed it immensely. That was how I developed my desire to be a part of GW's intellectual community. Being hired last year was a dream come true!

I look forward to continuing teaching, as well as helping to expand our course offerings relating to ASL and Deaf Culture. Most of my students had a strong reason for taking my classes this year—for example, those majoring in SPHR, law, or medicine set their goals to have effective communication with their future Deaf and

hard-of-hearing clients or patients. How smart of them! I truly enjoy making a positive difference in everyone's lives; "building bridges" between hearing and Deaf people has always been my life mission. I hope I will be able to help make our department the most special and popular one on the entire campus!

Stacy Shumway

Stacy Shumway recently joined the Speech and Hearing Sciences Department at George Washington University as an adjunct faculty member and is teaching and providing clinical supervision. Dr. Shumway completed her Ph.D. in Communication Sciences and Disorders at Florida State University, and is currently completing a post-doctoral fellowship at the NIH (National Institute of Health). She is an experienced speech-language pathologist with several years of experience working with young children with communication and language delays. Her teaching and research interests include language development and disorders, early intervention, and improving early detection of communication disorders, particularly autism spectrum disorder.

In the Clinic

Cathleen Burgess

It is with honor and delight that I introduce myself to you as a new full time member of the Department of Speech and Hearing Science at GWU. I am excited to supervise the PASL Clinic.

Over the past 30 years, my experiences have led me to undertake many rewarding positions as a Speech and Language Pathologist. After 15 years of providing direct therapy intervention to children and adults in both school and clinic settings, I became the Clinical Director of the Rehab Department for Easter Seals of Maine. In addition to overseeing all aspects of the Rehabilitation Department, I participated in the Easter Seals Functional Outcomes Task Force, acted as a Provider Board Member for the Maine State Child Development Services Program, and represented our profession as a delegate to Australia and New Zealand through the People to People Ambassador Program.

The last six years in private practice have allowed me the opportunity to embrace and expand my interest in Autism. Along with providing direct intervention and consultation to schools and families, I presented numerous courses and workshop on Autism and Social Cognitive Deficits to educators, health care providers and mental health professionals throughout the state. Educating others about the joys and challenges of this wonderful population has led me to my new role in the Autism Clinic here at GWU. I look forward to all the new and exciting opportunities in the months ahead.

Kristen Keller

I am really excited to be working with the students and faculty of the Speech and Hearing Clinic at GWU again! Last summer, I was given a wonderful opportunity as the director of Camp SayIt. I am thrilled that I am returning this year as a supervisor in the literacy clinic.

My speech language pathology journey began at UVA where I received my B.S. in Communication Disorders. Then, I headed north to Boston where I received my M.S. in Communication Disorders from the Massachusetts General Hospital Institute of Health Professions. Upon graduation, I decided to migrate south again and worked for 5 years in an elementary school in the Fairfax County Virginia Public Schools. Currently, I work at a private practice, McLean Speech and Language Services, LLC in McLean, VA, which evaluates and treats children and adolescents with a wide range of disabilities, including: language and articulation disorders, developmental delays, auditory processing disorders, pervasive developmental disorders, voice disorders, stuttering, cleft lip and palate, executive functioning difficulties, dyslexia and other reading/writing disorders. In addition, our practice provides services at The Oakwood School in Annandale, VA for children K-8 with a variety of learning disabilities. Working in a myriad of settings has exposed me to so many wonderful aspects of the field of Speech Language Pathology. My reading training at the MGH Institute of Health Professions and experiences providing reading therapy to children has truly ignited one of my passions as a speech clinician. Thank you for welcoming me and I look forward to this year!

Linda Siegfriedt

I am excited and honored to be a new full time member of the Department of Speech and Hearing Science at GWU. I am going to be supervising the Voice and CEPA (Communication Enhancement for Pediatrics and Adults) Clinics and while I have been involved with the voice clinic for the past 2 semesters, I am looking forward to being involved on a full time basis.

I come to the Washington DC area from Boston, Massachusetts where I had 20 years of experience as a Voice Specialist performing videostroboscopic examinations, voice evaluations and treatment of patients with voice disorders in a variety of settings. These included a large private Otolaryngology practice, voice

centers such as Massachusetts Eye and Ear Infirmary Voice and Speech Laboratory, Boston Medical Center Department of Otolaryngology, and a private voice therapy and professional speaking practice. Academic experience included teaching the Voice Disorders course for the Graduate Programs at Emerson College and Northeastern University, supervising in the Voice Clinic at Boston University, and starting a foreign accent program in the department clinic for BU staff faculty and students.

Recently, I have become interested in the interrelationships between the emotions and the voice, and their significance in the treatment of voice disorders. My study in the role of mindfulness in health care has led to formal training in some alternative approaches including Meditation, Reiki, and Hypnotherapy. I would like to become involved in research looking at the role of consciousness in caring for the voice disordered patient. All experiences have served to enrich my clinical skills and perspective, and I hope prepare me for my new role in the Voice Clinic.

DEPARTMENT HIGHLIGHTS

Audiology and AAC

Linda Jacobs-Condit continues to supervise the first year graduate students who rotate through the Audiology Diagnostic clinic. She also substitutes in supervising the second year students in the Aural Rehabilitation clinic when needed. Data collection is continuing for a study by **Diane Brewer** and **Linda Jacobs-Condit**.

In 2006-2007, Audiologists **Linda Jacobs-Condit** and **Diane Brewer** tested the hearing of 250+ undergraduate students taking Voice and Diction to determine if there was any correlation between the use of personal stereo systems (such as ipod and mp3 players) and hearing abilities. They specifically looked at length of time used, average length of use during a week, and volume levels. While the results indicated that the hearing of all students remained within the normal hearing range, there was evidence of a subtle notch at 4000 Hz. This might be indicative of trauma to the cochlea due to excessive volume. They are hoping to follow these students over their 4-year career at GWU in order to have more definitive results.

A note from our Audiologists...

Are you an MP3 or iPod user?

Did you know that the volume output levels of MP3 or iPods can reach more than 120 dB SPL? This is as loud or maybe even louder than an airplane!!! Did you know that listening to any sounds at levels above 80 dB SPL can be harmful to your hearing? And that the louder the sound, the less time you should be listening to it?

Exposure to loud sounds is the most preventable cause of hearing loss. Unfortunately, this type of hearing loss is permanent and can not be helped as easily by the use of hearing aids!!

What should you do to protect your hearing (q)

- ** Make sure the volume on your MP3 or iPod is no louder than half way.
- ** Buy and use noise cancelling earbuds or headphones, such as Etymotic ER6 earbuds (available online for about \$90), or Shure E2C isolating earbuds (available online for about \$70).
- ** Limit the length of time that you listen to your loud music. This reduces your exposure and can help protect your hearing.
- ** Use ear protection when at loud concerts, bars, etc.
- ** If you have a stuffy feeling in the ears, or they're ringing or buzzing or humming after you turn off the MP3 or IPOD, then we need to see you. We'll test your hearing and give you more specific advice about your specific situation and needs.

If you have any concerns about your hearing please contact the GWU Speech & Hearing Center at 202.994.7360.

Current Student Research

In the voice clinic, under the supervision of **Tish Moody, Carmen Ana Ramos- Pizarro, and Linda Siegfriedt**, three students, **Kelly Owen, Jennifer Mitzner, and Lindsay Lanciault** pioneered a group treatment program to enhance the non-verbal behaviors in transsexual clients. Increased publicity is needed for future continuation of this group. Additionally, the voice clinic has pioneered a transsexual support group in collaboration with the Psychology Department. **Shelley Brundage** continues to work with graduate and undergraduate students in the stuttering research lab. Many thesis students continue to work diligently with Brundage, including: **Kelly McCulloch, Robin Goldberg** and **Kristen Kiselewich**. Dr. Brundage is still teaching Neurologic Communication Disorders, Research Methods, and Fluency Disorders, and helps out with supervision in FLD clinic too.

The Buzz About AUSTRALIA

(or, How to Begin an International SLP Journey)

As you read through this newsletter and talk with faculty and supervisors, you may think you've landed in Oz – and we don't mean the Dorothy kind. Australia seems to be the buzzword for faculty exchange these days. **Cathleen Burgess, Shelley Brundage, Adrienne Hancock, and Geralyn Schulz**, among others, have collaborated with universities in Australia. SPHR alumni, meanwhile, have gone on to CFY and beyond in Ireland, New Zealand, and South Africa!

For those of you eager to step outside the comforts of the Commonwealth countries, take the time to ask **Sylvia Campbell** about her time in Kuwait and China, and about her other, non-SLP international pursuits! The ASHA website also has some information about working abroad as an SLP.

Alumni Updates...

Anne Janik-Willis (MA, 1991) writes, "I work full time in MCPS dealing primarily with multiply handicapped children with diagnoses of mental retardation, autism, language delayed/disordered, ADD, ADHD, learning disabled and physically disabled. I also work part-time for Laura Rubinoff and Associates primarily running social skill groups for students with autism/Asperger's syndrome."

Priya Sazawal Koul (MA, 2001) writes, "after finishing law school in Chicago this year, I moved to Kentucky where I am working part-time in health law and learning my way around with my two year old Kiran."

Liz (Grace) Rumbaugh (MA, 2001) writes, "I am living and working as an acute care speech therapist in York, PA. My husband Chris and I have a beautiful daughter named Nora who was born in May 2008."

Lea Borenstein (MA, 2005) is currently living and working in Santa Cruz, California. Lea has now been hired as the Clinical Coordinator for Speech and Language Services at the Pediatric Therapy Center (<http://ptc-sc.com/>). Cycling, and sunning by the beach, Lea happily enjoys a break from her busy life in New York City.

Laura Dumbrava (MA, 2005) moved to New York after completing her CFY at the VA Medical Center in DC. Laura has since been employed as a swallowing disorders specialist at the NYU Language Medical Center's Swallowing Disorders Center, focusing on the evaluation and treatment of adults and children with dysphagia.

Meghan Betz (MA, 2004) received an M.Ed. in Curriculum and Instruction, Minority and Multicultural Education from GMU in May 2008. She is loving her new job at the Children's Speech Therapy Center in Herndon, where she works with groups The Pumpkin Patch, Preschool Pals, and Socialites.

Pamela Doron Greenblatt, (MA, 2004) is currently the Director of the Speech & Language Department at the Academy In Manayunk located in Philadelphia, PA. The Academy In Manayunk, a private school for students with learning disabilities, opened in June 2006 in conjunction with the Lab School of Washington.

Jaelyn Lisberger, (MA, 2006) for over a year she has been doing center based early intervention, working with preschool-aged children all with a diagnosis of autism. Several of the classrooms are verbal behavior classrooms.

Jennifer Lisberger, (MA, 2007) for a year worked with preschoolers with special needs, providing center-based services. She worked in various classrooms, including an approved private school classroom for children with neurological impairments. Recently I have begun working at an educational facility on a residential campus for individuals with special needs. I work with individuals between the ages of 6 and 21. The classrooms are ABA based.



CLINIC WISHLIST

Our areas of focus at this time are in alternative and improved seating for our clients, shelving to allow clinicians to have materials in the clinic rooms out of reach of clients, a selection of general sensory and therapeutic toys that the clinicians can learn to use with a variety of clients and to target multiple needs. We often have four pediatric sessions in progress at one time; we would like to have some materials available to several clients during the same hour, so these materials have been listed in larger quantity to meet this need. Also, some testing supplies and teaching materials are needed at this time.

SEATING

- Rifton Chair 1 small, 1 medium: \$1600
- Tripp Trapp Chair (two): \$500
- Vinyl Rocking Reader Chair (one): \$85
- Chair Hugger (two): \$65
- Mat Panel (two): \$185
- Laplander (one): \$90
- Stay in Place Therapy Ball (two): \$75
- Dynair Balance Hocker Seat (two): \$70
- Swivel Chair (two): \$140
- Infant to Toddler Swing (one): \$25
- Educube (eight): \$400
- Educube tray (two): \$120
- Feeder Seat w/ sitter wedge--(small, medium, and large one each): \$2300

TEACHING MATERIALS FROM KAY PENTAX

- Phonetic & Perception Simulation Programs: \$149
- Respiration, Phonation & Prosody Simulation: \$149
- Applied Speech Science for Dysarthrias: \$149
- Speech Articulation: Animation of Muscle Vectors: \$99
- Neuroscience for Human Communication—From Intention to Articulation: \$99
- Applied Speech Science for Voice & Resonance Disorders: \$149

SHELVING and TABLES

- Shelf Kit (four): \$420

SENSORY AND THERAPEUTIC TOYS

- Sensa-roll (two): \$40
- Vibrating Snake (three): \$90
- Weighted Vests (sm., med.): \$210
- Tumble Forms Barrel (one): \$320
- Budget for small sensory and therapeutic toys/ tools like shape sorters, balls, stacking/nesting blocks, beanbags: \$800

BOOKS

- Voice and Communication Therapy for the Transgender/Transsexual Client: A Comprehensive Clinical Guide.* Eds. Adler, Hirsch, and Mordaunt
- The Voice and Voice Therapy* (with DVD). Authors Boone, McFarlane, and Von Berg
- Treatment of Voice Disorders.* Author Sataloff.
- Manual of Voice Treatment: Pediatrics Through Geriatrics*, 3rd Edition. Eds. Behrman and Haskell
- 40,000 Selected Words: Organized By Letter, Sound, Syllable.* Author Blockcolsky, Frazer, and Frazer

OTHER

- 7-Range Analog Display Sound Level Meter \$44
- CD For Voice Clinic Relaxation Segment: *Calming the Emotions* or *Music for Calming the Strong Emotions* \$18
- Microphone Stands and microphone clips \$15
- Keyboard and stand
- Vocal Function Exercises: The How-To Series (CD) \$30

RECENT PUBLICATIONS AND PRESENTATIONS

Making strides in research and instruction

Publications:

Brundage, S. (2007). *Virtual reality augmentation for functional assessment and treatment of stuttering*. Topics in Language Disorders, 27, 254-271.

Brundage, S., Hancock, A., Kiselewich, K., Graap, K., Brooks, J., & Ferrer, M. (2007). *PWS and non-PWS self-reports of communication apprehension and confidence when giving speeches to virtual and live audiences*. In J. Au-Yeung and M. Leahy (Eds.). Proceedings of the 5th World Congress on Fluency Disorders: Research, treatment, and self-help in fluency disorders: new horizons (pp.439-445), Dublin: International Fluency Association.

Brundage, S., Hancock, A., Kiselewich, K., & Stallings, L. (2007). *Affective, behavioral and cognitive measures of stuttering during speeches to virtual and live audiences*. Proceedings of the 12th annual CyberTherapy conference: Transforming Healthcare Through Technology. San Diego: Interactive Media Institute, p. 318.

Hancock, A.B., LaPointe, L.L., Stierwalt, J.A.G., Bourgeois, M.S., & R.A. (2007). Stimulus modality and interstimulus intervals as variables in computerized assessment. *Contemporary Issues in Communication Disorders*. **received Editor's Award

Subiaul F, Vonk J, Barth J, Okamoto-Barth S (In Press). Chimpanzees Learn the Reputation of Strangers by Observation. *Animal Cognition*.

Sherwood, C., Subiaul, F., & Zawidszki, T. (In Press). A Natural History of the Human Mind. *Journal of Anatomy*.

Subiaul F (2007). The Imitation Faculty in Monkeys: Evaluating its features, distribution and evolution. *Journal of Anthropological Sciences*, 85: 35-62.

Presentations:

Brundage, S. & Millar, B. (2008). The use of virtual reality to explore the relationship between stuttering and anxiety. Accepted for presentation at Speech Pathology Australia, May 2008.

Brundage, S., Hancock, A., Kiselewich, K., & Stallings, L. (2007). Affective, behavioral, and cognitive measures of stuttering during speeches to virtual and live audiences. Accepted for presentation at Cybertherapy 2007 conference, Washington, DC.

Brundage, S., Hancock, A., Kiselewich, K., & Stallings, L. (2007). Frequency of stuttering during speeches to virtual and live audiences. 12th Annual GWUMC Health Sciences Research Day.

Hancock, A.B. & Bamdad, M. (2007). Real & simulated cafeteria distraction during cognitive-linguistic. ASHA poster.

Hancock, A.B., Brundage, S.B., McNamara, E. & Regnell, J. (2007). Addressing fear of public speaking with voice and diction training. George Washington University Research and Discovery poster.

Hancock, A.B., Brundage, S.B., & Regnell, J. (2007). Addressing fear of public speaking with voice and diction classes. 12th Annual GWUMC Health Sciences Research Day.

Kim, I., Hancock, A., LaPointe, L., Stierwalt, J., Apel, L., & Maitland, G. (2007). Reaction time dilemma in neuromotor disorders: Influence of initiation. ASHA poster.

Kiselewich, K., Brundage, S., & Hancock, A. (2007). Relationships among stuttering, self-rated anxiety, and ratings of speech performance. ASHA presentation.

Stallings, L. Brundage, S., Bienstock, J., & Hancock, A. (2007). Defining clinically significant change in stuttering: how much of a difference is noticeable? ASHA 1-hour seminar.

Stierwalt, J., LaPointe, L., Hancock, A., Apel, L., Maitland, G. (2007). Longitudinal analysis of tongue function: Parkinson disease & multiple sclerosis. ASHA poster.

Subiaul, F (2008). Isolating Cognitive from Motor Imitation: Evidence from Monkeys and Children. International Conferences on Infant Studies (ICIS): Vancouver, Canada.

Subiaul F, Vonk J, Okamoto-Barth S, Barth J (2008). Do Chimpanzees Infer Reputation by Observation? Melbourne: Comparative Cognition Society (CO3). Poster Presentation.

Subiaul F (2007). Mosaic Cognitive Evolution: The case of Imitation. Papers in Honor of Ralph L. Holloway, JR. Bloomington, ID: Stone Age Institute and the Indiana University.

Subiaul, F (2007). Dissociating Cognitive from Motor Imitation: Evidence from Monkeys and Children. Washington D.C.: Georgetown University, Department of Psychology.

Subiaul, F (2007). The Many Faces of Imitation. Washington D.C.: George Washington University, Department of Psychology.

Subiaul F, Vonk J, Okamoto-Barth S, Barth J (2007). Do Chimpanzees Infer Reputation by Observation? Chicago: The Mind of the Chimpanzee Conference. Poster Presentation.

Youmans, G., Youmans, S., & Hancock, A. (2007). A motor learning approach to script training for apraxic adults. ASHA poster.

