

**EAST CAROLINA UNIVERSITY**  
**CURRICULUM VITA FOR ANDREW JAMES VERMIGLIO**

**GENERAL INFORMATION**

**Office Address:** Department of Communication Sciences and Disorders  
College of Allied Health Sciences  
3310 E Allied Health Science, MS 668  
Greenville, NC 27834

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**Alternate E-mail:** vermiglio.av@gmail.com

**EDUCATION**

2007 Central Michigan University, Doctor of Audiology

1995 University of Iowa, Hearing Science coursework

1992 California State University Long Beach, Masters of Arts, Communicative Disorders

1989 California State University Long Beach, Bachelor of Arts, Communicative Disorders

**ACADEMIC APPOINTMENTS**

2013 - present Full-Time, Assistant Professor, Department of Communication Sciences & Disorders, College of Allied Health Sciences, East Carolina University, Greenville, NC

2009 - 2013 Full-Time, Assistant Professor, Department of Communication Disorders & Sciences, College of Health and Human Development, California State University, Northridge, CA

2010 - 2013 Part-Time, Adjunct Professor, Department of Psychology, Touro University, Los Angeles, CA

2008 Adjunct Professor, Department of Communicative Disorders, College of Health and Human Services, California State University, Long Beach, CA

**PROFESSIONAL EXPERIENCE**

2012 Audiology Consultant regarding hearing guidelines for New York City Corrections Officers, MED-TOX Health Services

2012 Audiology Consultant, Olive View UCLA Medical Center, Los Angeles, CA

2009 - 2013 Audiology Research Consultant, House Research Institute, Human Communication Sciences and Devices Laboratory, Los Angeles, CA

2002 - 2009 Senior Research Associate, House Ear Institute, Department of Human Communication Sciences and Devices, Los Angeles, CA

- 1998 - 2002 Advanced Research Associate, House Ear Institute, Department of Human Communication Sciences and Devices, Los Angeles, CA
- 1996 - 1998 Research Associate, House Ear Institute, Department of Human Communication Sciences and Devices, Los Angeles, CA
- 1993 - 1994 Research Associate, Department of Auditory Electrophysiology, House Ear Institute, Los Angeles, CA
- 1993 Clinical Audiologist, Veterans Administration Medical Center, Long Beach, CA
- 1992 - 1993 Clinical Fellow in Audiology, House Ear Institute, Los Angeles, CA
- 1992 Hearing Conservation Technician, Atlantic Richfield Corporation, Carson, CA
- 1990 - 1991 Audiology Trainee, Veterans Administration Medical Center, Long Beach, CA

### **CERTIFICATION/LICENSURE**

- 1993 - present Certificate of Clinical Competence in Audiology- American Speech-Language-Hearing Association. #01121582
- 2014 - present Licensed Audiologist- North Carolina, License #10667
- 1997 - 2013 Licensed Audiologist- California License #AU1503
- 1997 - 2012 Licensed Hearing Aid Dispenser- California, License #HA3712

### **TEACHING ACTIVITY**

#### East Carolina University, Fall 2013- present

Intro to Audiology (3 cr.) Study of the basic battery of audiologic tests including equipment calibration procedures, pure tone and speech audiometry, clinical masking, and the study of school audiometry, central auditory processing disorders

Auditory Physiology (3 cr.) Functional anatomy and physiology of auditory nervous system, from level of inner ear to cerebral cortex Emphasis on describing anatomical and physiological bases for both normal and pathological hearing functions

#### California State University Northridge, Fall 2009- Spring 2013

Audiometry and Hearing Conservation (3cr.) Study of the basic battery of audiologic tests including equipment calibration procedures, pure tone and speech audiometry, clinical masking, and the study of school and industrial identification audiometry and hearing conservation

Research in Communication Disorders (3cr.) (co-taught) Applied research methods and instrumentation in the field of communication disorders, including literature presentation techniques, research design, statistical tests, laboratory

instrumentation and calibration, and report preparation.

Pediatric Audiology (3 cr.) Advanced study of the causation, assessment and management of auditory disorders in infants and children

Interviewing and Counseling in Communication Disorders (3 cr.) (co-taught) Psycho-social dynamics of interviewing and counseling persons with communication disorders and their families. Course content also includes ethical and legal standards of practice in speech-language pathology and audiology

Hearing Science (3 cr.) Study of physics of sound, anatomy and physiology of the ear, and measurement of the perception of sound.

Touro College, Fall 2010- Spring 2013

Audiology (3 cr.) Study of basic battery of audiologic tests, including equipment calibration procedures, pure tone and speech audiometry, clinical masking, and the study of school identification audiometry. Familiarization with basic audiologic equipment, calibration, and test procedures

Hearing Science (3 cr.) Study of physics of sound, anatomy and physiology of the ear, and measurement of the perception of sound

California State University Long Beach, Fall 2008

Audiology (3 cr.) Anatomy, pathology and evaluation of the outer, middle, and inner ear, the central auditory system, and functional hearing loss

**ADMINISTRATIVE ACTIVITY & UNIVERSITY SERVICE**

**East Carolina University**

- |             |   |
|-------------|---|
| 2014        | Representative, PhD Program Fair at the American Academy of Audiology Conference                  |
| 2014        | Representative, Spring Open House, Department of CSDI   |
| 2014        | Member, Honors College Selection Sunday Committee   |
| 2014        | Member, Search Committee for Assistant Professor for Speech-Language Pathology (aphasia) Position |
| 2014        | Member, Search Committee for Speech-Language Pathology Clinical Instructor Position               |
| 2014        | Member, Admissions Committee, Doctor of Audiology Program   |
| 2014        | Member, Undergraduate Committee, Department of CSDI   |
| 2013 - 2014 | Member, Audiology Curriculum Committee  |

**California State University Northridge, Department of Communication Disorders and Sciences**

2011 - 2013 Coordinator, Admissions Committee  
2012 - 2013 Coordinator, Advisement Committee  
2010 - 2012 Member, Advisement Committee  
2010 - 2011 Member, Commencement Committee  
2009 - 2011 Member, Admissions Committee  
2009 - 2012 Comprehensive Exam Committee

**HONORS & AWARDS**

2005 House Ear Institute, Employee of the Year for Scientific Support  
1994 University of Iowa, full scholarship for Ph.D. in Audiology  
1994 University of Washington, full scholarship for Ph.D. in Audiology  
1992 American Academy of Audiology, Student Research Forum Winner

**PROFESSIONAL ACTIVITY & PUBLIC SERVICE**

**A. Memberships**

1992 - present Member, American Speech-Language-Hearing Association  
1992 - present Member, American Academy of Audiology  
2013 - present Member, North Carolina Speech-Language Hearing Association

**B. Professional Committees**

2013 ASHA Convention Planning Committee, Chicago, IL

**C. Journal Reviews**

Reviewer for *Journal of American Academy of Audiology*  
Reviewer for *Horizon Research Publishing, USA*

**D. Grant Reviews**

The Royal National Institute for Deaf People- Action on Hearing Loss, London, United Kingdom

**INVITED PRESENTATIONS**

**Vermiglio, A.J.** (2012). Auditory Processing Disorders Revisited. Research Forum, House Research Institute, Los Angeles, CA.

**Vermiglio, A.J.** (2012). Speech Recognition in Noise Testing and Interpretation. Research Forum, House Research Institute, Los Angeles, CA.

**Vermiglio, A.J.** (2012). Speech Recognition in Noise. Los Angeles Chapter of the Acoustical Society of America, Santa Monica, CA.

**Vermiglio, A.J.** (2011, June). The Meaning of Single-Sided Deafness. American College of Surgeons Sixth International Conference on Acoustic Neuroma, Los Angeles CA. *Keynote Lecture.*

**Vermiglio, A.J.** (2010, September). Auditory System Basics for Percussionists. Percussive Arts Society, Day of Percussion, California State University, Long Beach, CA.

**Vermiglio, A.J.** (2010, September). Hearing Conservation for Piano Technicians. Piano Technicians Guild Meeting, House Ear Institute, Los Angeles, CA.

**Vermiglio, A.J. & Soli, S.D.** (2010, March). Speech Recognition in Noise Ability and the Baha. Speech-Language-Hearing Association of Virginia (SHAV) Annual Conference, Richmond, VA.

**Vermiglio, A.J.** (2009, December). Validation of Speech Recognition in Noise Ability. Virtual Summit at Jackson Conference, audiologyonline. *Webinar lecture.*

**Vermiglio, A.J.** (2009). Quantification of Speech Recognition in Noise Ability and its Impact on Successful Hearing Aid Fittings. Research Forum, House Ear Institute, Los Angeles, CA.

Potthoff, M.J., & **Vermiglio, A.J.** (2009). Hearing Loss Prevention for Musicians. Thornton School of Music, University of Southern California, Los Angeles, CA.

**Vermiglio, A.J.** (2009). Hearing Conservation for Musicians. Mayfair High School music students, Lakewood, CA.

**Vermiglio, A.J.** (2009). Hearing Protection for the Sound Professional. United States Institute for Theater Technology Conference and Stage Expo, Annual Conference, Cincinnati, OH.

**Vermiglio, A.J.** (2008). Hearing Conservation for Percussionists. Percussion forum, California State University, Long Beach, CA.

**Vermiglio, A.J.** (2008). Hearing Conservation for Music Industry Students. University of Southern California, Los Angeles, CA

**Vermiglio, A.J.** (2008). Hearing Conservation for Piano Technicians. 51st Annual Piano Technicians Guild Convention and Technical Institute, Anaheim, CA.

**Vermiglio, A.J.** (2007). Hearing Conservation for Musicians. KoSA International Percussion Workshop, 12th Annual Conference, Johnson, VT.

**Vermiglio, A.J.** (2005). Musicians and Hearing Conservation. KoSA International Percussion Workshop, 10th Annual Conference, Castleton, VT.

Soli, S.D., **Vermiglio, A.J.**, Wen, K., & Abdala, C. (2002). Development of the Hearing in Noise Test in Spanish. Joint Meeting of the Acoustical Society of America and the Acoustical Society of Mexico, Cancun, Mexico.

**Vermiglio, A.J., & Jones, D.** (2001). Musicians and Hearing. University of Southern California School of Music, Los Angeles, CA.

**Vermiglio, A.J., & Soli, S.D. (2000).** Traditional Hearing Conservation and the Hearing in Noise Test. Los Angeles Chapter of the Acoustical Society, Los Angeles, CA.

## RESEARCH PRODUCTIVITY

### A. Refereed Presentations

#### 1. State

**Vermiglio, A.J. (2014, March).** Application of a Medical Definition of the Clinical Entity to (C)APD. North Carolina Speech Hearing and Language Association Annual Convention, Raleigh, NC

Nilsson, M.J., **Vermiglio, A.J., & Jones, D. (1997).** Hearing is Priceless: Lecture on Hearing Conservation presented at Los Angeles Chapter of the Audio Engineers Society. Los Angeles, CA.

#### 2. National

**Vermiglio, A.J. (2014, March).** The Relationship of the Clinical Entity in Medicine to (C)APD and other Disorders. American Academy of Audiology 26th Annual Conference, Orlando, FL.

**Vermiglio, A.J., Krumholz, S., Arman, A., Buchanan, C., DeMuro, C., Frezieres, M., Johnson, S., Balena, T., Gorelik, M., Hovsepian, M., Firouzian, S. Franey, S., Morrow, D., Golian, A., Eaton, S., Harding, A., Chai, B., Foldvary, S., Quezada, R., & Sinclair, J.S. (2013, April).** The Relationship between SCAN-A and Hearing in Noise Test (HINT) Data for Mono- and Bilingual Primary English Speakers. Poster Presented at American Academy of Audiology Conference, Anaheim, CA.

Derebery, J., **Vermiglio, A.J., Berliner, K.I., Potthoff, M., & Holguin, K., (2012, April).** Facing the Music: Pre and Post-concert Assessment of Hearing in Teenagers. Paper presented at the American Otology Society Conference, San Diego, CA.

**Vermiglio, A.J., Seymour, P.J., Foldvery, S., Franey, S. M., Morrow, D., Harding, A., Eaton, S., Golian, A., & Sinclair, J.S., (2011, November).** The Effects of Speech Experience on Speech Recognition Ability in Noise. Poster presented at American Speech-Language and Hearing Association Conference, San Diego, CA.

**Vermiglio, A.J., Harding, A.P., & Sinclair, J. S. (2011, April).** The SCAN-A and Speech Recognition in Noise Ability. Poster presented at American Academy of Audiology 23rd Annual Conference, Chicago, IL.

**Vermiglio, A.J., & Soli, S.D. (2009).** Is there a Relationship between Age, Pure Tone Thresholds and Speech Recognition in Noise Ability? Poster presented at American Academy of Audiology 21st Annual Conference, Dallas, TX.

**Vermiglio, A.J., & Soli, S.D. (2008).** Speech Recognition in Noise. American Academy of Audiology 20th Annual Conference, Charlotte, NC.

Puria, S., **Vermiglio Sr, A. J.**, Fay, J. P., & Soli, S. D. (2008). Hearing restoration: Better Multitalker Speech Understanding. Combined Otolaryngology Spring Meetings (COSM),

**Vermiglio, A.J., & Soli, S.D. (2007).** Relationship of Objective and Subjective Measures of Hearing to OAEs. Poster presented at American Academy of Audiology 19th Annual Conference, Denver, CO.

Chan J.C.Y., **Vermiglio A.J.**, & Soli S.D. (2007). Assessment of a New Power Bone Anchored Hearing Aid (BAHA) Processor. Poster presented at American Academy of Audiology 19th Annual Conference, Denver, CO.

**Vermiglio, A.J., Soli, S.D., & Chan, J.C.Y. (2006).** Current Applications of the Hearing in Noise Test. Lecture presented at American Academy of Audiology 18th Annual Conference, Minneapolis, MN.

**Vermiglio, A.J., & Soli, S.D. (2006).** The Hearing in Noise Test (HINTPro). Lecture presented at American Academy of Audiology 18th Annual Conference, Minneapolis, MN.

**Vermiglio, A.J., & Soli, S.D. (2006).** The Relationship between the Articulation Index and Hearing in Noise Performance. Poster presented at American Academy of Audiology 18th Annual Conference, Minneapolis, MN.

**Vermiglio, A.J., & Soli, S.D. (2005).** The Relationship between a Pure Tone Hearing Loss Classification Scheme and Hearing in Noise Performance. Poster presented at American Academy of Audiology 17th Annual Conference, Washington, DC

Chan, J.C.Y., **Vermiglio, A.J.**, Freed, D.J., Kessler, D., Kruger, T., & Soli, S.D. (2005). Assessment of Binaural Functions in Bilateral CI Users. Poster presented at American Academy of Audiology 17th Annual Conference, Washington, DC

Cox, K.M., **Vermiglio, A.J.**, Niparko, J.K., & Soli, S.D. (2005). The Bone Anchored Hearing Aid (BAHA) Single-Sided Deafness Study. Poster presented at American Academy of Audiology 17th Annual Conference, Washington, DC

Soli, S.D., **Vermiglio, A.J.**, & Larson, V.D. (2005). A System for Assessing the Fit of Hearing Protectors in the Field. Poster presented at National Hearing Conservation Association 30th Annual Conference, Tucson, AZ.

Soli, S.D., Chan, J.C.Y., **Vermiglio, A.J.**, Freed, D.J., & Kessler, D. (2005). Assessment of Spatial Unmasking and Sound Localization in Bilateral Implants using Direct Input. Poster presented at Conference on Implantable Auditory Prostheses. Asilomar, CA.

Soli, S.D., **Vermiglio, A.J.**, Wen, K., Laroche, C., Giguere, C., Iwaki, T., Shiroma, M., & Wong, L. (2002, April). Development of the Hearing In Noise Test (HINT) in New Languages. American Academy of Audiology, Philadelphia, PA.

**Vermiglio, A.J., Soli, S.D., & Freed, D.J. (2001).** The Relationship of Audiometric Thresholds, Hearing-in-Noise Performance (HINT) and Localization Ability (SAINT). Poster presented at American Academy of Audiology Thirteenth Annual Conference, San Diego, CA.

McFarland, W.H., Soli, S.D., & **Vermiglio, A.J. (2001).** Digital versus Analog Hearing Aid Performance in Noise. Poster presented at American Academy of Audiology Thirteenth Annual Conference, San Diego, CA.

Soli, S.D., & **Vermiglio, A.J. (2001).** Pure-Tone Audiometry and the Hearing-In-Noise-Test (HINT). Lecture presented at National Hearing Conservation Association Twenty-sixth Annual Meeting, Raleigh, NC.

Soli, S.D, **Vermiglio, A.J., & Cruz, R.J. (2000).** Clinical Applications of the Hearing-in-Noise Test (HINT). Instructional course presented at American Academy of Audiology Twelfth Annual Conference, Chicago, IL.

**Vermiglio, A.J., Freed, D.J., & Soli, S.D. (2000).** When “Normal” isn’t Normal Part 2: Pure-tone Audiograms, HINT, DPOAE and HHIA Results for Obscure Auditory Dysfunction (OAD) and Control Subjects. Poster presented at American Academy of Audiology Twelfth Annual Conference, Chicago, IL.

**Vermiglio, A.J., Nilsson, M.J., Freed, D.J., Cody, D., & Soli, S.D. (1999).** When “Normal” isn’t Normal: Pure-tone Audiograms, HINT, DPOAE and HHIA Results for Obscure Auditory Dysfunction (OAD) and Control Subjects. Poster presented at American Academy of Audiology Eleventh Annual Conference, Miami, FL.

Soli, S.D., Gao, S., **Vermiglio A.J., & Freed, D.J. (1999).** Prevention of Acoustic Feedback during Hearing Aid Fitting. Instructional course presented at American Academy of Audiology Eleventh Annual Conference, Miami, FL.

Nilsson, M.J., **Vermiglio, A.J., & McCaw, V.M. (1998).** Aided and Unaided Assessment using HINT for Windows. Instructional course presented at American Academy of Audiology Tenth Annual Conference, Los Angeles, CA.

**Vermiglio, A.J., Nilsson, M.J., Soli, S.D., & Freed, D.J. (1998).** Development of a Virtual Test of Sound Localization: The Source Azimuth Identification in Noise Test (SAINT). Poster presented at American Academy of Audiology Tenth Annual Conference, Los Angeles, CA.

Nilsson, M.J., **Vermiglio, A.J., & Soli, S.D. (1998).** A Comparison of Signal Detection, Speech Understanding, and Localization Performance. Poster presented at American Academy of Audiology Tenth Annual Conference, Los Angeles, CA.

**Vermiglio, A.J., Nilsson, M.J., & Soli, S.D. (1997).** Development of the Source Azimuth Identification in Noise Test (SAINT). Poster presented at American Academy of Audiology Ninth Annual Conference, Fort Lauderdale, FL.



Nilsson, M.J., Cody, D.F., **Vermiglio**, A.J., & Soli, S.D. (1997). Using Speech as a Masker with the HINT to Detect Obscure Auditory Dysfunction. Poster presented at American Academy of Audiology Ninth Annual Conference, Fort Lauderdale, FL.

Soli, S.D., Nilsson, M.J., McCaw, V.M., & **Vermiglio**, A.J. (1997). Use of HINT for Windows to Assess Functional Hearing in Noise. Instructional course presented at American Academy of Audiology Ninth Annual Conference, Fort Lauderdale, FL.

Nilsson, M.J., Soli, S.D., & **Vermiglio**, A.J. (1996). Supra-Threshold Directional Hearing with Single Talker Maskers. Poster session presented at Issues in Advanced Hearing Aid Research Conference. Lake Arrowhead, CA.

**Vermiglio**, A.J., Don, M., & Masuda, A. (1995). Stimulus and Response Analysis of Click Polarity Effects on the Derived Bands of the Auditory Brainstem Response. Poster session presented at American Academy of Audiology Seventh Annual Conference, Dallas, TX.

Don, M., **Vermiglio**, A.J., Masuda, A., Ponton, C.W., & Eggermont, J.J. (1995). Variable Effects of Click Polarity on Auditory Brainstem Response (ABR) Latencies: Analysis of Narrow-Band ABRs Suggest Possible Explanations. Poster presented at Association for Research in Otolaryngology Winter Meeting, San Diego, CA.

**Vermiglio**, A.J. (1992). Stimulus Polarity Effects On The Auditory Brainstem Response. Lecture Presented at Student Research Forum, American Academy of Audiology Fourth Annual Conference, Memphis, TN.

### 3. International

Soli, S.D., Slattery, W., Luxford, W., & **Vermiglio**, A.J., (2012, May). Within-subject Comparisons of Speech Perception in Quiet and in Noise for Patients with Single-sided Deafness Fitted with the BP100 and Ponto Osseointegrated Speech Processors. Paper presented at 12th International Conference on Cochlear Implants and Other Implantable Auditory Technologies, Baltimore, MD.

**Vermiglio**, A.J., & Soli, S.D. (2008, August). Is There a Relationship between Pure Tone Thresholds and Speech Recognition in Noise Ability? Poster presented at International Hearing Aid Research Conference (IHCON), Lake Tahoe, CA.

Soli, S. D., Chan, J., & **Vermiglio**, A. (2007, July). Initial evaluation of the power BAHA (Intenso) processor for patients with cochlear hearing loss. First International Symposium on Bone Conduction Hearing and Osseointegration: Halifax, Canada.

**Vermiglio**, A.J., & Soli, S.D. (2006, August). The Relationship between a Pure Tone Hearing Loss Classification Scheme, the Articulation Index and Hearing in Noise Performance. Poster presented at International Hearing Aid Research Conference (IHCON), Lake Tahoe, CA.

**Vermiglio, A.J., & Soli, S.D.** (2004, August). A Measurement of Sound Level Perception When Using the Bone-Anchored Hearing Aid (BAHA) For Trans-Cranial Stimulation of Individuals with Single-Sided Deafness. Poster presented at International Hearing Aid Research Conference (IHCON), Lake Tahoe, CA.

Brackman, D., Soli, S. D., & **Vermiglio, A.** (2002). HEI's Experiences with the BAHA for SSD Patients. Bone-Anchored Applications Research Conference, Sardinia, Italy

Zhao, Y., Yen, K., Soli, S., Gao, S., & **Vermiglio, A.** (2002). Co-Channel Speech Separation for Assistive Listening. Poster presented at International Conference on Acoustics, Speech, and Signal Processing, Orlando, FL.

Zhao, Y., Yen, K. C., Soli, S., Gao, S., & **Vermiglio, A.** (2002). Co-channel speech separation for assistive listening. In Acoustics, Speech, and Signal Processing (ICASSP), IEEE International Conference (Vol. 2, pp. II-1945).

## **B. Presentations**

**Vermiglio, A.J.** (2011, October). Auditory Processing: What Every SLP Should Know. Fall Evening Series, Language, Speech and Hearing Center, Department of Communication Disorders and Sciences, California State University, Northridge, CA.

**Vermiglio, A.J.** (2011, September). Hearing protection for music students. Convocation for the Department of Music, Mike Curb College of Arts, Media and Communication, California State University, Northridge, Northridge, CA.

**Vermiglio, A.J.,** (2011). Hearing Protection for Music Students. Department of Music, California State University, Northridge, CA.

Soli, S.D., **Vermiglio, A.J.,** & McCaw, V.M. (1998). The Hearing-in-Noise Test: a HINT of Things to Come. Presentation for House Ear Clinic audiologists. House Ear Clinic, Los Angeles, CA.

**Vermiglio, A.J., Nilsson, M.J., & Jones, D.** (1998). Hearing Conservation for the Music Industry. University of Southern California, Los Angeles, CA.

## **C. Publications**

**Vermiglio, A.J.** (In press, accepted for publication on January 21, 2014). On the Clinical Entity in Audiology: (Central) Auditory Processing and Speech Recognition in Noise Disorders. Journal of the American Academy of Audiology.

Derebery, J., **Vermiglio, A.J.,** Berliner, K.I., Potthoff, M., & Holguin, K. (2012). Facing the Music: Pre and Post-concert Assessment of Hearing in Teenagers. Journal of Otology and Neurotology, 33, (7), 1136-1141.

**Vermiglio, A.J., Soli, S.D., Freed, D.J., & Fisher, L.M. (2012).** The Relationship between High-Frequency Pure Tone Hearing Loss, Hearing in Noise Test (HINT) Thresholds and the Articulation Index. Journal of the American Academy of Audiology, 23, (10), 779-788.

Aronoff, J.M., Yoon, Y.S., Freed, D.J., **Vermiglio, A.J., & Soli, S.D. (2010).** The Use of Interaural Time and Level Difference Cues by Bilateral Cochlear Implant Patients. Journal of the Acoustical Society of America, 127, (3), EL87.

**Vermiglio, A. (2008).** The American English Hearing in Noise Test. International Journal of Audiology, 47, (6), 386.

Chan, J., Freed, D., **Vermiglio, A., & Soli S. (2008).** Evaluation of Binaural Functions in Bilateral Cochlear Implant Users. International Journal of Audiology, 47, (6), 296-310.

Soli, S., Chan, J., **Vermiglio, A., & Freed D. (2005).** Comparison of Benefit for the T-Mic Auria BTE and Platinum Headpiece Microphones. Auditory Research Bulletin 2005. Valencia, CA: Advanced Bionics, 158-159.

Soli, S., **Vermiglio, A., & Larson, V. (2005).** A System for Assessing the Fit of Hearing Protectors in the Field. Spectrum, 22,(Suppl 1), 25.

Zhao, Y., Yen, K.C., Soli, S., Gao, S., & **Vermiglio, A. (2002).** On Application of Adaptive Decorrelation Filtering to Assistive Listening. Journal of the Acoustical Society of America, 111, (2), 1077.

Soli, S.D., **Vermiglio, A.J., Wen, K., & Abdala Filestari, C. (2002).** Development of the Hearing in Noise Test (HINT) in Spanish. Journal of the Acoustical Society of America, 112, (5), 2384-2384.

Soli, S.D., & **Vermiglio, A. (1999).** Assessment of Functional Hearing Abilities for Hearing Critical Jobs in Law Enforcement. Report for the California Peace Officers Standards and Training Commission.

Don, M., **Vermiglio, A.J., Ponton, C.W., Eggermont, J.J., & Masuda, A. (1996).** Variable Effects of Click Polarity on Auditory Brainstem Response (ABR) Latencies: Analysis of Narrow-band ABRs Suggests Possible Explanations. Journal of the Acoustical Society of America, 100, (1), 458.

## **D. Grant Activity**

### **1. Grants Awarded:**

Spring 2013 Probationary Faculty Support Grant- CSUN Internal Grant  
Amount- \$6,000  
The effect of Background Noise Type on Speech Recognition in Noise Test Results  
Principal Investigator: **Andrew James Vermiglio**

- Spring 2012 Probationary Faculty Support Grant- CSUN Internal Grant  
Amount- \$6,000  
The Effect of Language Experience on Audiological Speech Recognition  
Testing  
Principal Investigator: **Andrew James Vermiglio**
- 2010-2011 Scholarship and Creative Activity Grant- CSUN Competition for Research  
Amount- \$6,000  
Speech Recognition in Noise  
Principal Investigator: **Andrew James Vermiglio**

## **2. Grant Proposals Submitted:**

NIH/NIDCD R03  
Total [requested] Direct costs- \$300,000  
Speech Recognition in Noise Ability: The Influence of First Language and Site of Lesion  
Principal Investigator: **Andrew James Vermiglio**  
**Submission Date: February/24/2012**  
**\*Not accepted, revision in progress**

## **E. Selected Media Interviews and Appearances**

- June 2011 Hearing Preservation, Connecticut Radio Star with John Voket, 99.9 FM.
- May 2011 Hearing Preservation. The Sound with Tina Mieka, 100.3 FM.
- May 2011 Sounds like Teen Spirit. The Wall Street Journal. May 7, 2011.
- May 2011 5 Ways to Save Your Ears. Performer Magazine.
- March 2011 How to Preserve Your Hearing. DJ Times Magazine. March 1, 2011.
- 2010 "The Heart is a Drum Machine". Documentary film.

Prior to 2010 – Multiple interviews including "Good Morning America," Fox News, The Russian Television Network, and many local television and radio shows in Los Angeles

## **MISCELLANEOUS EXPERIENCE**

### **A. Education**

#### **1. Private Music Studies**

- 2000 - 2007 Advanced Drum Technique. Instructor Dave Weckl, Chatsworth, CA.  
2006 - 2007 Jazz Studies. Instructor Jeff Hamilton, Glendale, CA.

## **2. Military Schools**

- 1987 U.S. Army Reserves Advanced Non-commissioned Officers Academy,  
March Air Force Base, CA
- 1977 U.S. Navy, Shipboard Instructors Training School, Naval Amphibious  
Base, Norfolk, VA
- 1974 U.S. Armed Forces School of Music Basic Course, Naval Amphibious  
Base, Norfolk, VA
- 1973 U.S. Navy, Basic Training "Boot Camp" Naval Training Center, San  
Diego, CA

## **B. Teaching Activity**

### Los Angeles Academy of Music Performance 2008-2010

Drum Lessons: Drum Technique, all levels, group lessons

### Cerritos and Bellflower, CA 1973-2009

Private Drum Instruction: Drum lessons, drum technique, all levels

### Cypress High School 1985-1989

Drum Line Instruction: Percussion section instruction, private drum set  
instruction, rudimental and concert style drum instruction

### Naval Amphibious Base, Norfolk, VA 1977-1978

U.S. Armed Forces School of Music: Private and group percussion instruction