

**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2.

Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Christine Yoshinaga-Itano		POSITION TITLE	
eRA COMMONS USER NAME (credential, e.g., agency login)		Full Professor, Principal Investigator	
EDUCATION/TRAINING ( <i>Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.</i> )			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
University of Southern California	B.A.	2/72	Psychology
Northwestern University	M.A.	6/74	Education of the Hearing Impaired
Northwestern University	Ph.D.	8/83	Audiology and Hearing Impairment

A. Position and Honors

**Positions and Employment**

- 1983-1986 Assistant Professor, University of Denver, Department of Speech Pathology and Audiology
- 1986-1993 Assistant Professor, University of Colorado, Boulder, Communication Disorders and Speech Science
- 1993-2001 Associate Professor with tenure, University of Colorado, Boulder
- 2002 - Full Professor with tenure, University of Colorado, Boulder

**Other Experience and Professional Memberships**

- American Academy of Audiology
- American Speech/Language and Hearing Association
- Colorado Academy of Audiology
- Joint Committee on Infant Hearing

**Honors:**

- 2013 American Academy of Audiology, Jerger Career Research Award
- 2010 Council for Exceptional Children, Division of Communicative Disabilities and Deafness, Nashville, TN, April 22, 2010.
- 2010 Robert Ruben Award for Research, Society for Ear Nose and Throat Advances for Children, Cincinnati, OH, December 3, 2010.
- 2010 Marion Downs Ambassador Award
- 2008 Academy of Audiology President’s Special Recognition Award
- 2001 Academy of Audiology, Research Award

C. Selected Peer-reviewed Publications

**Most relevant to the current application**

Yoshinaga-Itano, C., Coulter, D., & Thomson, V. (2000). The Colorado Newborn Hearing Screening Project: Effects on speech and language development for children with hearing loss. In Philbin,

M.K., Graven, S.N., Robertson, A. (Eds.) The influence of auditory experience on the fetus, newborn, and preterm infant: report of the sound study group of the national resource center: The physical and developmental environment of the high risk infant. Journal of Perinatology, 20(8:2), S132-S137.

Yoshinaga-Itano, C. & Sedey, A. (Eds.) Language, Speech and Social-Emotional Development of Deaf and Hard-of-Hearing Children: The Early Years. The Volta Review, 100(5) 1-236.

Mayne, A., Yoshinaga-Itano, C., Sedey, A. & Carey, A. (2000) Expressive vocabulary development of infants and toddlers who are deaf or hard-of-hearing. The Volta Review, 100(5), 1-28.

Mayne, A., Yoshinaga-Itano, C. & Sedey, A.L. (2000) Receptive vocabulary development of infants and toddlers who are deaf or hard of hearing., The Volta Review, 100(5), 29-52.

Obenchain, P., Menn, L. & Yoshinaga-Itano, C. (2000) Can speech development at thirty-six months in children with hearing loss be predicted from information available in the second year of life?, The Volta Review, 100(5), 149-180.

Yoshinaga-Itano, C., Sedey, A., Coulter, D. & Mehl, A. (1998) Language of Early- and Later-Identified Children with Hearing Loss, Pediatrics, 102(5), 1161-1171.

Pipp-Siegel, S., Sedey, A.L., & Yoshinaga-Itano, C. (2001). Predictors of parental stress of mothers of young children with hearing loss. Journal of Deaf Studies and Deaf Education. 7(1), 1-17.

Yoshinaga-Itano, C., Coulter, D., & Thomson, V. (2001). Developmental outcomes of children born in Colorado hospitals with universal newborn hearing screening programs. Newton, V. (Ed.) Disorders of special populations. Seminars in Neonatology. 6, 521-529

Pipp-Siegel, S., Sedey, A.L., VanLeeuwen, A., Yoshinaga-Itano, C. (2003). Mastery motivation predicts expressive language in children with hearing loss. Journal of Deaf Studies and Deaf Education, 8(2), 133-145.

Yoshinaga-Itano, C., Baca, R. & Sedey, A. (2010). Describing the trajectory of language development in the presence of severe to profound hearing loss: A closer look at children with cochlear implants versus hearing aids. Otology & Neurotology. 31(8), 1268-1274.

#### **Additional recent publications of importance to the field (in chronological order)**

Pipp-Siegel, S., Blair, N., Deas, A., Pressman, L. & Yoshinaga-Itano, C. (2000) Touch and Emotional Availability in hearing and deaf/hard-of-hearing toddlers and their hearing mothers. The Volta Review, 100(5), 279-298

Pressman, L., Pipp-Siegel, S., Yoshinaga-Itano, C., Kubicek, L., Emde, R. (2000), A comparison of the links between emotional availability and language gain in preschool children with and without hearing loss. The Volta Review, 100(5), 251-278.

Wallace, V., Menn, L., & Yoshinaga-Itano, C. (2000) Is babble the gateway to speech for all children?: a longitudinal study of deaf and hard-of-hearing infants., The Volta Review, 100(2), 121-148.

Yoshinaga-Itano, C. & Sedey, A. (2000) Speech development of deaf and hard-of-hearing children in early childhood: Interrelationships with language and hearing , The Volta Review, 100(2), 181-212.

Yoshinaga-Itano, C. (2000) Development of audition and speech: implications for early intervention with deaf and hard-of-hearing infants. The Volta Review, 100(2), 213-236.

Davis, A., Yoshinaga-Itano, C. & Hinds, S. (2001). Universal newborn hearing screening (UNHS): Implications for co-ordinating and developing services for deaf and hearing-impaired children. British Medical Journal. 323, 539-540.

Pipp-Siegel, S., Sedey, A.L., & Yoshinaga-Itano, C. (2001). Predictors of parental stress of mothers of young children with hearing loss. Journal of Deaf Studies and Deaf Education. 7(1), 1-17.

- Eisenberg, L., Widen, J.E., Yoshinaga-Itano, C., Norton, S., Thal, D., Niparko, J., and Vohr, B. (2007). Outcomes of children with mild to severe hearing impairment: Summary Issues and Considerations. Ear and Hearing, Dec. 28 (6): 773-777
- Moeller, M.P., Tomblin, B., Yoshinaga-Itano, C., Connor, C.M., Jerger, S. (2007). Current State of Knowledge: Language and Literacy of Children with Hearing Impairment. Ear and Hearing, Dec ;28 (6):740-753.
- Joint Committee on Infant Hearing. Year 2007 Position Statement: Principles and Guidelines for Early Hearing Detection and Intervention Programs. American Academy of Pediatrics, 120 (4), 890-921. Joint Committee on Infant Hearing authors in alphabetical order: Benedict, B., Brookhouser, P.E., Busa, J., Chappell, J., Epstein, S., Grimes, A., Harrison, J., King, M., Mehl, A., Pippins, L., Roush, J., Savage, D.H., Scoggins, B., Widen, J., Vohr, B., and Yoshinaga-Itano, C.
- Nelson, B., Yoshinaga-Itano, C., Sedey, A. & Rothpletz, A. (2007). Vowel production of 7-12 month old infants with hearing loss. The Volta Review, 107 (2).
- Yoshinaga-Itano, C., Johnson, C., Carpenter, K. and Brown, Arlene (2008). Outcomes of Children with Mild and Unilateral Hearing Loss. Seminars in Hearing. 29(2), 196-211.
- Aragon, M. & Yoshinaga-Itano, C. (2012). What we can learn from LENA: Language ENvironment Analysis of children to support children who are deaf or hard of hearing Seminars in Speech and Language, 33(4), 340-353.
- Goberis, D., Dalpes, M. & Abrisch, A, Baca, R., Yoshinaga-Itano, C.. (2012). The missing link in language development of deaf and hard of hearing children: pragmatic language development. Seminars in Speech and Language, 33(4), 297-304.
- Uhler, K., Heringer, A., Yoshinaga-Itano, C. (2012) Who are the children with auditory neuropathy and what are their longitudinal outcomes. Seminars in Speech and Language, 33(4), 354-366.
- Wiggin, M. Thompson, N., Goberis, D., Gabbard, S. and Yoshinaga-Itano, C. (2012). School to Home Link: Summer Preschool and Parents. Seminars in Speech and Language, 3(4), 290-296.
- Uhler, K., Yoshinaga-Itano, C., Gabbard, S.A., Rothpletz, A., Jenkins, H. (2011). Longitudinal Infant Speech Perception in Young Children with Cochlear Implants. Journal of the American Academy of Audiology, 22: 129-142.
- Yoshinaga-Itano, C., Baca, R. & Sedey, A. (2010). Describing the trajectory of language development in the presence of severe to profound hearing loss: A closer look at children with cochlear implants versus hearing aids. Otology & Neurotology. 31(8), 1268-1274.

## **D. Research Support**

### **Ongoing Research Support**

UCD RTOI 2011-999-01

UCD RTOI 2008-999-01 Christine Yoshinaga-Itano (PI) 10/1/08 – 9/30/11

Association of University Centers on Disabilities in collaboration with the Centers for Disease Control and Prevention, National Center on Birth Defects and Developmental Disabilities  
Developmental Outcome Feasibility Study: Deaf/Hard of Hearing

The major goal of these projects was to assist states in establishing a statewide developmental and language assessment protocol for children with hearing loss ages birth to 3 and to determine the feasibility of establishing a national database of developmental and language outcomes for children who are deaf or hard of hearing. The first project was a feasibility study and the second project was an expansion of the feasibility study.

Role: PI

### **Completed Research Support**

**H324C030074** Christine Yoshinaga-Itano (PI) 1/1/04 – 1/1/08

U.S. Department of Education, Office of Special Education Programs

Developmental Outcomes of Early- and Later-Identified Preschool Children with Hearing Loss

Program Director/Principal Investigator (Yoshinaga-Itano, Christine):

The major goal of this project was to determine the impact of age of identification of hearing loss on speech, language and cognitive outcomes in 4- to 7-year-old children who are deaf or hard of hearing.

**UR3/CCU824219** Yoshinaga-Itano (PI) 2004-2005 Centers for Disease Control and Prevention  
Marion Downs Hearing Center

The major goals of this study were to study the phonological development of children with hearing loss from birth through 70 months, the language development of children with hearing loss from Spanish-speaking homes, the auditory development of infants and toddlers with hearing loss, cortical auditory mapping, the study of a genetic marker for hearing loss, the development of a hearing kiosk for screening of hearing, to study the developmental outcomes of children with hearing loss in 6 western states,

**N01-DC-4-2141** Yoshinaga-Itano (PI) 9/28/94 – 5/31/02 NIH-NIDCD

Speech and Language Development in the Deaf Child of Hearing Parents: Approaches to Intervention

The major goals of this project were to determine the predictors of speech, language and social-emotional developmental outcomes of children who are deaf or hard of hearing.

**1 MCJ-08NHS8-01-0/NHS-96-01** Yoshinaga-Itano (PI) 1996-2000 Maternal & Child Health  
Universal Newborn Hearing Screening

The major goals of this project were to demonstrate the efficacy of universal newborn hearing screening and to assist 19 states in establishing state systems for universal newborn hearing screening.