New Century Scholars Research Grant Recipients

2014

Awarded $10,000 each

Kaitlin Lansford
Assistant Professor
Florida State University
*Use of Crowdsourcing to Assess the Ecological Validity of Perceptual Learning Paradigms in Dysarthria*

Chaleece W. Sandberg
Assistant Professor
Pennsylvania State University
*Graph Theoretical Analysis of Resting State and Task-Based Functional Connectivity in Persons With Aphasia and Age-Matched Neurologically Healthy Adult*

2013

Awarded $10,000 each

Michelle Renee Ciucci
Assistant Professor
University of Wisconsin-Madison
*Time Course and Pathology of Cranial Sensorimotor Deficits in Parkinson Disease*

Kathryn Connaghan
Research Scientist
Northeastern University
*Prosodic Categories in Speakers with Dysarthria Due to Cerebral Palsy*

Jamie Desjardins
Research Assistant Professor
Syracuse University
*The Effect of Hearing Aids on Cognitive Function in Middle-Aged Adults*

Yu-Hsiang Wu
Assistant Professor
University of Iowa
*Psychometric Functions and Adaptive Testing Procedures for the Dual-Task Paradigm*
New support provided by the Wayne and Marilyn Olsen Audiology Research Fund

2012

Awarded $10,000 each

Ling-Yu Guo
Assistant Professor
University at Buffalo
*Acquisition of Tense Markers in English-speaking Children with Cochlear Implants: The Role of Speech Perception and Working Memory*
Benjamin Hornsby
Assistant Professor
Vanderbilt University
Fatigue and Listening: Quantifying the Relationship between Speech Processing and Mental Fatigue

Cara Stepp
Assistant Professor
Boston University
Improving the Reliability of Estimates of Voice Relative Fundamental Frequency

2011

Awarded $10,000 each
Jeffrey J. Berry
Assistant Professor, Marquette University
Speech Adaptation in Dysarthria: Effects of Real Time Articulatory Resynthesis

Peggy Jacobson
Associate Professor, St. John’s University
Comparing Language Screening Procedures for Children from Diverse Language Backgrounds

Raul Rojas
Postdoctoral Research Fellow, The University of Texas at Dallas
Bilingual Language Growth in Structured English Immersion and Transitional Bilingual Education Programs

David Zajac
Associate Professor, The University of North Carolina at Chapel Hill
Effects of Feeding Plates on Oral Motor Coordination of Infants with Unrepaired Cleft Palate

2010

Awarded $10,000
Rita Patel
Assistant Professor, University of Kentucky
Clinical Measurement of Spatiotemporal Disturbance of Fine Motor Movements in Adductor Spasmodic Dysphonia

2009

Awarded $10,000 each
Edwin Maas
Research Associate, University of Arizona
Feedback and Feedforward Control Mechanisms in Apraxia of Speech
Kathleen McNerney
Research Assistant Professor, University of Buffalo
*Learning Effects and the Sensory Organization Test (SOT): Influence of a Unilateral Peripheral Vestibular Impairment*

Diane Ogiela
Postdoctoral Research Fellow, The University of Texas at Dallas
*Syntactic Processing of Agreement Violations by Children with Language Impairment and their Typically Developing Peers: An Event–Related Potentials Study*

Beate Peter
Postdoctoral Research Associate, University of Washington
*Genetic Substrates of Speech Sound Disorder: Testing Three Novel Hypotheses*

Lisa Potts
Research Instructor, Washington University School of Medicine in St. Louis
*Measurement of Speech-Evoked Auditory Brainstem Responses in Hearing-Impaired Adults with Different Forms of Amplification*

McKay Sohlberg
Associate Professor, University of Oregon
*Reading Comprehension Deficits in People with Acquired Brain Injury*

Erin Wilson
Honorary Fellow, University of Wisconsin-Madison
*The Development of Chewing: A Longitudinal Reference Database*

**2008**

**Awarded $10,000 each**

Jungmee Lee
Assistant Professor, University of Arizona
*Correlation Between Cochlear Tuning and Otoacoustic Emissions: Exploring Scientific and Clinical Implications*

Chang Liu
Assistant Professor, University of Texas at Austin
*Auditory Processing: Comparing Phonologically Disordered and Typically Developing Children*

John McCarthy
Assistant Professor, Ohio University
*Improving Auditory Scanning Interfaces in AAC Devices*

Valeriy Shafiro
Assistant Professor, Rush University Medical Center
*Effects of Environmental Sound Training on the Perception of Environmental Sounds and Speech in Cochlear Implant Patients*
2007

Awarded $10,000 each

Jessica A. Barlow
San Diego State University
Typological Variation in Phonetic Inventory Development

Melissa C. Duff
University of Iowa
Effect of an Impaired Somatic Marker System on the Use of Involvement Strategies in Communication Following Bilateral Ventromedial Prefrontal Cortex Damage

Liat Seiger-Gardner
Lehman College, The City University of New York
The Effects of Phonologically Related Distractors on Phonological Processing in Preschool Children

Mahalakshmi Sivasankar
Purdue University
Characterizing Vocal Fold Collagen with Atomic Force Microscopy: Implications for Bioimplants and Bioengineered Vocal Folds

2006

Awarded $10,000 each

Cathy Binger
University of New Mexico
The Effects of a Grammar Intervention Program for Children who Require AAC

Jill E. Preminger
University of Louisville Research Foundation, Inc.
Development and Evaluation of Audiologic Rehabilitation Programming for Significant Others of Individuals with Hearing Loss

Geralyn R. Timler
University of Buffalo
Clinical Markers of Language Impairment (LI) in Young Children with ADHD

Nathan V. Wellham
University of Wisconsin School of Medicine and Public Health
Proteomic Mapping of the Vocal Fold Extracellular Matrix

Krista M. Wilkinson
Emerson College
Interdisciplinary Exploration of Visual-Perceptual Processes in the Design of Aided AAC Symbol Displays
2005

Awarded $10,000 each

Angela Hein Ciccia
Case Western Reserve University
Behavioral and Neural Network Analysis of Social Information Processing in Older Adolescents Following Severe Traumatic Brain Injury

Tracy S. Fitzgerald
University of Maryland, College Park
DPOAE Mechanisms and the Estimation of Hearing Loss

Katherine C. Hustad
University of Wisconsin-Madison
Improving Intelligibility in Speakers with Moderate and Severe Dysarthria through Fundamental Frequency Manipulations

Gloria Soto
San Francisco State University
The Effect of Narrative Intervention on the Stories Told by Children Who Use Augmentative and Alternative Communication Systems

2004

Awarded $10,000 each

Bharti Katbamna
Western Michigan University
Assessing the Role of Connexin 43 Gene in Hearing via RNA Interference

Karla K. McGregor
Northwestern University
Individual Differences in Children's Use of Social Cues to Aid Word Comprehension

2003

Awarded $10,000

Swathi Kiran
University of Texas at Austin
Effect of Semantic Complexity on Treatment of Lexical Access Deficits in Aphasia