

Research *Expo*

March 24, 2016
Gallaudet University



Provost's Welcome



Welcome to Gallaudet University's inaugural Research Expo! This marks the kick-off of an annual one-day event to recognize and share the research and scholarly inquiry being conducted at our University by faculty, staff, and students. The production of knowledge through research and the dissemination of that knowledge are critical functions of any university. Furthermore, engaging with our students in scholarly inquiry and research is critical to our teaching enterprise.

But Gallaudet has an additional responsibility that is central to our mission and mandated in the Education of the Deaf Act. We are charged with developing research priorities focused on the lives of people who are deaf and hard of hearing. Gallaudet's Strategic Plan takes this charge one step further with the goal of establishing Gallaudet as "the epicenter of research, development, and outreach leading to advancements in knowledge and practice for deaf and hard of hearing people and all humanity."

We chose "Reshaping Our Vision" as the theme for our first Expo because it reflects how increasingly diverse our research community is becoming, and it highlights our research priority setting process, which is nearing completion. Our students are also actively reshaping our research vision, as both undergraduate and graduate students ask for more opportunities to be engaged in research and scholarly inquiry.

I hope you will engage fully in the opportunities provided by the Research Expo to learn more about the exciting research being conducted by Gallaudet faculty, staff, and students. I also hope that you will discover potential collaborators, and that you will be inspired to be part of this important work of the University.

Best Wishes,

Dr. Carol J. Erting, Provost
Gallaudet University
Washington, DC.

Elstad Auditorium

- 9:15 - 9:30 a.m. "Faces of Campus Researchers"
- 9:30 - 9:40 a.m. **Welcome**, Roberta "Bobbi" Cordano, President
- 9:40 - 10:00 a.m. **"Research at Gallaudet,"** Dr. Carol J. Erting, Provost
- 10:00 - 11:30 a.m. **Panel Discussion**
Facilitator:
Dr. Marlon Kuntze, Government and Public Affairs
Presenters:
Dr. Terra Edwards, Linguistics
Dr. Karen Garrido Nag, Hearing, Speech, and Language Sciences
Dr. Brian Greenwald, History, and Center on Deaf Life & Documentary Studies
Dr. Clifton Langdon, Brain & Language Laboratory for Neuroimaging
Dr. Carolyn McCaskill, ASL and Deaf Studies
Dr. Brenda Nicodemus, Interpretation, and Translation Research Center
Dr. Laura-Ann Petitto, Brain & Language Laboratory for Neuroimaging, Visual Language and Visual Learning Center
Dr. Paul Sabila, Science, Technology, and Mathematics
Dr. Christian Vogler, Technology Access Program
- 11:30 a.m. - 12:30 p.m. **Student Four-Minute Presentations**

Living and Learning Residence Hall 6 (LLRH6)

- 12:40 - 3:30 p.m. **Poster Session, Lunch Fellowship, and Campus Unit Exhibitions**
- 1:00 - 2:30 p.m. **"Let's Talk -- Communicating with External Funding Program Officers"**
Presenters:
Dr. Mark Leddy, National Science Foundation
Dr. Amy Sussman, U.S. Department of Education, Institute of Education Sciences
Dr. Katja Zelljadt, National Endowment for the Humanities
- 2:30 - 3:00 p.m. **"Responsible Conduct of Research"**
Discussion leaders:
Audrey Foster, Director of the Office of Sponsored Programs
Dr. Gaurav Mathur, Dean of the Graduate School & Continuing Studies
Victoria King, Research Compliance Specialist for the Office of Sponsored Programs and Research Compliance

Presentations

Session A: “Let’s Talk - Communicating with External Funding Program Officers”

Dr. Mark Leddy, National Science Foundation

Dr. Leddy is a program director in the Division of Human Resource Development, Directorate for Education and Human Resources, at the National Science Foundation (NSF). He leads the Alliances for Graduate Education and the Professoriate program and works on the EHR Core Research, CAREER, and INCLUDES programs. He also manages awards made by the former Research in Disabilities Education program and assists with the Science of Learning Centers program. Dr. Leddy represents the director of the NSF on the Executive Committee of the Interagency Committee on Disability Research (ICDR) and currently serves on the ICDR’s Employment and Education Working Group.

Dr. Amy Sussman, U.S. Department of Education, Institute of Education Sciences

Dr. Sussman is a program officer in the National Center for Special Education (NCSER) within the Department of Education’s Institute of Education Sciences. She currently manages the Early Intervention and Early Learning in Special Education topic area. Before managing this portfolio, she served as program officer for a number of other NCSER topic areas, including Cognition and Student Learning in Special Education, Autism Spectrum Disorders, Families of Children with Disabilities, and Research Training in Special Education.

Dr. Katja Zelljadt, National Endowment for the Humanities

Dr. Zelljadt directs the Office of Challenge Grants at the National Endowment for the Humanities. Previously, she was vice president for education at the National Building Museum, associate director of the Stanford Humanities Center, and head of the Getty Research Institute’s Scholars Program. Her career includes work at the Harvard University Art Museums, the Lower East Side Tenement Museum, and the Deutsches Historisches Museum in Berlin, Germany.

Session B: “Responsible Conduct of Research”

Dr. Gaurav Mathur, Graduate School and Continuing Studies, Gallaudet University

Dr. Mathur is dean of Graduate School and Continuing Studies, overseeing five units: The Graduate School, Center for Continuing Studies, Office of Distance Education, Institutional Review Board, and Master’s of Arts in International Development. Before becoming dean, he was an assistant professor in the Department of Linguistics at Gallaudet University. Mathur has been involved in linguistics since majoring in the field as an undergraduate in 1992. His research interests center on the relationship between language modality (visual-manual vs. auditory-vocal) and language structure. He received his A.B. in linguistics from Princeton University and Ph.D. in linguistics from Massachusetts Institute of Technology.

Audrey Foster, Office of Sponsored Programs

Foster is director of the Office of Sponsored Programs. She has a B.S. in public relations from American University and an M.S.A. in Corporate and Community Affairs with an emphasis in Non-Profit Management and Organizational Development from Trinity University. She has worked as a grants administrator at Gallaudet University since 2001. Part of her responsibility is to work with faculty and staff to develop proposals for submission to federal agencies and other entities. In the time she has been a grants administrator, she has secured more than 40 million dollars in federal funding for Gallaudet programs.

Victoria (Vicky) King, Office of Sponsored Programs

King joined the Office of Sponsored Programs at Gallaudet University in 2014 as the research compliance specialist. Previously, she was employed as executive secretary in the Department of Hearing, Speech, & Language Sciences. King earned her master’s in research administration in 2014 from the University of Central Florida and holds a B.A. in linguistics from the University of Maryland - College Park.

Cochlear Implants and Related Neurotechnologies: Japanese Neuroethics

Zachary Abbott, Honors Undergraduate Student, Department of Psychology

The Effects of Left Handed Interpreters on Deaf Consumers

Katherine Ardizzone, Graduate Student, Department of Interpretation

Mental Processes of Trilingual Interpreters in Healthcare Settings

Jesus Candelaria, Graduate Student, Department of Interpretation

An Oral History of Homophobic Bullying in Deaf Schools and Public Schools: The Experiences of Deaf Lesbian and Deaf Gay Persons

Andrew Biskupiak, Undergraduate Student, Honors Program

Educational Interpreters Working With Linguistically Diverse Deaf Students

Shannon Davies, Graduate Student, Department of Interpretation

Deaf Philosophy of Music

Paige Foreman, Honors Undergraduate Student, Department of English, Department of Psychology

Simultaneous Interpretation from Hong Kong Sign Language (HKSL) to Cantonese

Cat H.-M. Fung, Graduate Student, Linguistics, The Chinese University of Hong Kong

"This is the sign for..." Interpreting metalinguistic references in discourse

Mark Halley, Graduate Student, Department of Interpretation

Coping Mechanisms for Mental Health Interpreters

Rebekah Knodel, Graduate Student, Department of Interpretation

Interpreting for Deaf Academics: Perceptions of Credibility

Alix Kraminitz, Graduate Student, Department of Interpretation

How High the Moon: Sensory Difference and Space Research

Maggie Kopp, Undergraduate Student, Department of English

An Analysis of ASL/English Interpreters' English Proficiency

Sarah Lutvak, Graduate Student, Department of Interpretation

Educational Interpreting: Working with Deaf Children Who Have Autism Spectrum

Mary Beth Morgan, Graduate Student, Department of Interpretation

Cognitive function during ASL/English interpreting: Reported effects of aging

Jeni Rodrigues, Graduate Student, Department of Interpretation

American Sign Language and English Bilingual Approach: Schools' Definition

Lynda Schott, Graduate Student, Department of Education

Enhancing Spontaneous Verbalizations in Chronic Aphasia: Transfer Package of Intensive-Language-Action-Therapy

Ma.Concepcion Segismundo, Graduate Student, Department of Hearing, Speech, and Language Sciences

Directors of Artistic Sign Language and Interpreters: A Closer Look at the Collaborative Process

Amanda Welly, Graduate Student, Department of Interpretation

Poster Sessions

The Correlation of Zooplankton and Total Phosphorous

Brandon Call, Undergraduate Student, Department of Science, Technology, and Mathematics

Feasibility of Head Mount Display Technology in Parent-Child Interaction Therapy: A Pilot Study

Colleen Caverly, Graduate Student, Department of Psychology

Linguistic Imperialism and Irish Sign Language

John Bosco Conama, Faculty Member, Visiting Researcher/Lecturer, Department of Deaf Studies

Adding Fuel to the Fire: Anger/Negative Emotional Impact on Cognitive Tasks

Zackary Crawford, Undergraduate Student, Department of Science, Technology, and Mathematics

"Science isn't my thing:" Exploring non-science majors' science identities

Cara Gormally, Faculty Member, Department of Science, Technology, and Mathematics

Amber Marchut, Graduate Student, Department of Education

Preparation and Analysis of Molybdenum Disulfide Nanomaterials

Amelework Habtemichael, Christopher Mbochwa, Undergraduate Students, and Paul Sabila, Faculty Member, Department of Chemistry & Physics and Department of Science, Technology, and Mathematics

Challenges of Sign Language Annotation Using ID Glossing

Heather Hamilton, Graduate Student, Department of Linguistics

Continuous Water Quality Monitoring of the Anacostia River (2013-2014)

Amberlin Hines, Undergraduate Student, Department of Science, Technology, and Mathematics

GU HERstory

Arlene B. Kelly, Faculty Member, Department of Deaf Studies

Improved Management of Atypical Hearing Aid Patients

Melissa Kokx-Ryan, Graduate Student, Ph.D. Hearing, Speech, and Language Sciences

Exfoliation of Bismuth Telluride

Brandt Marceaux¹, Mandy Houghton¹, Undergraduate Students, Tito Huber², Henry D. Snyder¹, and Paul Sabila¹, Faculty Members

¹Department of Science, Technology, and Mathematics, Gallaudet University and ²Department of Chemistry, Howard University

Social Issues Education Among ASL/English Interpreters

Hilary Mayhew, Staff Member/Graduate Student, Public Administration

Growth of Molybdenum Disulfide Films on Silicon Wafers

Christopher Mbochwa, Amelework Habtemichael, Undergraduate Students, and Paul Sabila, Faculty Member, Department of Chemistry & Physics and Department of Science, Technology, and Mathematics

Setting a Pro-Tactile Habitus at Gallaudet

Sarah McMillen, Staff Member/Graduate Student, Department of Deaf Studies

Spectrum of Attitudes Toward the Deaf

Jessica Murgel, Undergraduate Student, Department of Deaf Studies

Using Geographic Information System (ArcGIS) on Lakes in North-Central Minnesota

Jeronimo Ocampos, Undergraduate Student, Department of Science, Technology, and Mathematics

Population Health Research with Deaf/HH Adults in the U.S.

Raylene Paludneviene, Faculty Member, Department of Psychology

Will ASL be Immersed or Submersed?

Tracey Salaway, Faculty Member, Department of Art, Communication, and Theatre

Response of the Anacostia Phytoplankton Community to Different Nutrient Treatments

Caroline Solomon, Faculty Member, Department of Science, Technology, and Mathematics

Extracting a High-Dimensional Single Cell Data through Flow Cytometry Analysis of Eye Immune Cells with Novel Bioinformatics Tools

Brianna Stroud-Williams, Undergraduate Student, Department of Science, Technology, and Mathematics

Transitioning from High School to College: Deaf College Student Perceptions of Preparation

Julie Tibbitt, Graduate Student, Department of Education

Comparing Anthropogenic land use, its impact on Agate Lake and Crow Wing Lake

Giovanna Vazquez, Undergraduate Student, Department of Science, Technology, and Mathematics

Virtual Reality Assessment of Visual Dependence in Patients with Vestibular Dysfunction

Ashley Zaleski-King, Graduate Student, Department of Hearing, Speech, and Language Sciences

The 2016 Gallaudet Research Expo was hosted by the Office of the Provost and organized by the Office of Research Support and International Affairs, Senda Benaissa and Dr. Evan Goodman principal organizers.

Contributors:

Center for Bilingual Teaching and Learning

Center for Continuing Studies

Dean of Graduate School and Continuing Studies

Division of Academic Affairs

Graduate Student Association/Student Body Government

University Communications

