

Michelle L. Gutmann, Ph.D., CCC-SLP

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EDUCATION

- 2009 **Ph.D., University of Arizona, Tucson, AZ.**
Department of Speech & Hearing Sciences
Major: Speech & Hearing Sciences; Minor: Cognition & Neural Systems
Dissertation:
The Effect of Frontal Lobe Function on Proverb Interpretation in Parkinson's Disease
- 1988 **M.S., Emerson College, Boston, MA.** Department of Communication Disorders.
Major: Communicative Disorders.
- 1985 **B.Sc., University of Toronto, Ontario (Canada).** Majors: Linguistics & Psychology

PROFESSIONAL EXPERIENCE

- 04/2018 – present **Clinical Professor, Department of Speech, Language, & Hearing Sciences, Purdue University.**
Clinical Supervision, Teaching, and Research.
M.D. Steer Speech & Language Clinic- in-house adult clients- neurogenic & neurodegenerative communication disorders
Off-campus sites
Monthly Aphasia support group
Purdue Aphasia Boot Camp
Adult AAC Clinic
- 03/2015 – present **Adjunct Associate Professor of Neurology**
Indiana University School of Medicine- West Lafayette
- 01/2015- 03/2018 **Clinical Associate Professor, Department of Speech, Language, & Hearing Sciences, Purdue University.**
Clinical Supervision, Teaching, and Research.
M.D. Steer Speech & Language Clinic- in-house adult clients & Off-campus sites
Monthly Aphasia support group (2017)
Purdue Aphasia Boot Camp (2017)

- 07/2009 – 12/2014 **Clinical Assistant Professor, Department of Hearing & Speech Sciences, Vanderbilt University School of Medicine, Vanderbilt Bill Wilkerson Center**
 Clinical Supervision, Teaching, and Research
 Pi Beta Phi Rehabilitation Institute (PBPRI) – adult outpatients
MDA/ALS Clinic – Speech-Language Pathologist
 Acute Speech Pathology (PRN) – adult inpatients who need AAC
- 2002- 2003 Clinical Coordinator Adult AAC Clinic, West Park Healthcare Centre, Toronto, Ontario.
- 1998 –1999 AAC Lab Supervisor, University of Nebraska- Lincoln
- 1996-1998 Instructor/Speech-Language Pathologist, Hanen Centre, Hanen Early Language Program, Toronto, Ontario.
- 1994-1998 AAC Coordinator/Speech-Language Pathologist in ALS Clinic, Assistive Technology Clinic (ATC)
 Sunnybrook Center for Independent Living, Sunnybrook Hospital, Toronto, Ontario.
- 1991-1994 Speech-Language Pathologist/AAC Consultant, Augmentative Communication Service (ACS), Hugh MacMillan Rehabilitation Centre, Toronto, Ontario.
- 1990-1991 Speech-Language Pathologist, Mobile Adult Augmentative Communication Clinic Project, Ontario March of Dimes, Toronto, Ontario.
- 1988-1990 Speech-Language Pathologist, Peel Board of Education, Mississauga, Ontario.

TEACHING EXPERIENCE

- 2017- present Purdue University, West Lafayette, IN
AAC (SLHS 51900 – 2 credits)
- 2018 Purdue University, West Lafayette, IN
Motor Speech Disorders (SLHS 53800- 2 credits)
- 2015- 2018 Purdue University, West Lafayette, IN
Counseling for Speech Pathologists & Audiologists (SLHS 51800 – 2 credits)
 Co-teach **AAC** (SLHS 51900 – 2 credits- Fall 2015; 2016)
- Multiple Guest lectures in: **549 (Clinical Methods for SLPs)**, 519 (Evidence-Based Practice), 531 (Adult Language Disorders); 579 (Clinical Methods for AuDs)

- 2014 Independent Study in AAC for PhD student, Vanderbilt University, Nashville, TN
- 2013-2014 **AAC Lab (SPH 5839 – 1 credit)**, Vanderbilt University, Nashville, TN
- 2009-2014 **Seminar in AAC (SPH 5335 – 2 credits)**, Vanderbilt University, Nashville, TN
- 2006 Preceptorship, University of Arizona, Tucson, AZ.
Co-Taught: Adult Communication Disorders,
Professional Issues in Speech-Language Pathology & Audiology

CLINICAL SUPERVISION

- 2015 –present **Clinical Supervisor, Purdue University**
Dept. of Speech, Language, & Hearing Sciences
M.D. Steer Speech & Language Clinic – in-house adult clients with neurogenic communication disorders; Adult AAC Clinic
Off-campus sites (e.g., BrainBuilders Memory Group, Rosewalk SNF)
Organized and ran inaugural Purdue Aphasia Boot Camp – Summer 2017
Continued to run Purdue Aphasia Boot Camp & Diagnostic Clinic for Boot Camp - 2018 & 2019
- 2010 –2014 **Clinical Supervisor, Vanderbilt Bill Wilkerson Center**, Vanderbilt University
Medical Center
Master’s SLP students at PBPRI – adult outpatient rehabilitation, monthly MDA/ALS clinic; outpatient AAC clinic
- 2002-2003 Mentor newly graduated clinician, West Park Healthcare Centre, Toronto, Ontario.
- 2000-2001 Clinical Supervisor, Barkley Speech, Language and Hearing Clinic, University of Nebraska – Lincoln

RESEARCH ACTIVITY

Reviewer for the following peer-reviewed journals (2015-present).

Augmentative and Alternative Communication (AAC)

International Journal of Speech-Language Pathology

Journal of Speech, Language, & Hearing Research (JSLHR)

Journal of Communication Disorders

Language, Speech, & Hearing Services in the Schools

Perspectives on AAC (SIG 12)

Ad hoc reviewer for

- SpeechPathology.com courses (three formats -video, audio/podcast, text)
- Abstracts for ASHA Convention abstracts – Topic area: AAC (2017-present)

GRANTS

Gutmann, M.L. & Lee, J. (awarded late 2016; conducted in 2017). Effects of Intensive Aphasia Therapy on Communicative Function and Quality of Life in People with Aphasia (Purdue Aphasia Boot Camp). Indiana University (IU) Arnett Hospital Community Impact Fund. (\$5000.00) Role: PI

Bateman, A.J., & DeVore, M. (2012-2013). *Robust Blink-Based Communication System for Patients in Bed. Phase I NIH-SBIR (R43).* Gutmann, M.L. Role: Consultant on Phase I.

Gutmann, M.L., Pascuzzi, R., Bodkin, C. & Pratt, W. *Robust Blink-Based Communication System for Patients in Bed.* 2014 **Phase II NIH-SBIR (2R44NR013853-02) (awarded Sept. 2014).** Projected Timeline: 2 years. Role: PI for Purdue subcontract.

***** This grant has been subcontracted to Purdue University and IU Neuroscience. Primary for the grant is Barron Associates, Inc.**

Gutmann, M.L. *Speech Augmentation for People with Early-Stage Speech Compromise Secondary to Neurodegenerative Diseases.* (\$800). 2012. Vanderbilt University Medical Center Staff Advisory Council (MCSAC) Small Grant. Role: PI

Rousseau, B. & Gutmann, M.L. *Randomized Controlled Trial of Text-to-Speech Communication versus Standard of Care in Patients on Prescribed Voice Rest* (\$47,000). 2011-2012. Vanderbilt Bill Wilkerson Center Collaborative Grant. Role: Co-PI

Gutmann, M.L. *Low-Technology Communication Options for People with Severe Speech, Language, and Communication Disorders* (\$1000.) 2010. Vanderbilt University Medical Center Staff Advisory Council (MCSAC) Small Grant. Role: PI

PUBLICATIONS

Refereed Publications

Rousseau, B., Gutmann, M. L., Mau, I. T., Francis, D. O., Johnson, J. P., Novaleski, C. K., Vinson, K. N., & Garrett, C. G. (2015). Randomized controlled trial of supplemental augmentative and alternative communication (AAC) versus voice rest alone after phonosurgery. *American Academy of Otolaryngology-Head and Neck Surgery*, 152 (3), 494-500. DOI: 10.1177/0194599814566601

Anderson, K., Boisvert, MK, Doneski-Nicol, J, Gutmann, ML, Hall, NC, Morelock, C, Steele, R. & Cohn, ER, (Fall, 2012), Tele-AAC Resolution. *International Journal of Telerehabilitation*, 4:2, 79-82.

Alt, M. & Gutmann, M.L. (2009). Fast mapping semantic features: Performance of adults with

normal language, history of disorders of spoken and written language, and attention deficit hyperactivity disorder on a word learning task. *Journal of Communication Disorders*, 42 (5), 347-364.

Invited Papers

Gutmann, M.L. (Sept. 2016). Use of Simulation with Standardized Patients (SPs) in AAC Pre-Service Training: Potentiating Practical Learning. *Perspectives in AAC, Vol.1 (part 2)*, 41-47.

Invited Editorship

Hall, N., Jeungling-Sudkamp, J., Gutmann, M.L., & Cohn, E.R. (Eds). *Fundamentals of AAC: A Case-Based Approach to Enhancing Communication* (2022). Plural Publishing Inc.: San Diego, CA.

Hall, N., Jeungling-Sudkamp, J., Gutmann, M.L., & Cohn, E.R. (Eds). *Tele-AAC: Augmentative and Alternative Communication through Telepractice* (2020). Plural Publishing Inc.: San Diego, CA.

Invited Chapters

Gutmann, M.L. (2021). *Augmentative and Alternative Communication*. In Johnson, A.F., & Lof, G. (Eds.) *National Speech-Language Pathology Examination Study Guide (Second Edition)*. TherapyEd: Illinois.

Gutmann, M.L. & Koul, R. (TBD). *Intervention for persons with acquired communication disorders*. In Fuller, D. & Lloyd, L.L. (Eds). *Principles and Practices in Augmentative and Alternative Communication*. Slack, Inc.: New Jersey.

Gutmann, M.L. & Lloyd, L. L. (TBD). *Professional issues in AAC*. In Fuller, D. & Lloyd, L.L. (Eds). *Principles and Practices in Augmentative and Alternative Communication*. Slack, Inc.: New Jersey.

Gutmann, M.L. (2017). *Influence of Cognitive Status on AAC intervention in a case of ALS*. In Branski, R. & Molfenter, S. (Eds.) *Casebook in Speech-Language Pathology*. Thieme Medical Publishers: New York

Gutmann, M.L., McBride, L., & Jacobson, B.H. (2016). *Communication and Swallowing at the End-of-Life*. In Johnson, A.F. & Jacobson, B.H. *Medical speech-language pathology: A practitioner's guide*. 3rd ed. Thieme Medical Publishers: New York

Gutmann, M.L. (2015). *Augmentative and Alternative Communication*. In Johnson, A.F., & Lof, G. (Eds.) *National Speech-Language Pathology Examination Study Guide*. TherapyEd: Illinois.

Hux, K. & Gutmann, M.L. (2003). *Augmentative and Alternative Communication and Assistive Technology: Bridging Cognitive and Communication Gaps for Survivors of TBI*. In K. Hux (Ed.). *Assisting Survivors of Traumatic Brain Injury: The Role of Speech Language Pathologists*. Pro-Ed: Texas.

Creswell, J., Plano Clark, V. & Gutmann, M.L. (2002). *Advanced Mixed Methods Research Design*. In Tashakkori, A. & Teddlie, C. (Eds.). *Handbook of Mixed Methodology*. Sage: California.

Hustad, K. C., Morehouse, T.B., & Gutmann, M.L. (2001). *AAC Strategies for Enhancing the Usefulness of Natural Speech in Children with Severe Intelligibility Challenges*. In J. Reichle, D. Beukelman, & J. Light (Eds.). *Exemplary Practices for Beginning Communicators: Implications for AAC*. Brookes: Maryland.

Mathy, P., Yorkston, K.M., & Gutmann, M.L. (2000). *AAC for Individuals with ALS*. In D.R. Beukelman, K.M. Yorkston, & J. Reichle (Eds.). *Augmentative and Alternative Communication for Adults with Acquired Neurologic Disorders*. Brookes: Maryland.

PRESENTATIONS

Peer-reviewed

Development and Testing of a Blink-based Communication (BLINC) System for People with ALS. Poster presentation at Assistive Technology Industry Association (ATIA), Orlando, FL. (Jan. 2020). Bateman, A., Devore, M., Reed, A., Reilly, Gutmann, M.L., Micheels, A., Guingrich, S., Bodkin, C., Pratt, W., & Pascuzzi, R.

Evolution of a University-Based Aphasia Boot Camp: Lessons Learned and Adjustments Made. Poster presentation at American Speech, Language, and Hearing Association (ASHA), Orlando, FL (November 2019). Gutmann, M.L., Bauman, E.L., & Lee, J.

Tele-AAC as a Consultative Model: Pediatric and Adult Applications. Presented at American Speech, Language, and Hearing Association (ASHA), Boston, MA (November 2018). Cohn, E., Jeungling-Sudkamp, J., Hall, N. & Gutmann, M.L.

AAC Intervention Using Mobile Technology for Adults with Acquired Disorders: Effects on Communication and Quality of Life. Poster presentation at American Speech, Language, and Hearing Association (ASHA), Boston, MA (November 2018). Balasubramanian, Y.*, Gutmann, M. L., & Wendt, O.

Tele-AAC Fundamentals for Clinical Practice – *4 hour Pre-Conference Instructional Course*. *Rehabilitation Engineering Society of North America (RESNA)*, Alexandria, VA. (July 2018). Hall, N., Cohn, E., Gutmann, M., & Jeungling-Sudkamp, J.

Use of Bibliotherapy in Graduate Clinical Education for Speech-Language Pathologists. American Speech, Language, and Hearing Association (ASHA), Philadelphia, PA (2016). Gutmann, M.L. & Subramanian, A.

A Model of Graduate Speech-Language Pathology Education in the Skilled Nursing Facility Environment. American Speech, Language, and Hearing Association (ASHA), Philadelphia, PA. (2016). Mornout, C.J., Gutmann, M.L., & Poole, M.L.

Vocabulary Needs of People with Late-Stage ALS: Synchronous and Asynchronous Data Collection. International Society for Augmentative and Alternative Communication (ISAAC), Toronto, Canada, Gutmann, M. L. August, 2016.

Patient Perceptions of Text-to-Speech Communication during Postoperative Voice Rest. American Speech, Language, and Hearing Association (ASHA). Rousseau, B., Gutmann, M.L., Mau, T., Francis, D.O., Johnson, J.P., Novaleski, C. Vinson, K., & Garrett, C.G. November, 2014.

Randomized Controlled Trial of Text-to-Speech Communication versus Voice Rest Treatment in Patients on Vocal Restrictions. American Speech, Language, and Hearing Association (ASHA). Rousseau, B., Gutmann, M.L., Mau, T., Francis, D.O., Johnson, J.P., Novaleski, C. Vinson, K., & Garrett, C.G. November, 2014.

Voice Rest and Augmentative & Alternative Communication: A Feasibility Study. ASHA, Atlanta, GA. Johnson, J.P., Gutmann, M.L., Friedman, J., Zeller, A., de Riesthal, M., Francis, D.O., Garrett, C.G., Vinson, K., & Rousseau, B. November, 2012.

Mobile Tablets and Augmentative and Alternative Communication (AAC): Assessment Considerations, Gutmann, M.L. & Da Fonte, A.M., Tennessee Association of Assistive Technology (TAAT), Murfreesboro, TN. November, 2012.

Evidence-Based Do's and Don'ts for Using AAC with Children & Adults, Da Fonte, A.M. & Gutmann, M.L. Tennessee Association of Assistive Technology (TAAT), Murfreesboro, TN. November, 2012.

The Effect of Frontal Lobe Function on a Proverb Interpretation Task in Parkinson's disease. Gutmann, M.L. Poster presentation at International Neuropsychological Society (INS), Boston, MA. February, 2011.

Communication Augmentation for Persons with Amyotrophic Lateral Sclerosis (PALS): What the Evidence Tells Us. Gutmann, M.L. Annual Conference of the ASHA SIG Division on AAC (DAAC) Atlanta, GA. February, 2007.

Phonological dyslexia and dysgraphia in Parkinson's disease. Gutmann, M.L., Henry, M., Beeson, P., Sherman, S., & Rapsack, S.Z. Sixth Bi-Annual Arizona Biosciences Leadership Symposium, Phoenix, AZ. June, 2006.

Phonological dyslexia and dysgraphia in Parkinson's disease. Gutmann, M.L., Henry, M., Beeson, P., Sherman, S., & Rapsack, S.Z. Arizona Alzheimer's Disease Research Consortium (AADRC) Annual Conference— Phoenix, AZ. May, 2006.

Phonological dyslexia and dysgraphia in Parkinson's disease. Gutmann, M.L., Henry, M., Beeson, P., Sherman, S., & Rapsack, S.Z. ASHA, San Diego, CA. November, 2005.

Speech supplementation strategies: effects of listener opinions of AAC users. Hustad, K.C. & Gutmann, M.L. International Society of Augmentative and Alternative Communication (ISAAC), Washington, D.C. August, 2000.

The communication continuum in ALS: Client preferences and communicative competence. Gutmann, M.L. ASHA, San Francisco, CA. November, 1999.

The communication continuum in ALS: Client preferences and critical paths. Gutmann, M.L. & Gryfe, P. ISAAC, Vancouver, B.C. August, 1996.

Spheres of Influence: A first look at left hemispherectomy, language acquisition, and AAC. Gutmann, M.L. ISAAC, Maastricht, Netherlands. October, 1994.

The Matter of Metalinguistics: AAC as a metalinguistic medium. Gutmann, M.L. Mackay Centre Language Conference, Montreal, Quebec. March, 1992.

PRESENTATIONS

Invited

Malandraki, G., Bauer-Malandraki, J., Gutmann, M., Huber, J., Hubertz, J., & Wetzel, D. (Dec. 2020). Telehealth in Adult Populations during and beyond COVID-19: the Purdue SLHS Perspective.

Voice and Message Banking Options for People with Neurodegenerative Diseases. Crossroads Communication Disorders Conference, West Lafayette, IN, October, 2016.

Voice and Message Banking Options for People with ALS. Indiana AAC Summit, Martinsville, IN, September, 2016.

Caring for the Person with ALS: Strategies for Speech, Swallowing, and Communication. Amyotrophic Lateral Sclerosis Association (ALSA), Lafayette, IN Support Group, May, 2015.

Frenemies & Family: Mobile Tablets as AAC Options for Adults with Acquired Communication Disorders. Tennessee Association of Audiologists and Speech-Language Pathologists (TAASLP), Murfreesboro, TN, October, 2014.

Mobile Tablets & Apps in the Assessment & Treatment of Aphasia. Nashville Aphasiology Group (NAG), Vanderbilt University Medical Center, Gutmann, M.L. & de Riesthal, M.R., January, 2014.

Engineering the Environment for Communicative Success. Vanderbilt Fifth Annual AAC Workshop, Nashville, TN. Da Fonte, A. M. & Gutmann, M.L., February, 2014.

AAC Clinical Pathways for Assessment & Intervention in Neurodegenerative Disease. TAASLP, Knoxville, TN., October, 2013.

Caring for the Person with ALS – Speech, Swallowing Communication and Mobility. Alive Hospice, Nashville, TN. Gutmann, M.L. & Powers, P.J. March, 2012.

AAC & ALS. SLP Case Conference Class, Vanderbilt University School of Medicine, Nashville, TN., May, 2012.

Evidence-Based Practice in AAC: How It Plays Out in the Clinic. SLP Case Conference Class, Vanderbilt University School of Medicine, Nashville, TN. November, 2010.

CERTIFICATION/LICENSURE

- 1989-present Certificate of Clinical Competence (Speech-Language Pathology), American Speech-Language-Hearing Association
- 2006 Certificate in College Teaching, Graduate College & the University Teaching Center, University of Arizona, Tucson, AZ.

Licensure

- 04/2015 – present State of Indiana, Indiana Professional Licensing Agency (# 22006113A)
- 08/2009- 01/2015 State of Tennessee Division of Health Related Boards License (SP 4132)
- Previously licensed in: Arizona, Nebraska, Ontario (Canada).

PROFESSIONAL MEMBERSHIPS

- 1988–present American Speech, Language, & Hearing Association (ASHA)
Special Interest Group 2, Neurophysiology & Neurogenic Speech & Language Disorders
Special Interest Group 12, Augmentative and Alternative Communication
Special Interest Group 18, Telepractice (2018-present)
- 2010–present Rehabilitation Engineering Society of North America (RESNA)
- 1990- 1998;
2010-present International Society for Augmentative & Alternative Communication (ISAAC)
- 2015-present Indiana State Speech-Language Hearing Association (ISHA)

PROFESSIONAL LEADERSHIP

- 02/2020-2020 Member of scientific review committee
Clinical AAC (CAAC) conference
- 01/2017 – present **SIG 12 (AAC) Professional Development Manager (PDM)**
appointed, 3 yr. term (re-appointed for additional 3 yr. term to end 2022)
Member of SIG Coordinating Committee
- 01/2013-12/2016 SIG 12 (AAC) Professional Development committee
- 2014 –2021 RESNA – Continuing Education Committee
- March 2012 Peer reviewer for the ASHA AAC self-study program

EXTERNAL SERVICE

- 2017- present External reviewer of promotion documents – clinical faculty
University of Arizona
University of Nebraska-Lincoln
University of Texas (Austin)
University of Virginia (Charlottesville)
Indiana University (Bloomington)
University of Kansas
Cleveland State University
- 2017-present Member of Convention Proposal Committee for AAC Topic Committee
- Review submitted proposals for Convention
 - Provide input to Topic Chair re: content for Convention

DEPARTMENTAL SERVICE

- 2019-present PhD committee member – Purdue University
- 2019-2020 Member of Search Committee for Clinical Faculty position
- 2018- present Member of MS-SLP Curriculum Committee
- 2016 -2018 PhD Dissertation committee member – Purdue University
Department of Special Education
- Master's Thesis Co-Chair – Purdue University
Department of Speech, Language, & Hearing Sciences
- 2016 –2018 Member of Crossroads Conference Committee
(annual conference sponsored by Purdue Chapter of NSSLHA)
- 2015-present Member of plan of study committee for 12 Master's level students
- 2015-present Faculty mentor for 13 Master's level students EBP projects (SLHS 51900)
- 2015-present Primary Committee (*departmental promotions, Purdue University*)
SLP Clinical Curriculum & Standards Committee
Graduate Committee: SLP Admissions (2017)
- 2009 – 2014 Curriculum Committee for MS-SLP Program (Vanderbilt University)
- 2009 – 2014 AAC Workshop Organizing Committee (Vanderbilt University)
Initiated inaugural workshop (2009/2010)
- 2011 – 2012 Master's Thesis committee member – M.S. student (Vanderbilt University)

2011 Search Committee member for Associate Director, Medical Speech-
Language Pathology (Vanderbilt University)

AWARDS & HONORS

2021-2022 HHS Online Education Faculty Fellow (inaugural year of program)

2018-2015, 2013, 2012, ASHA Award for Continuing Education (ACE)
2001, 1996

2005, 2004 Graduate and Professional Student Council, Travel Grant
University of Arizona

2004 Grunewald-Blitz Academic Merit Fellowship, University of Arizona,

2003 & 2004 Graduate Scholarship for Academic Merit, Harmonize for Speech
Fund (Canada)

REFERENCES

Available upon request