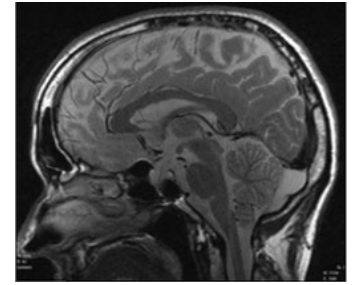




PRADEEP RAMANATHAN

Associate Professor
Dept. of Communication Disorders
Texas State University, Round Rock
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(512) 716-2608
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my brain 😊

Education

- | | |
|--|-----------|
| Ph.D. Speech-Language Pathology
Department of Speech-Language-Hearing Sciences
University of Minnesota, Minneapolis, MN
Doctoral Advisor: Dr. Mary R. T. Kennedy
Minor: Cognitive and Biological Psychology
Department of Psychology
Advisor: Dr. Chad J. Marsolek | July 2009 |
| M. A. Speech-Language Pathology
Department of Communication Disorders
University of Minnesota, Minneapolis, MN
M.A. Advisor: Dr. Nancy Pearl Solomon | May 2002 |
| M. S. Physics
Department of Physics and Astronomy
San Francisco State University, San Francisco, CA | May 1996 |
| B. A. Physics
Department of Physics
University of California at Berkeley, Berkeley, CA | Dec 1987 |

Professional Experience, Rank, Employment

- | | |
|---|----------------|
| • Associate Professor, Texas State University, Round Rock, TX | 2023 – Present |
| • Associate Professor, California State University East Bay (CSUEB), Hayward CA | 2019 – 2023 |
| • Assistant Professor, CSUEB | 2015 – 2019 |
| • Assistant Professor, SLHS, University of Connecticut (UConn), Storrs, CT | 2009 – 2015 |
| • Instructor, UConn, Department of Communicative Sciences & Disorders | 2009 |
| • Research Assistant, University of Minnesota (UMN), Minneapolis, MN | 2003 – 2008 |
| • Teaching Assistant, Department of Speech, Language, & Hearing Sciences, UMN | 2003 – 2006 |
| • Instructor, Department of Communicative Sciences & Disorders, UMN | 2000 – 2005 |
| • Teaching Assistant, Department of Physics, UMN | 1998 – 2004 |
| • Teaching Assistant, Department of Physics, San Francisco State University | 1994 – 1996 |

Professional Training

- **National Institutes of Health, Engagement and Access for Research-Active Institutions (NIH EARA)**
 - Nominated by TXST to participate NIH EARA Pilot Project, September 2024 to March 2025
 - Receiving mentorship by NIH program officers to design and submit a research project grant by 2026
- **Guiding Faculty in Health Professions to Research Career Development Workshop**
 - Two-day training (Sep 2024) on research career development, interdisciplinary research, and grantsmanship training.
- **Functional Near Infra-Red Spectroscopy (fNIRS)**
 - Two-session training (May 2024) on the Artinis Near Infrared Spectroscopy (NIRS) system, purchased for my research laboratory from CorTech Solutions, Inc.
- **Electroencephalography (EEG)/Event Related Potential (ERP)**
 - Four-session training (August 2022) on our new in-house 64-channel ActiCHamp Plus electroencephalography (EEG) system (Brain Vision, LLC).
 - Virtual Event-Related Potential (ERP) Boot Camp: Webinar on the ERP CORE, August 2020 [presented by Steve Luck, Emily Kappenman, Jaclyn Farrens, Wendy Zhang, Andrew Stewart]
 - Brain Vision Analyzer 2, ERP analysis methods Basic Webinar, October 2019
 - Trained on 32-channel Biosemi ActiveTwo EEG system by Brian Gonsalves, Ph.D., Dept. of Psychology, CSUEB; numerous training and practice sessions over Summer 2018
- **Magnetic Resonance Imaging (MRI)**
 - Center for Magnetic Resonance Research, University of Minnesota, 2006. Certified on safety screening, operation, emergency procedures, basic imaging protocols, and use of the Syngo platform for 3T scanner
 - Scanned research subjects for Kennedy, Wozniak, Muetzel, et al. (2009)
- **American Congress of Rehabilitation Medicine, Career Networking Development Group's Leadership Mentoring program**
 - Participating in a one-year program (April 2023 – March 2024), whose goal is to “foster the development and advancement of early career professionals in the field of rehabilitation”. The program provides opportunities to network with other rehabilitation professionals, gain access to resources, and be paired up with a senior member of the ACRM community for mentorship in career and leadership development.
 - Mentor: Dr. Thomas Bergquist, Ph.D., LP, Departments of Psychiatry & Psychology, and Physical Medicine & Rehabilitation, Mayo Clinic.
- **High Impact Practices Series** (workshops by the Office of Faculty Development, CSUEB)
 - Community Based Learning (2017)
 - Collaborative Learning (2016)
 - Diversity (2015)
- **Association of College and University Educators (ACUE) trainings**
 - Topics included: Connecting with Your Students, Leading the First Day of Class, Planning Effective Class Discussions, Checking for Student Understanding (all completed Fall 2016)
- **Laryngeal Endoscopy**
 - Rigid endoscopy: Nancy Pearl Solomon, Ph.D., CCC-SLP at the University of Minnesota, 2001
 - Flexible endoscopy, stroboscopy: Deirdre D. Michael, Ph.D., CCC-SLP at the University of Minnesota Medical Center, Fairview University Medical Center, 2002

Research & Scholarship

Peer-reviewed Publications (* indicates current/former student mentee):

Neuroscience-related Peer-Reviewed Publications

- **Ramanathan, P.** & *Lindsey, A. (in review). Masked priming and antipriming of Judgments of Learning.
- *Myngheer, J., & **Ramanathan, P.** (in review). Qualitative interview strategies for individuals with traumatic brain injury.
- **Ramanathan, P.**, Chen, M., Liu, R., & Kennedy, M.R. (2022). Memory and executive functions subserving Judgments of Learning: Cognitive reorganization after traumatic brain injury. *Neuropsychological Rehabilitation*, 32(9), 2203-2226. <https://doi.org/10.1080/09602011.2021.1929345>
- **Ramanathan, P.**, *Turner, H., & Stevens, M.C. (2019). Intensive cognitive rehabilitation therapy for traumatic brain injury: Neural correlates of functional recovery. *Aphasiology*, 33(3), 289 – 319. <https://doi.org/10.1080/02687038.2018.1461801>
- **Ramanathan, P.**, Kennedy, M., and Marsolek, C.J. (2014). Implicit memory influences on metamemory during verbal learning after traumatic brain injury. *Journal of Speech, Language, Hearing Research*, 57(5), 1817-1830. https://doi.org/10.1044/2014_JSLHR-L-13-0204
- Marsolek, C.J., Deason, R.G., Ketz, N.A., **Ramanathan, P.**, Bernat, E., Steele, V., Patrick, C., Verfaellie, M., and Schnyer, D. (2010). Identifying objects impairs representations of other objects: A relearning explanation for the neural repetition effect. *NeuroImage* (49), 1919-1932. <https://doi.org/10.1016/j.neuroimage.2009.08.063>

Voice-related Peer-Reviewed Publications

- **Ramanathan, P.**, *Yao, T., and Goding, G.S. (2022). Phonation threshold pressure as a unique outcome measure of phonatory physiology changes following submucosal saline injection for vocal fold scarring. *Perspectives of the ASHA Special Interest Groups*, SIG 3 Voice and Upper Airway Disorders.
- Solomon, N.P., **Ramanathan, P.**, and Makashay, M. (2007). Phonation threshold pressure across the pitch range: Preliminary test of a model. *Journal of Voice*, 21 (5), 541-550. <https://doi.org/10.1016/j.jvoice.2006.04.002>

Books, non peer-reviewed articles, etc.

- Bhatnagar, S. C., Hacein-Bey, L., & **Ramanathan, P.** (2024). Neuroscience for communicative disorders. (6th ed). Wolters Kluwer.
- **Ramanathan, P.** (2019). Cognition. *SAGE Encyclopedia of Human Communication Sciences and Disorders*. Damico, J.S., & Ball, M.J., eds.
- **Ramanathan, P.** (2019). Pathophysiology of stroke. *SAGE Encyclopedia of Human Communication Sciences and Disorders*. Damico, J.S., & Ball, M.J., eds.
- **Ramanathan, P.** (2018). The speech-language pathologist's role in concussion management. *CSHA Magazine*, Summer 2018, 8 – 12.

Works in Preparation (* indicates current/former student mentee):

- **Ramanathan, P.**, Deason, R.G., Westerberg, C.E., Ketz, N.A., and Marsolek, C.J. (in preparation). Anti-priming in the visual object identification neural network is modulated by visual similarity.
- **Ramanathan, P.**, *Yao, J., *Finch, K., *Leben-Wolf, J., *Millar, S., Gonsalves, G., *Miller, C., & *Morfin-Chavez, F. (in preparation). Constrained Hemisphere Aphasia Therapy (CHAT) – Training the right hemisphere for word naming.

Posters & Presentations: (* indicates current/former student mentee):

- **Ramanathan, P.** (2024, June). Constrained Hemisphere Aphasia Therapy: A preliminary investigation of a right hemisphere recruitment method. One-hour in-person presentation given to the department of Speech Language Pathology, Sri Ramachandra Institute of Higher Education and Research, Chennai, India.
- **Ramanathan, P.,** *Miller, C., *Morfin-Chavez, F., & *Roth, C. (2023, March). The role of the right hemisphere in aphasia, and introducing constrained hemisphere aphasia therapy. Ninety-minute seminar presented at the California Speech-Language-Hearing Association, Anaheim, CA.
- **Ramanathan, P.,** *Brandt, J., *Marshall, A., *Miller, C., & *Morfin-Chavez, F. (2022, November). Constrained Hemisphere Aphasia Therapy (CHAT) – Training the right hemisphere for word naming. Poster presented at the annual meeting of the American Speech-Language-Hearing Association.
- **Ramanathan, P.** (2021, April). Researchers Meet and Greet Series. Oral presentation to the Scientific Research Journal Club at Ohlone College, Hayward, CA (via Zoom).
- *Yao, T., Bernstein-Ellis, E., & **Ramanathan, P.** (2021, April). Lessons learned as puppeteers: Individuals with aphasia as volunteers in an intergenerational community-based reading program. Poster presented at the Aphasia Access Leader Summit.
- **Ramanathan, P.** (2021, March). Current Neuroscience Research in the CSUEB B.R.A.I.N. Lab. Oral presentation to the neuroscience club at Diablo Valley High School, Concord, CA (via Zoom).
- *Millar, S., *Finch, K., *Yao, J., *Leben-Wolf, J., *Mountain, M., Gonsalves, G., & **Ramanathan, P.** (2020, November). Comparison of right hemisphere loading paradigms: Constrained hemisphere treatment vs. attention/intention treatment. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).
- *Millar, S., *Finch, K., Gonsalves, B., & **Ramanathan, P.** (2020, March). Comparison of right hemisphere loading paradigms: Attention/Intention vs. Constrained Hemisphere Training. Poster accepted for presentation at the annual meeting of the California Speech-Language-Hearing Association. (Convention canceled).
- **Ramanathan, P.** (2019, April). Clinical Neuroscience: Speech-Language Pathology (SLP) and the Brain. Oral presentation to the neuroscience club at Dougherty Valley High School, San Ramon, CA.
- *Yao, T., *Millar, S., *Monteiro, R., *Finch, K., Gonsalves, B., & **Ramanathan, P.** (2019, March). Right hemisphere loading as an experimental treatment for chronic non-fluent aphasia. Poster presented at the annual meeting of the California Speech-Language-Hearing Association.
- *McDonnell, M., & **Ramanathan, P.** (2019, March). Acoustic Analysis – Clinical Applications. Poster presented at the annual meeting of the California Speech-Language-Hearing Association.
- *LaMantia-Bishop, M., *Dhesi, S., & **Ramanathan, P.** (2018, November). Effects of ARCS on an adult with anomia in a cooperative group therapy model. Poster presented at the annual meeting of the American Speech-Language-Hearing Association.
- *Li, J., *Enscoe, A., Bernstein-Ellis, E., & **Ramanathan, P.** (2018, November). The effect of modified verb network strengthening treatment in a cooperative therapy setting. Poster presented at the annual meeting of the American Speech-Language-Hearing Association.
- **Ramanathan, P.** (2018, September). Neurocognitive networks and the pathophysiology of traumatic brain injury – sequelae in the adolescent brain. Half-day oral presentation to the East Side Union High School District in San Jose.
- **Ramanathan, P.** (2018, February). Neurobiology, assessment, and treatment of traumatic brain injury. Full day workshop presented to District 3 of the California Speech Language and Hearing Association.
- *Ifah, M. & **Ramanathan, P.** (2017, November). Concussion epidemiology in a California State University campus. Poster presented at the annual meeting of the American Speech-Language-Hearing Association.

- **Ramanathan, P.** (2017, September). Spasmodic dysphonia: the functional vs. neurogenic distinction. Oral presentation to the Oakland chapter of the National Spasmodic Dysphonia Association support group network.
- **Ramanathan, P.** (2017, September). Study skills and strategies to improve student learning. Oral presentation at Back to the Bay, California State University East Bay.
- *Yao, T., **Ramanathan, P.**, & Goding, G.S. (2017, June). The effects of submucosal vocal fold saline injection on voice quality in an individual with vocal fold scarring – a case study. Oral presentation at the annual meeting of the Voice Foundation.
- *Yao, T., *Lindsey, A., & **Ramanathan, P.** (2016, November). Priming and antipriming of judgments of learning. Poster presented at the annual meeting of the Psychonomics Society.
- *Poff, L., *Waryasz, S., *Ceruti, J., **Ramanathan, P.**, Musiek, F., and Skoe, E. (2016, April). Sports-related concussion on auditory processing in university athletes: Implications for speech processing. Poster presented at the annual meeting of the American Academy of Audiology.
- *Ceruti, J., *Waryasz, S., Musiek, F., & **Ramanathan, P.** (2015, March). Effects of sports-related concussion on behavioral and electrophysiological measures of central auditory processing. Poster presented at both the annual meeting of the American Academy of Audiology, and at the American Audiology Society.
- *Turner, H., **Ramanathan, P.**, and Stevens, M.C. (2013, November). Intensive cognitive rehabilitation therapy for traumatic brain injury: Neural correlates of functional recovery. Poster presented at the annual meeting of the American Speech-Language-Hearing Association.
- **Ramanathan, P.** (2012, December). The implicit nature of memory, learning, and metacognition. Invited talk presented to the COGS 5001 graduate course at the University of Connecticut.
- *Lanza, D., **Ramanathan, P.**, and Kennedy, M. R. (2011, November). Relationships between Executive Function and Metamemory in TBI Survivors. Poster presented at the annual meeting of the American Speech-Language-Hearing Association.
- **Ramanathan, P.**, Kennedy, M., and Marsolek, C.J. (2011, February). Effects of priming and antipriming on speed of cognitive processing in traumatic brain injury survivors. Poster presented at the annual meeting of the International Neuropsychological Society.
- **Ramanathan, P.**, Kennedy, M., and Marsolek, C.J. (2009, February). Effects of masked lexical priming on metamemory judgments in traumatic brain injury survivors. Poster presented at the annual meeting of the International Neuropsychological Society.
- **Ramanathan, P.**, Kennedy, M., and Marsolek, C.J. (2008, November). Metacognition and implicit memory in traumatic brain injury survivors. Poster presented at the annual meeting of the American Speech-Language-Hearing Association.
- **Ramanathan, P.** (2008, January). Vocal health and hygiene for auctioneers. Lecture presented at the Minnesota State Auctioneers' Association's 2008 Annual Conference.
- **Ramanathan, P.** (2007, December). Principles of cognitive rehabilitation for new word learning in TBI survivors. Lecture presented to TBI survivor support group, Mercy Hospital, Coon Rapids, MN.
- Marsolek, C.J., Ketz, N.A., **Ramanathan, P.**, Deason, R.G., Davis, S., Verfaellie, M., and Schnyer, D. (2007, June). Neural priming effects in fMRI: Integrated fMRI and neuro-computational evidence for what may be reflected. Poster presented at the annual meeting of the Organization for Human Brain Mapping.
- **Ramanathan, P.**, Ketz, N.A., Deason, R.G., Westerberg, C.E. & Marsolek, C.J. (2007, May). Visual antipriming and priming predicted by neurally plausible models of object identification. Poster presented at the annual meeting of the Cognitive Neuroscience Society.
- Michael, D.D., **Ramanathan, P.**, Swanson, S., Lindsay, K. (2006, May). Effects of training parameters of dysphonic voice quality on ratings of normal singing voice quality. Paper presented at the Physiology and Acoustics of Singing Conference, York, England 2006. (Presenter: Deirdre D. Michael).

- Solomon, N.P., **Ramanathan, P.**, Makashay, M. (2005, June). Phonation threshold pressure across the pitch range. Paper presented at the Voice Foundation's 34th Annual Symposium: Care of the Professional Voice, Philadelphia, PA. (Presenter: N.P. Solomon).
- Lommen, G., **Ramanathan, P.**, Waldron, J. (2004, April). Rehabilitation of aphasia in the chronic stages. Lecture presented at the Minnesota Speech and Hearing Association's Annual Conference, Rochester, MN.
- **Ramanathan, P.** (2002, November). Pathophysiology and neuroplasticity in chronic aphasia. Lecture presented at the Twin Cities Speech Language Pathologists Annual Conference, Minneapolis, MN.

Current Research Projects:

- Evidence-based cognitive rehabilitation therapy for individuals with chronic moderate-severe traumatic brain injury – psychometric, psychosocial, and neuroimaging investigations of treatment induced neuroplasticity.
- Constrained Hemisphere Aphasia Therapy (CHAT) – behavioral and electrophysiological investigations to determine whether dichotic listening, split visual field presentation, endogenous attentional downregulation of the injured left-hemisphere, and left-handed motor responses will activate right-hemisphere homologues of left-hemisphere language areas so that language functions can be performed by the intact right hemisphere.
- Patient education on lifestyle management of Atherosclerosis Cardiovascular Disease (ASCVD) – I am leading a group three TXST faculty in conducting survey and implementation research to evaluate current practices in patient education on evidence-based lifestyle modifications for ASCVD prevention and management.
- Neural substrates of Judgments of Learning – do regional activation patterns during paired associate learning and JOLs support the monitoring dual memories hypothesis? *[In collaboration with my former doctoral mentee Dr. Andre Lindsey, Nevada State University, and with Dr. Michael C. Stevens, Institute of Living, Hartford Hospital; Data analysis in progress.]*

Funding & Awards

Grantsmanship training, Grants, and Scholarships

- National Institutes of Health
 - Title: Engagement and Access for Research Active Institutions (EARA) Pilot Project
 - Role: Participant
 - Purpose: To foster bilateral engagement and communication between Research Active Institutions (e.g., TXST) and NIH Institutes and Centers
 - Training: Receive mentorship from one or more Program Officers at a relevant NIH institute, in preparing a grant application
 - Status: Awarded (i.e., application approved – I am a current active participant)
 - Dates: September 2024 – March 2025
- National Institutes of Health
 - Title: Training In Grantsmanship for Rehabilitation Research (TIGRR)
 - Role: Applicant for participation in program
 - Purpose: To provide training in grantsmanship for NIH, VA, and NIDILRR federal funding mechanisms
 - Training: Receive mentorship from TIGRR faculty, in preparing an NIH grant application
 - Status: **Application in Review**
 - Dates: January 6 – 10, 2025
- National Institute of Disability and Independent Living Rehabilitation Research (NIDILRR) Switzer Research Fellowship
 - Title: Effects of comprehensive evidence-based cognitive rehabilitation therapy administered more than

- two years post moderate to severe traumatic brain injury.
 - Role: Principal investigator
 - Status: **Not Awarded** (score = 89/100); \$80,000
 - Dates: N/A
- Texas State University, Research Enhancement Program
 - Title: Constrained Hemisphere Aphasia Therapy (CHAT) – A nonclinical study
 - Role: Principal investigator
 - Status: **Awarded**: \$8000.00 over 12 months
 - Dates: December 7, 2023 – December 6, 2024
- Firedoll Foundation
 - Title: Effects of intensive comprehensive evidence-based cognitive rehabilitation therapy for chronic moderate to severe traumatic brain injury.
 - Role: Principal investigator
 - Status: **Awarded**: \$31,798.00 over 12 months
 - Dates: July 12, 2021 – July 11, 2022
- National Institute of Disability and Independent Living Rehabilitation Research (NIDILRR) Switzer Research Fellowship
 - Title: Intensive cognitive rehabilitation therapy for chronic traumatic brain injury: Increasing independence and life participation through training-induced neuroplasticity.
 - Role: Principal investigator
 - Status: **Not Awarded** (score = 85.5/100); \$70,000
 - Dates: N/A
- National Science Foundation, Major Research Instrumentation Program (NSF 18-513)
 - Title: MRI: Acquisition of Electroencephalography Equipment for the Study of the Neuroplasticity of Language and Cognitive Processes in Bilingualism and Multilingualism
 - Role: Co-Principal investigator (PI = Dr. Eve Higby)
 - Status: **Awarded**: \$258,811 over 3 years [Award Number (FAIN): 2117078]
 - Dates: September 1, 2021 to August 31, 2024
- Faculty Support Grant for Release Time, CSUEB
 - Title: Effects of intensive comprehensive evidence-based cognitive rehabilitation therapy for chronic moderate to severe traumatic brain injury.
 - Role: Principal investigator
 - Status: **Awarded**: \$7,000.00 (3 WTU's release time + \$945)
 - Dates: August 2021 – July 2022
- Faculty Support Grant for Release Time, CSUEB
 - Title: Constrained Hemisphere Aphasia Therapy (CHAT)
 - Role: Principal investigator
 - Status: **Awarded**: \$7,000.00 (3 WTU's release time + \$940)
 - Dates: July 2019 – June 2020
- Faculty Support Grant for Release Time, CSUEB
 - Title: CSUEB Concussion Epidemiology Study
 - Role: Principal investigator
 - Status: **Awarded**: \$2,700.00 (2 WTU's release time + \$200)
 - Dates: Sept. 2017 – Aug. 2018
- Assigned Time for Exceptional Levels of Service to Students, CSUEB
 - Title: Support for underperforming students in SPPA 4867 (Speech Science), and for the development of a training program for the evaluation and treatment of concussion
 - Role: Faculty
 - Status: **Awarded**: \$2,400.00 (2 WTUs release time)

- Dates: Spring, 2018
- Academic Access, Enhancement & Excellence (A2E2) Subcommittee of the Student Success Committee
 - Title: Purchase of assessments and test batteries for graduate student clinician training in the assessment of disorders of speech, language, and cognition
 - Role: Faculty
 - Status: **Awarded:** \$5,158.00
 - Dates: Fall, 2017
- Quarterly Grants for Innovation in Instruction, CSU East Bay
 - Title: Student Study Skills Training and Self-Monitoring program
 - Role: Co-Principal investigator
 - Status: **Awarded:** \$5,000.00
 - Dates: Fall 2016 – Spring, 2017
- Faculty Support Grant for Mentoring Student Researchers, CSU East Bay
 - Title: Memory and Judgments of Learning
 - Role: Principal investigator
 - Status: **Awarded:** \$4,000.00
 - Dates: Nov. 16, 2015 – Sept. 30, 2016
- National Science Foundation: IGERT (Integrative Graduate Education and Research Traineeship) Program
 - Title: Language Plasticity: Genes, Brain, Cognition, and Computation
 - Role: Core Faculty member, and doctoral adviser to one IGERT trainee (André Lindsey)
 - Status: **Awarded:** \$3,000,000.00
 - Dates: July 2012 – June 2017
- American Speech-Language-Hearing Foundation, New Century Scholars grant
 - Title: Executive functions and metamemory in individuals with Traumatic Brain Injury
 - Role: Principal investigator
 - Status: **Not Awarded:** \$10,000.00
 - Dates: 2011 – 2012
- Faculty Large Grant, University of Connecticut, July 2010 – June 2011.
 - Title: Implicit Memory Effects on Metamemory in TBI Survivors
 - Role: Principal investigator
 - Status: **Awarded:** \$20,000.00
 - Dates: July 1, 2010 – June 30, 2011
- Doctoral Dissertation Fellowship, University of Minnesota, September 2007 – May 2008.
 - Dissertation Title: Is metamemory implicit? Evidence of priming and antipriming in individuals with and without brain injury
 - Role: Principal investigator
 - Status: **Awarded:** \$20,000.00 stipend and tuition waiver
 - Dates: 2007 – 2008
- Minnesota Speech-Language-Hearing Foundation, March 2008
- Ph.D. Student Dissertation Research Activity Award, University of Minnesota, January, 2007.
- Speech-Language-Hearing Sciences Block Grant Award, University of Minnesota, September 2006.
- Graduate Research Partnership Program Award, University of Minnesota, May, 2006.
- Bryng Bryngelson Research Award, Dept. of Speech-Language-Hearing Sciences, University of Minnesota, March, 2002 and July 2008

Awards/Honors/Commendations:

- American Speech, Language, and Hearing Association (ASHA) Research Mentoring-Pair Travel Award (RMPTA), awarded July 2018

- Provost letter of recognition for teaching excellence, University of Connecticut (January, 2015)
- Brain Injury Alliance of Connecticut, Volunteer of the Year Award, 2013
- Editor's Choice Award, *NeuroImage*, 2010 (see above for full citation of Marsolek et al., 2010)
- Outstanding teaching assistant, Department of Physics, University of Minnesota, 2001

Teaching

Department of Communication Disorders, Texas State University

CDIS 1331	Introduction to Communication Disorders	2024 – Present
CDIS 3325	Anatomy and Physiology Anatomy and Physiology of the Speech Production System	2023 – Present
CDIS 3475	Speech Science	2024 – Present
CDIS 5336	Motor Speech Disorders	2024 – Present
CDIS 5395	Evidence-Based Practice: Versatility in Practice	2023 – Present
CDIS 5340	Cognitive Rehabilitation	Summer 2024

Department of Speech, Language, and Hearing Sciences, California State University, East Bay

SLHS 301	Anatomy and Physiology for Speech, Language, and Hearing Sciences	2016 – 2023
SLHS 303	Hearing & Speech Science	2016 – 2023
SLHS 401	Neuroanatomy and Neurophysiology of the Speech, Language and Hearing Mechanism	2015 – 2018
SPPA 406	Adult Neurocognitive Disorders	2017, 2018
SLHS 602	Language and Cognitive Disorders	2018
SLHS 602B	Adult Neurogenic Disorders of Cognition	2022 – 2023
SLHS 604	Voice Disorders	2016 – 2023
SPPA 6040	Neurobiology, Assessment, & Treatment of TBI	Summer 2018
SLHS 609	Motor Speech Disorders	2019
SLHS 613	Advanced Speech Science	2015 – 2017, 2021 – 2023
SLHS 694/5	Practicum in Speech Language Pathology – Treatment (Supervision)	2016 – 2023
SLHS 696	Practicum in Speech Language Pathology – Diagnostic (Supervision)	2016 – 2023

Department of Speech, Language, and Hearing Sciences, University of Connecticut, Storrs, CT

SLHS 2156Q	Speech & Hearing Science	2013, 2014
SLHS 4245	Neuroscience for the Study of Cognitive and Communicative Disorders (formerly CDIS 4244)	2009 – 2014
CDIS 5343	Cognitive-Communicative Disorders	2009 – 2012

CDIS 5361	Advanced Speech Science	2009, 2010
CDIS 6368	Functional Neuroanatomy with Human Brain Dissection (interdisciplinary doctoral seminar)	2011 – 2012
CDIS 6368	Memory: Theory and Practice (seminar for advanced M.A. SLP students)	2011

Department of Speech-Language-Hearing Sciences, University of Minnesota, Minneapolis, MN

SLHS 1302	Rate Your World: Quantifying Judgments of Human Behavior Department of Speech-Language-Hearing Science University of Minnesota, Minneapolis, MN Mentor: Peggy Nelson, Ph.D.	Fall 2005
CDIS 1301	Physics and Biology of Spoken Language Department of Communication Disorders University of Minnesota, Minneapolis, MN Mentor: Charles Speaks, Ph.D.	Fall 2000 – Spring 2002

Teaching Assistantships

Department of Physics, University of Minnesota, Minneapolis, MN

PHYS 1300	Physics for Scientists and Engineers Department of Physics and Astronomy University of Minnesota, Minneapolis, MN	Fall 1998 – Fall 2004
PHYS 1100	Physics for the Health Sciences Department of Physics and Astronomy University of Minnesota, Minneapolis, MN	Fall 1998 – Fall 2004

Department of Physics, New College of California & San Francisco State University, San Francisco, CA

PHYS 340	Physics for the Health Sciences Department of Physics New College of California, San Francisco, CA	Fall 1994 – Spring 1995
PHYS 150	Physics for Scientists and Engineers Department of Physics and Astronomy San Francisco State University, San Francisco, CA	Fall 1993 – Spring 1996

Advising

California State University East Bay

- Master's Thesis Advising:
 - Jessica Myngheer (M.S., May 2023). Dissertation: Qualitative Interviewing for Individuals with Traumatic Brain Injury.
 - Theresa Jingyun Yao (M.S., December 2018). Dissertation: Contralateral Hemisphere Aphasia Therapy for Severe Non-Fluent Aphasia: Development of a Treatment Task.

- M.S. Student advising: ~30 graduate students per year, 2015 – 2019, 2022 – 2023
- Undergraduate advising: 40 – 70 students per year, 2019 – 2022

University of Connecticut

- Doctoral Advising:
 - Major Advisor to:
 - André Lindsey (from Fall 2013 – Spring 2015); dissertation with Carl Coelho, Ph.D., accepted 2018
 - Deborah Lanza (from Fall 2010 – Fall 2014)
 - Associate Advisor to:
 - Julianne Ceruti (Fall 2013 – Spring 2015; Major Advisor: Dr. Frank Musiek)
- Master's Thesis Advising:
 - M.A. Thesis Advisor to Heather A. Turner. (M.A., May, 2014). Dissertation: The effect of cognitive rehabilitation therapy on Traumatic Brain Injury in a single-subject design study.
- Additional M.A. and undergraduate major advising

Certification & Licensure History

- Certification – no history of warnings, citations, or violations
 - American Speech-Language-Hearing Association, Certificate of Clinical Competence (Acct# 12086294). Certification is current and active; continuous certification from 2002 – present.
- Licensure – no history of warnings, citations, or violations
 - Texas state license for Speech Language Pathology (License# 122185; period 2023 – present)
 - California state license for Speech Language Pathology. (License#: SP 24709; period 2016 – present)
 - Minnesota state license for Speech Language Pathology. (License period 2002 – 2008)

Clinical Experience

- Clinical Supervisor September 2016 – May 2023
 Department of Speech, Language, and Hearing Sciences
 California State University, East Bay
 25800 Carlos Bee Blvd., MB1099
 Hayward, CA 94544
 ○ Clinical population: Adult neurogenic disorders (stroke, traumatic brain injury), and adult voice disorders
- Director of Clinical Research, Aphasia Treatment Program August 2018 – May 2019
 Department of Speech, Language, and Hearing Sciences
 California State University, East Bay
 25800 Carlos Bee Blvd., MB1099
 Hayward, CA 94544
- Speech-Language Pathologist (voice specialist) July 2002 – October 2008
 Lions Voice Clinic, Department of Otolaryngology
 University of Minnesota Medical Center, Minneapolis, MN 55455
 Supervisor: Deirdre D. Michael, Ph.D., CCC-SLP
 ○ Clinical population: All voice disorders. Additional special populations – professional voice users and spasmodic dysphonia.

- Speech-Language Pathologist
North Memorial Medical Center
3300 Oakdale Dr., Robbinsdale, MN 55422
Supervisor: Anne Rowland, M.A., CCC-SLP
 - Clinical population: adult neurogenic cognitive and communication disorders. Provided assessment and treatment of dysphagia, aphasia, cognitive deficits, dysarthria, and apraxia of speech. Etiologies included stroke, traumatic brain injury, tumor, degenerative neurologic disease.
 - Co-developed the Intensive Aphasia Program with Gail Lommen, M.S., CCC-SLP, North Memorial Healthcare Stroke Center.
- Clinical Fellow in Speech-Language Pathology
North Memorial Medical Center
3300 Oakdale Dr
Robbinsdale, MN 55422
CFY Supervisor: Gail Lommen, M.S., CCC-SLP

Service

Texas State University, Round Rock

- Department:
 - Department liaison to Faculty Senate (Fall 2024 – present)
 - Faculty Search Committee, member (Fall 2024 – present)
 - Graduate Admissions committee, member (Fall 2023 – present)
 - CDIS Scholarship Committee, member (Fall 2023 – present)
 - Versatility in Practice Concentration Committee, member (Fall 2023 - present)
- College (College of Health Professions):
 - Faculty Development and Research Committee (Spring 2025 – present)
 - College Research Enhancement Committee (Fall 2024 – present)
 - Geriatric Health Initiative (Fall 2024 – present)
 - Metascience Working Group, founder and chair (Fall 2023 – present) – **on hold until after tenure**
 - Faculty Development & Research Committee, member (Fall 2023 – present)
- Professional:
 - National Institutes of Neurologic Diseases and Stroke Common Data Element (CDE) Version 3.0 Working Group for the Traumatic Brain Injury CDE project; member of the Performance-based Measures Subgroup (January 2025 – present)
 - On Track Advisory Committee, Mount Diablo Adult Education, John Muir Medical Center; advisory committee member (January 2018 – present)

California State University, East Bay:

- Department:
 - Retention, Promotion, and Tenure department committee (November 2019 – 2023)
 - Chair, Spring 2023
 - Chair advisory committee (Fall 2019 – 2023)
 - Accreditation Committee. Committee member for CAA re-accreditation preparation (2019 – 2020)
 - Director of Research, Aphasia Treatment Program (August 2018 – May 2019)
 - Graduate Coordinator (Aug 2019 – December 2019)
 - Tenure Track Faculty/Chair Search Committees. Search committee chair (July 2018 – June 2019)

- Tenure Track Faculty/Chair Search Committees. Committee member (September 2015 – June 2019)
- Quarter to Semester Conversion committee. Committee member (September 2015 – August 2018)
- Graduate Admissions committee. Committee member (December 2015 – 2023)
- Graduate Comprehensive Exam Committee. Committee member (Spring 2016 – 2023)
- Student recruitment (Open House, Welcome Day, etc.), department faculty representative (2016 – 2023)
- Diversity Advocate (May 2016 – May 2017)
- University:
 - Development of a campus-wide concussion program (2016 – 2023)
 - Institutional Review Board. Committee member or alternate (November 2015 – 2023)
 - CSUEB Health Summit. Committee member (September 2016 – 2023)
 - Quantitative Reasoning ILO Committee. Committee Member (October 2016 – September 2019)
 - Academic Senate (2017 – 2018)
 - Presentations:
 - Tips for a Healthy Teaching Voice. Oral presentation at Lunch & Learn, Oct. 2022
 - KCBS Radio interview on neuroscience tips for student study habits, Sept. 2017
 - Study Skills & Strategies to Improve Student Learning. Oral presentation, at Back to the Bay Fall 2017
 - Presentation on Communicative Sciences & Disorders, CSU East Bay Welcome Day, 2017
 - Concussion. Oral presentation at Forever Pioneer, 2016
- Professional:
 - Journal reviewer:
 - Aphasiology, 2016 – 2018, 2022-2023
 - Plural Publishing, textbook review (“Here’s How to Improve Intelligibility in Adults”, Porcaro, Connie, Ph.D.), 2020
 - Folia Phoniatrica, 2014
 - Journal of Speech, Language, and Hearing Research, 2007, 2019
 - Neural Plasticity, 2019
 - On Track Advisory Committee, Mount Diablo Adult Education, John Muir Medical Center; advisory committee member (January 2018 – 2023)
 - Ramanathan, P. (2018, September). Neurocognitive networks and the pathophysiology of traumatic brain injury – sequelae in the adolescent brain. Half-day workshop presented to the East Side Union High School District in San Jose.
 - Ramanathan, P. (2018, February). Neurobiology, assessment, and treatment of traumatic brain injury. Full day workshop presented to District 3 of the California Speech Language and Hearing Association.
- Community:
 - Ramanathan, P. (2022, June). Constrained Hemisphere Aphasia Therapy (CHAT): A novel treatment for aphasia. Oral presentation to the Brooks Rehabilitation Aphasia Center, Jacksonville, FL.
 - Ramanathan, P. (2022, June). Cognitive rehabilitation therapy for chronic moderate to severe Traumatic Brain Injury. Oral presentation to the Brain Injury Clubhouse, Jacksonville, FL.
 - Ramanathan, P. (2019, April). “Clinical Neuroscience: Speech-Language Pathology (SLP) and the Brain!” Presentation to Dougherty Valley High School Neuroscience club, San Ramon.
 - Ramanathan, P. (2017, September). Spasmodic dysphonia: the functional vs. neurogenic distinction. Oral presentation to the Oakland chapter of the National Spasmodic Dysphonia Association support group network.
 - Society for Neuroscience National Brain Bee event. Judge (2016, 2017, 2019, 2023)

University of Connecticut, Storrs:

- Department/School/College:
 - Core Faculty member, UConn Language Plasticity NSF IGERT (since inception to present); service on various committees.
 - Grant review committee - UConn Language Plasticity NSF IGERT (Fall 2012 – Sp. 2015)
 - Departmental Liaison for Diversity, committee chair (since Fall 2012)
 - Graduate Admissions committee (Spring 2010, 2011, 2012, 2014)
 - Faculty Search committee (Fall 2010)
 - Doctoral advising
 - Graduate and undergraduate advising
- Professional:
 - Co-editor, newsletter for the Academy of Neurologic Communication Disorders and Sciences, (Nov. 2010 through Nov. 2013).
 - Reporter, newsletter for the Academy of Neurologic Communication Disorders and Sciences, (Nov. 2009 through Nov. 2010).
 - Reviewer, Folia Phoniatrica, 2014.
 - Reviewer, Journal of Speech, Language, and Hearing Research, 2007.
- Clinical/Community:
 - Member, Board of Directors, Brain Injury Alliance of Connecticut (Sept. 2013 – present).
 - Committee Member: Planning Committee for the Brain Injury Alliance of Connecticut annual conference, 2011, 2012, 2013, 2014.
 - Committee Member & Fundraiser: Brain Injury Alliance of Connecticut annual “Walk for Thought” fund raiser 2011, 2012, 2013, 2014.
 - Support group facilitator: Brain Injury Alliance of Connecticut/UConn – founded and facilitated a traumatic brain injury support group at UConn (October 2011 to May 2015).

Professional Affiliations

- American Congress of Rehabilitation Medicine, member since 2023
- American Speech-Language and Hearing Association, member since 2002
 - Special Interest Group 02 – Neurophysiology and Neurogenic Speech and Language Disorders.
- California Speech-Language and Hearing Association
- Academy of Neurologic Communication Sciences and Disorders, 2010 – 2014
- International Neuropsychological Society 2009 – 2011
- Heterodox Academy; member since 2017 – Present

Professional Engineering Experience

- Infra-red Project Manager 1998
NetSchools Corporation
Mountain View, CA
 - Managed transfer of infra-red wireless technology from R & D to manufacturing.

- Process Equipment Development Engineer
Intel Corporation
Santa Clara, CA
 - Project Management and R&D for Deep Ultra Violet (DUV) optical lithography systems.

1996 – 1997

- Applications Engineer
Tencor Instruments Inc. (now KLA-Tencor, Inc.)
Palo Alto, CA
 - Worked on thin film surface roughness measurement feasibility, industry competitive analysis, contract bid presentation materials.

1993

- Process Engineer
MemTech Technology Corp. (formerly Intel Magnetics)
Santa Clara, CA
 - R&D and manufacturing in Liquid Phase Epitaxy.

1988 – 1989

References

Note: additional references available on request

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