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Educational Background

- May 2006 Dual track Ph.D., University of Colorado at Boulder
 Speech, Language & Hearing Sciences and Neuroscience
 (Dissertation Topic: Nonverbal Semantic Decisions in Chronic, Moderate-to-Severe Nonfluent Aphasia: An fMRI Investigation)
- 1999 M.S., University of New Mexico, Albuquerque, NM
 Speech and Hearing Sciences
- 1986 B.A., New Mexico State University, Las Cruces, NM
 Foreign Languages; minor in Mathematics; undergraduate coursework in Electrical Engineering

Professional Experience

- 2013- Associate Professor, Department of Communication Disorders, University of Massachusetts Amherst
- 2007-13 Assistant Professor, Department of Communication Disorders, University of Massachusetts, Amherst, Amherst, MA
- 2006-07 Post-Doctoral Fellow, Center for Aphasia Research and Rehabilitation, Georgetown University Medical Center, Department of Neurology, Washington, DC
- 2003-05 Pre-Doctoral Fellow, Neuroimaging/Aphasia Research Laboratory of Dr. Margaret Naeser, Boston University (BU) Harold Goodglass Aphasia Research Center, Boston, MA
- 2000-03 Graduate Research Assistant, Aphasia Research Laboratory of Dr. Gail Ramsberger, Department of Speech, Language and Hearing Sciences (SLHS), University of Colorado at Boulder (UC Boulder)
- 1999-00 Speech Language Pathologist (CFY), Santa Fe Public Schools, Santa Fe, NM
- 1997-98 Graduate Research Assistant, Aphasia Research Laboratory of Dr. Mary Oelschlaeger, Department of Speech and Hearing Sciences, University of New Mexico, Albuquerque, NM
- 1988-95 Electrical Designer/Construction Engineer, Norman Cohen & Associates, Beverly Hills, CA
- 1978-84 Electrician, International Brotherhood of Electrical Workers (IBEW, Local 611), Albuquerque, NM

Certification

- 2000-present ASHA Certificate of Clinical Competence in Speech-Language Pathology

Membership in Professional Societies

1999- present	American Speech, Language, Hearing Association (ASHA)
2000- present	ASHA Special Interest Division 2: Neurophysiology & Neurogenic Speech & Language Disorders
2009- present	Academy of Aphasia

Grants

Feb 2012	National Institute of Deafness and other Communication Disorders (R01 DC011526-01) 5-year grant award: “ <i>Overcoming Learned Non-Use in Chronic Aphasia: Behavioral, fMRI, and QoL Outcomes</i> ” (\$1.757 million)
Spring 2011	UMass Amherst School of Public Health and Health Sciences (SPHHS) Dean’s Research Enhancement Grant (\$10,000)
June 2010	UMass Amherst MRI/MRS Pilot Research Grant: “ <i>Semantic vs. Phonological Cueing: Neural Networks Supporting Word Finding</i> ” (\$13,230)
Jul 2008	UMass Amherst Faculty Research Grant / Healey Endowment Grant: “ <i>Treatment Effects on Neural Plasticity in Chronic Aphasia</i> ” (\$23,920)
Feb 2008	UMass Amherst MRI/MRS Pilot Research Grant: “ <i>Neural Plasticity after Intensive Language Therapy in Chronic Aphasia</i> ” (\$14,480)

Honors and Awards

Jan 2013	UMass Amherst Chancellor’s Exceptional Merit Award (\$5,000)
May 2012	UMass Amherst SPHHS Dean’s Professional Development Award (\$3,000)
Fall 2011	Nominated Outstanding Teacher, School of Public Health and Health Sciences
Fall 2010	Nominated Outstanding Teacher, School of Public Health and Health Sciences
Fall 2010	Nominated for Distinguished Teaching Award, UMass Amherst
May 2010	National Institutes of Health (NIH) Loan Repayment Program for Clinical Research (renewal; \$12,500)
Jan 2009	UMass Amherst Center for Research on Families: 2009-10 Family Research Scholar award
May 2008	UMass Amherst Center for Teaching: “ <i>Digital Storytelling</i> ” equipment grant (\$1,500)
May 2008	National Institutes of Health (NIH) Loan Repayment Program for Clinical Research (\$25,000)
Mar 2008	ASHA/ National Institute on Deafness and other Communication Disorders (NIDCD) Travel Fellowship to attend Lessons in Success Research Conference
June 2007	NIH / Neuro-Cognitive Rehabilitation Research Network Travel Fellowship to attend symposium on Neuroimaging in the Study of Neural Recovery and Rehabilitation
2005-06	University of Colorado at Boulder, Fellowship to complete dissertation (\$7,000)
May 2004	NIH / NIDCD Travel Fellowship to attend Clinical Aphasiology Conference, Park City, UT
1999	ASHA Research in Higher Education Mentoring Grant (\$3,000)
1984-86	IBEW Founders’ Scholarship (\$15,000)

Peer-Reviewed Publications

- Kurland, J**, Wilkins, AR, & Stokes, P (2014). iPractice: Piloting the effectiveness of a tablet-based home practice program in aphasia treatment. *Seminars in Speech and Language*, 35, 51-xx
- Kurland, J**, Reber, A, & Stokes, P (*in press*). Beyond picture naming: Norms and patient data for a verb generation task. *American Journal of Speech-Language Pathology*.
- Kurland, J**, Pulvermuller, F, Silva, N, Burke, K, & Andrianopoulos, M (2012). Constrained vs. unconstrained intensive language therapy in two individuals with chronic, moderate-to-severe aphasia and apraxia of speech: Behavioral and fMRI outcomes. *American Journal of Speech-Language Pathology*, 21, S65-S87.
- Kurland, J** (2011). The role that attention plays in language processing. *Perspectives on Neurophysiology and Neurogenic Speech and Language Disorders*, 21, 47-54.

- Kurland, J, & Falcon, M** (2011). Effects of cognate status and language of therapy during intensive semantic naming treatment in a case of severe non-fluent bilingual aphasia. *Clinical Linguistics and Phonetics*, 25, 584-600.
- Kurland, J, Baldwin, K, & Tauer, C** (2010). Treatment-induced neuroplasticity following intensive naming therapy in a case of chronic Wernicke's aphasia. *Aphasiology*, 24 (6-8), 737-751.
- Martin, P, Naeser, M, Ho, M, Doron, KW, **Kurland, J**, Kaplan, J, Wang, Y, Nicholas, M, Baker, EH, Fregni, F, & Pascual-Leone, A (2009). Overt Naming fMRI pre- and post-TMS: Two nonfluent aphasia patients, with and without improved naming post-TMS. *Brain and Language*, 111, 20-35.
- Kurland, J**, Cortes, CR, Wilke, M, Sperling, AJ, Lott, S, Tagamets, MA, VanMeter, J, Friedman, RB. (2008). Neural mechanisms underlying learning and maintenance of learning following semantic mediation treatment in a case of phonologic alexia. *Brain Imaging and Behavior*, 2: 147-162.
- Naeser, MA, Martin, PI, Nicholas, M, Baker, EH, Seekins, HE, Kobayashi, M, Theoret, H., Fregni, F, Tormos, JM, **Kurland, J**, Doron, KW, Pascual-Leone, A (2005). Improved Picture Naming in Chronic Aphasia after TMS to Part of Right Broca's Area, an Open-Protocol Study. *Brain and Language*, 93, 95-105.
- Naeser, MA, Martin, PI, Nicholas, M, Baker, EH, Seekins, HE, Helm-Estabrooks, N, Cayer-Meade, C, Kobayashi, M, Theoret, H., Fregni, F, Tormos, JM, **Kurland, J**, Doron, KW, Pascual-Leone, A (2005). Improved naming after TMS treatments in a chronic, global aphasia patient: Case report. *Neurocase* 11:182-193.
- Martin, PI, Naeser, MA, Doron KW, Bogdan A, Baker EH, **Kurland J**, Renshaw P, & Yurgelun-Todd, D (2005). Overt naming in aphasia studied with a functional MRI hemodynamic delay design. *NeuroImage*, 28, 194-204.
- Kurland, J**, Naeser, MA, Baker, EH, Doron, K, Martin, PI, Seekins, HE, Bogdan, A, Renshaw, P, & Yurgelun-Todd, D. (2004). Test-retest reliability of fMRI during nonverbal semantic decisions in moderate-severe nonfluent aphasia patients. *Behavioural Neurology*, 15, 87-97.
- Martin, PI, Naeser, MA, Theoret, H, Tormos, JM, Nicholas, M, **Kurland, J**, Fregni, F, Seekins, H, Doron, K, & Pascual-Leone, A (2004). Transcranial magnetic stimulation as a complementary treatment for aphasia. *Seminars in Speech and Language*, 25, 181-192.

Posters/Presentations/Proceedings

- Kurland, J**, Stokes, P, Stanek, E, Andrianopoulos, M, & Zeffiro, T (*accepted*). Treatment-Induced Neuroplasticity following Intensive Speech Therapy and a Home Practice Program in Four Cases of Chronic Aphasia. Proposal for talk to be presented at 51st annual meeting of the Academy of Aphasia. Lucerne, Switzerland.
- Wilkins, A, **Kurland, J**, & Stokes, P (May, 2013). iPractice: The effectiveness of a tablet-based home program in aphasia treatment. Poster presented at 43rd annual Clinical Aphasiology Conference, Tucson, AZ.
- Reber, A & **Kurland, J** (May, 2013). More to language than picture naming: Norms and patient data for a verb generation task. Poster presented at 43rd annual Clinical Aphasiology Conference, Tucson, AZ.
- Boisvert, M, Andrianopoulos, M, **Kurland, J**, & Boscardin, ML. Telepractice & the Efficacy of Intervention for Students With ASD. Oral presentation at the annual American Speech, Language and Hearing Association Convention, Atlanta, GA (*November, 2012*).
- Johnson, KM, **Kurland, J**, Parker, J, Fromm, D, & MacWhinney, B (May, 2012). Nouns and Verbs in Naming and Storytelling Tasks in Aphasia: Verbs are Another Story. Poster presented at 42nd annual Clinical Aphasiology Conference, Lake Tahoe, CA.
- Kurland, J**, Silva, N, Burke, KE, & Iyer, Priyanka (October, 2011). Treatment-Induced Neuroplasticity following Intensive Constrained and Unconstrained Language Therapy in a Case of Severe Nonfluent Aphasia. Poster presented at 49th annual meeting of the Academy of Aphasia. Montreal, Canada.
- Silva, N, **Kurland, J**, Burke, KE, & Andrianopoulos M (June, 2011). Constraint-Induced Language Therapy: Treatment Effects on Two Individuals with Moderate to Severe Aphasia and Apraxia of Speech. Poster presented at 41st annual Clinical Aphasiology Conference, Fort Lauderdale, FL.
- Falcon, M, & **Kurland, J** (May, 2010). Crosslinguistic generalization as a result of intensive language treatment in an individual with bilingual aphasia. Poster presented at 40th annual Clinical Aphasiology Conference, Isle of Palms, SC.

- Kurland, J**, Baldwin, K, & Tauer, C (October, 2009). Functional Reorganization after Constraint-Induced Language Therapy in a case of Wernicke's Aphasia. Poster presented at 47th annual meeting of the Academy of Aphasia. Boston, MA.
- Kurland, J** & Baldwin, K. (May, 2009). Treatment-Induced Neuroplasticity: A Case of Improved Naming following Intensive Therapy in Chronic Wernicke's Aphasia. Presented during platform session on neural plasticity at 39th annual Clinical Aphasiology Conference, Keystone, CO.
- Baldwin, K & **Kurland, J**. (May, 2009). The effects of intensive language therapy on functional communication: A case study. Poster presented at 39th annual Clinical Aphasiology Conference, Keystone, CO.
- Tauer, C & **Kurland, J**. (May, 2009). iRehab: Use of videophone technology to promote maintenance following intensive language treatment. Poster presented at 39th annual Clinical Aphasiology Conference, Keystone, CO.
- Lacey, E.H., **Kurland, J.**, Tagamets, M.A., Cortes, C.R., Snider, S.F., Lott, S.N. (2008). Processing of function words before and after behavioral treatment intervention: An fMRI case study. Presented at Society for Neuroscience, Washington, DC.
- Kurland, J**, Cortes, CR, Sperling, AJ, Lott, S, Tagamets, MA, Orchinik, LK, VanMeter, J, Friedman, RB. (November, 2007). Functional reorganization supporting learning and maintenance in a case of phonologic alexia. Presented during platform session on written language disorders at 45th annual meeting of the Academy of Aphasia, Washington, DC. (Brain and Language, 103, 99-100).
- Martin, P, Naeser, M, Ho, M, Doron, K, **Kurland, J**, Kaplan, J, Wang, Y, Nicholas, M, Baker, E, Fregni, F, & Pascual-Leone, A (November, 2007). Overt Naming fMRI Pre- and Post-TMS: Two Nonfluent Aphasia Patients, with and without Improved Naming Post-TMS. Presented during platform session at 45th annual meeting of the Academy of Aphasia, Washington, DC. (Brain and Language, 103, 248-249).
- Kurland, J**, Cortes, CR, Sperling, AJ, Lott, S, Lacey, EH, Tagamets, MA, VanMeter, J, Friedman, R.B. (April, 2007). Functional reorganization following semantic mediation treatment with overlearning in a case of phonologic alexia. Poster presented at 14th annual meeting of the Cognitive Neuroscience Society, New York, NY.
- Lacey, E.H., **Kurland, J.**, Cortes, CR, Lott, S.N., Tagamets, M., VanMeter, J., Friedman, R.B. (2007) Functional neuroimaging before and after behavioral interventions for acquired language disorders. Presented at RIKEN Brain Sciences Institute, Tokyo, Japan.
- Kurland, J**, Naeser, MA, Doron, K, Bogdan, A, Baker, E, Martin, P, Kim, DS. (2006). Nonverbal semantic decisions with actions in chronic, moderate-to-severe, nonfluent aphasia: An fMRI investigation. Poster presented at 44th annual Meeting of the Academy of Aphasia, Victoria, BC. (Brain and Language, 99, 191-192).
- Martin, P, Naeser, M, Doron, K, Fregni, F, **Kurland, J**, Nicholas, M, Baker, E, Pascual-Leone, A (June, 2005). New shift to L SMA activation with improved overt naming fMRI at 11 years poststroke in nonfluent aphasia after rTMS to suppress R BA 45. Poster presented at 11th annual Human Brain Mapping Conference. Toronto, Canada.
- Kurland, J**, Baker, EH, Naeser, MA, Doron, K, Martin, PI, Seekins, HE, Bogdan, A, Renshaw, P, & Yurgelun-Todd, D (May, 2004). Nonverbal semantic decisions in severe, global aphasia: An fMRI investigation with test/re-test reliability. Poster presented at 34th annual Clinical Aphasiology Conference. Park City, UT.
- Kurland, J**, Baker, EH, Naeser, MA, Martin, PI, Doron, K, Bogdan, A, Seekins, H, Renshaw, P, Yurgelun-Todd, D (February, 2004). fMRI in severe aphasia: Semantic yes/no decisions on 'icon sentences' in C-ViC. Poster presented at 32nd annual meeting of the International Neuropsychological Society. Baltimore, MD.
- Martin, PI, Naeser, MA, Doron, KW, Bogdan, A, Baker, EH, Seekins, HE, **Kurland, J**, Baker, EH, Renshaw, P, Yurgelun-Todd, D (February, 2004). Overt naming in aphasia: Hemodynamic delay design and analysis with fMRI BOLD. Poster presented at 32nd annual meeting of the International Neuropsychological Society. Baltimore, MD.
- Hauser, K., Ramsberger, G., & **Kurland, J**. (May, 2003). A comparison of transactional success in the semi-structured conversation of persons with aphasia: Topic constrained vs. topic unconstrained. Poster presented at 33rd annual Clinical Aphasiology Conference. San Juan Islands, WA.
- Kurland, J.** & Ramsberger, G. (May, 2002). A case study of conversational success in non-fluent aphasia. Poster presented at 32nd annual Clinical Aphasiology Conference. Branson, MO.

Teaching Experience

- 2007- Assistant Professor, Department of Communication Disorders, UMass Amherst
ComDis 613: Language Disorders in Adults – I
ComDis 614: Language Disorders in Adults – II
ComDis 580: Cognitive Bases of Language Functions
ComDis 315: Speech and Language Disorders
- 2001-03 Graduate Part-time Teaching Instructor (GPTI), Department of SLHS, UC Boulder
SLHS 2000: Introduction to Communication Disorders
SLHS 2010: The Science of Human Communication
- 1995-00 Instructor, IBEW Apprenticeship Training Program

Mentoring

- 2012- Morse, E., B.A. (May 2015). Mentoring study of aphasic discourse. Morse was awarded a small grant to learn and implement the coding and analyses of discourse samples for the AphasiaBank project.
- 2012- Baran, B. Member of doctoral dissertation committee.
- 2012-2013 Tyrrell, C. Doctoral advisor.
- 2012-13 Reber, A., M.A. (May 2013). Mentored norming study of verb generation. Reber was awarded a 2013 NIH/NIDCD travel fellowship to attend and present our research at the 43rd annual Clinical Aphasiology Conference (CAC).
- 2012-13 Wilkins, A., M.A. (May 2013). Mentored study of the effectiveness of a tablet-based home practice aphasia therapy program. Wilkins was awarded a 2013 NIH/NIDCD travel fellowship to attend and present our research at the 43rd annual Clinical Aphasiology Conference (CAC).
- 2010-12 Boisvert, M., Ph.D. (May 2012). Member of doctoral dissertation committee.
- 2011-12 Johnson, K., M.A. (May 2012). Mentored study of nouns and verbs in aphasic discourse. Johnson was awarded a 2012 NIH/NIDCD travel fellowship to attend and present our research at the 42nd annual Clinical Aphasiology Conference (CAC).
- 2011-12 Parker, J., M.A. (May 2012). Mentored study of pre-/post-treatment aphasic discourse. Parker was awarded a travel fellowship to attend a training workshop on AphasiaBank at CMU.
- 2010-11 Silva, N., M.A. (May 2011). Mentored study of AoS as complication in aphasia treatment.
- 2010-11 Burke, K., M.A. (May 2011). Mentored case series of script training in aphasia.
- 2009-11 Feinstein, C., B.A. (May 2011). Mentored independent studies examining the role of web-based video technology to provide access to family and friends and its impact on quality of life for residents of a local area nursing home. Feinstein was awarded a 2010-11 undergraduate research fellowship from the Center for Research on Families to investigate this topic.
- 2010-11 Marston, K., B.A. (May 2011). Mentored Honors Thesis investigating the reliability of a Stroke and Aphasia Quality of Life Scale with regard to repeated measures.
- 2009-10 Falcon, M., M.A. (May 2010). Mentored case study of bilingual aphasia treatment. Falcon was awarded a 2010 NIH/NIDCD travel fellowship to attend and present our research at the 40th annual CAC.
- 2008-09 Baldwin, K. M.A. (May 2009). Mentored case study of functional outcomes following intensive language treatment. Baldwin was awarded a 2009 NIH/NIDCD travel fellowship to attend and present our research at the 39th annual CAC.
- 2008-09 Tauer, C. M.A. (May 2009). Mentored case study of use of telepractice to maintain gains following intensive language treatment. Tauer was awarded a 2009 NIH/NIDCD travel fellowship to attend and present our research at the 39th annual CAC.
- 2008-09 Fothergill, K., B.A. (May 2009). Mentored Honors Thesis investigating the burden of Alzheimer's disease on caregivers.

2007-08 Blake, A., B.A. (May 2008). Mentored Honors Thesis investigating the effect of attention training on transactional success using conversation analysis.

Invited Professional Service

2013	Reviewer; Human Brain Mapping
2013	Reviewer; CUNY Collaborative Incentive Research Grant Program
2013	Reviewer; NIDCD Review Panel/Scientific Review Group-Clinical Trials Applications
2012; 2013	Reviewer; American Journal of Speech-Language Pathology
2012	Reviewer; Contemporary Issues in Communication Science and Disorders
2012	Reviewer; Journal of Speech, Language, and Hearing Research
2009; 2011; 2012	Reviewer; Aphasiology
2010	Reviewer; Topics in Stroke Rehabilitation
2008	Reviewer; Neuropsychological Rehabilitation

Other Service

2008 – present	Faculty Member, UMass Amherst Neuroscience and Behavior Program (Sensorimotor, Cognitive, and Computational Neuroscience group)
2008 – present	Member, UMass Amherst Human Imaging Group
2008 – present	Faculty Liaison, <i>The Pal Project</i> , a community service-learning project that connects residents in local area long-term care facilities with juniors and seniors in the Dept. of Communication Disorders
2009 – present	Faculty Liaison, <i>UMass Amherst Stroke Support Group</i> , a monthly gathering of stroke survivors to share resources and information on living with stroke and aphasia
2009 – present	Faculty Liaison, <i>UMass Amherst Walk for Aphasia</i> , an annual stroke and aphasia awareness and fundraising event
2011 – present	Faculty Liaison, <i>The Aphasia Pal Project</i> , a community service-learning project that connects local area individuals with aphasia with seniors in the Dept. of Communication Disorders
2011 – present	Dept. Representative, MSP
2011 – 13	Member, Graduate SLP Program Admissions Committee
2010 – 11	Member, UMass Amherst Neuroscience and Behavior Program Admissions Committee
2010 – 11	Member, Clinical Advisory Board
2010 – 11	Chair, Leadership Conference Committee
2009 – 10	Member, Leadership Conference Committee