***Topics in Language Disorders* Jan-March 2021**

**Author Disclosures**

**Article Title: “Measuring change at the discourse level following conversation treatment: Examples from mild and severe aphasia”**

**Author Disclosures:**

Gayle DeDe, PhD, CCC-SLP

**Financial**: Dr. Gayle DeDe disclosed that she received two payments through an ongoing financial relationship with Temple University. She also disclosed an ongoing financial relationship with Boston University. Dr. DeDe is the editor of the *Journal of Communication Disorders*. Dr. DeDe disclosed that funding was received by the National Institutes of Health (NIH) for research for which the article was based. She disclosed that the article’s co-author, Dr. Elizabeth Hoover, is the President of Aphasia Access.

**Nonfinancial**: Dr. Gayle DeDe is an Associate Professor of Research in the Department of Communication Sciences and Disorders at Temple University and the Director of the Philadelphia Aphasia Community at Temple. Gayle has over 15 years experience working with people who have aphasia in clinical and research settings.

Elizabeth Hoover, Ph.D., CCC/SLP, BC-ANCDS

**Financial**: Dr. Elizabeth Hoover has no financial relationships to disclose.

**Nonfinancial**: Dr. Elizabeth Hoover is a Clinical Associate Professor of Speech, Language and Hearing Sciences and the Clinical Director of the Aphasia Resource Center at Boston University. She holds board certification from the Academy of Neurologic Communication Disorders and Sciences (ANCDS). Dr. Hoover has over 24 years of experience working with individuals with aphasia and other communication disorders across the continuum of care. She has contributed to numerous presentations and publications including topics on the effectiveness of intensive intervention for aphasia, and the effectiveness of group treatment for aphasia. Dr. Hoover is the President of Aphasia Access.

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**Article Title: “Augmenting Communicative Environments for People with Acquired Neurogenic Disorders: Exploring Situated Discourse Analysis”**

**Author Disclosures:**

Julie A. Hengst, PhD, CCC-SLP

**Financial**: Dr. Julie A. Hengst has no financial relationships to disclose.

**Nonfinancial:** Dr. Julie A. Hengst is an Associate Professor (emerita) in Speech and Hearing Science at the University of Illinois at Champaign-Urbana, draws on sociocultural theories and ethnographic methods to study everyday communication practices among individuals with communication disorders and their community partners. She focuses on clients’ ongoing re-organization of functional communication systems after brain injuries (e.g., strokes, trauma). Her research has appeared in varied journals, and her recent book, Understanding Everyday Communicative Interactions, introduces situated discourse analysis (SDA) as a theoretical framework to guide researchers and clinicians in studying communicative interactions of those with communicative disorders in everyday and clinical settings.

Martha H. Sherrill, PhD, CCC-SLP/L-SLP

**Financial**: Dr. Martha H. Sherrill has no financial relationships to disclose.

**Nonfinancial:** Dr. Martha H. Sherrill is an Assistant Professor in Communication Sciences and Disorders within the Department of Health and Human Sciences at Southeastern Louisiana University. Dr. Sherrill’s research interests include the study of aphasia and its treatment across service delivery sites and settings and designing interventions that incorporate activities and interventions of daily life into rehabilitation.

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**Article Title: “Narrative Discourse Intervention after Traumatic Brain Injury: A Systematic Review of the Literature”**

**Author Disclosures:**

Joanne Steel PhD

**Financial**: Dr. Joanne Steel has no financial relationships to disclose.

**Nonfinancial**: Dr. Joanne Steel is a Lecturer in adult neurogenic communication disorders at The University of Newcastle, NSW. Her research interest is in the assessment and management of cognitive and social communication disorders after traumatic brain injury (TBI) particularly for people with severe injury who are in the early stages of recovery.

Elise Elbourn PhD

**Financial**: Dr. Elise Elbourn has no financial relationships to disclose.

**Nonfinancial**: Dr. Elise Elbourn is a Lecturer at The University of Sydney. Elise is a Speech Pathologist with over a decade of clinical experience. Dr. Elbourn’s research aims to improve communication support for people affected by acquired brain injury. She is specifically interested in traumatic brain injury, discourse-level communication and longitudinal research. Dr. Elbourn is a member of Speech Pathology Australia, the Talkbank group, ASSBI and the Acquired Brain Injury Communication Lab at the University of Sydney. Dr. Elbourn is the lead author of the ‘TBIBank Grand Rounds’ online learning module, which promotes improved Speech Pathology care for individuals with a TBI.

Leanne Togher PhD

**Financial**: Professor Leanne Togher has no financial relationships to disclose.

**Nonfinancial**: Professor Leanne Togher is a full Professor at The University of Sydney, Australia, and Australian National Health and Medical Research Council (NHMRC) Senior Research Fellow. Her work focuses on enabling access to healthcare, education and supports for people with brain injury and their families using digital health solutions.

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**Article Title: “Predicting Cognitive Impairment in Cerebrovascular Disease Using Spoken Discourse Production”**

**Author Disclosures:**

Angela C. Roberts, MA-SLP, PhD

**Financial**: Dr. Angela C. Roberts disclosed ongoing financial payment to her institution from the National Institutes of Health Ontario Brain Institute. Dr. Roberts disclosed that matching funds were provided by participant hospital (recruitment sites) and research institute foundations, including the Baycrest Foundation, Bruyère Research Institute, Centre for Addiction and Mental Health Foundation, London Health Sciences Foundation, McMaster University Faculty of Health Sciences, Ottawa Brain and Mind Research Institute, Queen’s University Faculty of Health Sciences, the Sunnybrook Foundation, the Thunder Bay Regional Health Sciences Centre, the University of Ottawa Faculty of Medicine, and the Windsor/Essex County ALS Association. The Temerty Family Foundation provided the major infrastructure matching funds. Dr. Roberts disclosed receipt of ongoing financial grant/payment to her institution from NIDCD 3 R01 DC012289-08S1 NIDCD 1R21DC017255-01 NIA 1R43AG0608 12-01 NIA R01AG055425 NIA AG13854. Dr. Roberts disclosed ongoing financial grant/payment to her institution from Northwestern University. Dr. Roberts disclosed past grant/payments from the Parkinson’s Foundation U.S.. Dr. Roberts disclosed two U.S. Patents for a wearable mechanoacoustic sensor, however no financial income resulting from these patents. Funding from the National Institutes of Health (NIH) was received for research for which this article is based.

**Nonfinancial**: Dr. Angela C. Roberts is an Assistant Professor in the Roxelyn and Richard Pepper Department of Communication Sciences and Disorders. She is a licensed Speech-language pathologist and has a Master’s in Communication Sciences and Disorders from the University of Tennessee, Knoxville and a PhD in Health and Rehabilitation Sciences from The University of Western Ontario, London, Ontario, Canada. Her research focuses on the development of clinical biomarkers of dementia and disease progression in neurodegenerative disorders.

Katharine Aveni, BA

**Financial:** Katharine Aveni has no financial relationships to disclose.

**Nonfinancial:** Katharine Aveni is a doctoral candidate in the Roxelyn and Richard Pepper Department of Communication Sciences and Disorders at Northwestern University. She completed her BA degree in Psychology and Cognitive Science at Rutgers University - New Brunswick. Her research focuses on the interaction of cognitive, language, and motor processes in aging adults and people with neurodegenerative diseases.

Shalane Basque, MSc.

**Financial:** Shalane Basque has no financial relationships to disclose.

**Nonfinancial:** Shalane Basque is the Research Coordinator in Sam Katz Community Health and Aging Research Unit at Western University. She has extensive experience with verbal discourse transcriptions, project management, quality assurance, and intervention implementation. Her research interests are in supporting informal and formal caregivers of persons living with dementia. She is interested in learning family caregivers’ goals and how their goals vary across the caregiving career. She is equally interested in teaching person-centered communication to Personal Support Workers.

Joseph B. Orange, PhD

**Financial:** Dr. Joseph B. Orange disclosed that he received two grants/payments from the Ontario Brain Institute (OBI) and this is a current ongoing financial relationship. Dr. Orange disclosed that his institution received grants/payments from OBI through a current financial relationship.

**Nonfinancial:**  Dr. Joseph B. Orange is a Professor in the School of Communication Sciences and Disorders at Western University. He is also the Scientific Director at the Canadian Center for Activity and Aging and an Associate Scientist at Lawson Health Research Institute, and he is affiliated with the Canadian Consortium on Neurodegeneration and Aging (CCNA) and the Ontario Neurodegenerative Research Initiative (ONDRI). He obtained his PhD at SUNY, Buffalo and completed his postdoctoral studies in Psychiatry at McMaster University. His research focuses on adult neurogenic language and cognitive communication disorders including dementia, aphasia, right hemisphere brain damage and traumatic brain injury.

Paula McLaughlin, PhD

**Financial:** Dr. Paula McLaughlin disclosed that she received one grant/payment from the Ontario Brain Institute (OBI) through an ongoing financial relationship.

**Nonfinancial:** Dr.Paula McLaughlin is the Neuropsychology Lead at Queen’s University for the Ontario Neurodegenerative Research Initiative (ONDRI) and a Clinical Neuropsychologist at Nova Scotia Health Authority. She obtained her PhD in clinical psychology at York University, internship in clinical neuropsychology at Emory University – School of Medicine, and postdoctoral fellowship in clinical neuropsychology at the University of California, Los Angeles. Her research focuses on attention, memory, and executive processing, as well as compensatory methods for cognitive decline in healthy aging and individuals with neurodegenerative conditions.

Joel Ramirez, PhD

**Financial:** Dr. Joel Ramirez disclosed that he received grants/payments in a past financial relationship and his institution received two grants/payments through a current financial relationship with the Ontario Brain Institute, an independent non-profit corporation, funded partially by the Ontario government. Matching funds were provided by participant hospital and research foundations, including the Baycrest Foundation, Bruyere Research Institute, Centre for Addiction and Mental Health Foundation, London Health Sciences Foundation, McMaster University Faculty of Health Sciences, Ottawa Brain and Mind Research Institute, Queen’s University Faculty of Health Sciences, the Thunder Bay Regional Health Sciences Centre, the University of Ottawa Faculty of Medicine, and the Windsor/Essex County ALS Association. The Temerty Family Foundation provided the major infrastructure matching funds.

**Nonfinancial:** Dr. Joel Ramirez is a Senior Research Associate with the L.C. Campbell Cognitive Neurology Research Unit at the Sunnybrook Research Institute’s Hurvitz Brain Sciences Program and the University of Toronto. He has developed, taught, and supervised the application of a comprehensive MRI-based neuroimaging volumetric extraction pipeline, called SABRE-Lesion Explorer, which is currently being implemented in ONDRI and in a number of on-going clinical trials examining neurovascular and neurodegenerative diseases. His research focuses on the use of neuroimaging techniques to examine the overlap and interaction between cerebral small vessel disease, Alzheimer’s disease and related dementias.

Angela K. Troyer, PhD

**Financial:** Dr. Angela K. Troyer has no financial relationships to disclose.

**Nonfinancial:**  Dr. Angela K. Troyer is program director of Neuropsychology and Cognitive Health; Professional Practice Chief of Psychology; Practicum Supervisor; Assistant Professor, University of Toronto; and Adjunct Faculty Member, York University. She obtained her PhD in neuropsychology from the University of Victoria and completed a postdoctoral research fellowship at the Rotman Research Institute of Baycrest Health Sciences. Her primary clinical interest is neuropsychological evaluation of MCI and dementia, and memory intervention in normal aging and MCI. Dr. Troyer’s research interests focus on memory changes in normal aging, MCI, and dementia; effectiveness of memory interventions; and relationship between executive functions and memory.

Stephanie Gutierrez, BSc

**Financial:** Stephanie Gutierrez has no financial relationships to disclose.

**Nonfinancial:** Stephanie Gutierrez is a doctoral candidate in the Roxelyn and Richard Pepper Department of Communication Sciences and Disorders at Northwestern University. She completed her Bachelor’s degree in Psychology at the University of Chicago. Her research interests include building models of speech production that account for differences across age groups, cognitive status, and various neurodegenerative disorders.

Angie Chen, BSc. Hon.

**Financial:** Angie Chen has no financial relationships to disclose.

**Nonfinancial:** Angie Chen is a student in the Feinberg School of Medicine at Northwestern University. She completed her Bachelor’s in Communication Sciences and Disorders at Northwestern University. She is interested in providing healthcare for immigrants and other underserved populations in the future.

Robert Bartha, PhD

**Financial:** Dr. Robert Bartha has no financial relationships to disclose.

**Nonfinancial:** Dr. Robert Bartha is a Scientist, Robarts Research Institute and Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, Western University. He is the Neuroimaging Co-lead for the Ontario Neurodegenerative Disease Research Initiative (ONDRI). He completed his PhD in medical biophysics at Western University. His research is focused on the development of high-field magnetic resonance imaging (MRI) and spectroscopy techniques for early diagnosis of disease and monitoring of treatment response. A major goal is to validate new imaging biomarkers of disease progression and build novel MRI tracers that highlight pathological

Malcolm A. Binns, PhD

**Financial:** Dr. Malcolm A. Binns has no financial relationships to disclose.

**Nonfinancial:** Dr. Malcolm A. Binns is an Assistant Professor at the Dalla Lana School of Public Health, University of Toronto, Toronto, Ontario, Canada. He is also a Statistician Scientist at the Rotman Research Institute. His statistical research interests include biostatistical methods in neuroscience applications, linear models, and correlated data analysis.

Sandra E. Black, MD

**Financial:** Dr. Sandra E. Black has no financial relationships to disclose.

**Nonfinancial:** Dr. Sandra E. Black is a Senior Scientist and Director of Hurvitz Brain Sciences Research Program at Sunnybrook Research Institute. She is also Professor of Institute of Biomaterials and Biomedical Engineering with cross-appointment in the Rehabilitation Sciences Institute at the University of Toronto. Her clinical research interests include mild cognitive impairment and Alzheimer’s disease, vascular cognitive impairment and cerebral small vessel disease, Parkinson’s disease, Lewy body spectrum disorder and frontotemporal dementia, apraxia and aphasia, stroke recovery, neuroimaging biomarkers and brain-behavior relationships.

Leanne K. Casaubon, MD

**Financial:** Dr. Leanne K. Casaubon has no financial relationships to disclose.

**Nonfinancial:**  Dr. Leanne K. Casaubon is an Assistant Professor in the Department of Medicine at the University of Toronto. She is a Clinician Investigator and Neurologist in the Division of Neurology and the Stroke Program at the Toronto Western Hospital (TWH)/ University Health Network, which is the Regional Stroke Centre for the Toronto West Stroke Region. She is also the Director of the TIA and Minor Stroke (TAMS) Unit at TWH. Her clinical research interests include stroke outcomes research (e.g., evaluating prognostic factors such as glucose, sex/ gender differences in stroke outcomes, and ethnic/ cultural aspects of stroke care and outcomes).

Dar Dowlatshahi, MD, PhD

**Financial:** Dr. Dar Dowlatshahi has no financial relationships to disclose.

**Nonfinancial:** Dr. Dar Dowlatshahi is a Senior Scientist in the Neuroscience Program at the Ottawa Hospital Research Institute and an Associate Professor of Medicine at the School of Epidemiology and Public Health at University of Ottawa. He is also the Stroke Neurologist at Ottawa Hospital. His clinical expertise includes intracerebral hemorrhage, neuroimaging, hyper-acute stroke, and acute stroke therapy.

Ayman Hassan, MD

**Financial:** Dr. Ayman Hassan disclosed that funding was received for research on which the article was based from the Ontario Neuro Degeneration Research Initiative, ONDRI. TBRHRI received from ONDRI funding for our expenditures/contributions, to match our investments (in kind and cash contributions).

**Nonfinancial:** Dr. Ayman Hassan’s current appointments and affiliations include Neurologist and Medical Lead, Stroke and Neurology Service, Thunder Bay Regional Health Sciences Centre and Assistant Professor, Neurology/Internal Medicine, Clinical Division, Northern Ontario School of Medicine. He received his MD from Ain Shams University Cairo Egypt. His research focuses on stroke and multiple sclerosis.

Donna Kwan, PhD

**Financial:** Dr. Donna Kwan has no financial relationships to disclose.

**Nonfinancial:**  Dr. Donna Kwan is a clinical neuropsychologist and is the Clinical Platform Lead at Queen’s University for the Ontario Neurodegenerative Research Initiative (ONDRI). She completed her MA and PhD in clinical neuropsychology at York University, and completed her predoctoral clinical internship at Rush University Medical Center in Chicago. During her PhD studies, she completed practicums at Baycrest Health Sciences, Toronto Rehabilitation Institute, and Sunnybrook Health Sciences Centre.

Brian Levine, PhD

**Financial:** Dr. Brian Levine disclosed that his institution received two payments in a current financial relationship with the Canadian Institutes of Health Research. Dr. Levine disclosed that he received payment in a past financial relationship with the University of Cambridge.

**Nonfinancial:** Dr. Brian Levine is a Senior Scientist, Rotman Research Institute at Baycrest Health Sciences; Professor, Psychology and Medicine (Neurology), University of Toronto; Baycrest Site Leader, Canadian Partnership for Stroke Recovery; and clinical neuropsychologist. He’s interested in the function and dysfunction of large-scale neural systems as expressed in complex human behaviors, including episodic and autobiographical memory and executive functioning. His research is focused on developing empirically supported measures of naturalistic mnemonic and executive processes and using these to inform both theory and clinical practice. Dr. Levine uses novel assessment techniques, coupled with multimodal neuroimaging in his research.

Jennifer Mandzia, MD, PhD

**Financial:** Dr. Jennifer Mandzia has no financial relationships to disclose.

**Nonfinancial:**  Dr. Jennifer Mandzia is an Assistant Professor of Neurology, Western University and Co-Medical Director, Southwestern Ontario Stroke Network. She obtained her PhD in neuroscience from the University of Toronto. Her doctoral thesis was on functional MRI (fMRI) in patients with mild cognitive impairment and structural neuroimaging correlates. She obtained her MD from the University of Ottawa and completed her neurology training at Western University. She then completed a one-year stroke fellowship at the University of Calgary, Calgary Stroke Program. Her research interests include cognition in stroke, minor stroke and Transient Ischemic Attack (TIA), stroke in the young, and acute stroke.

Demetrios J. Sahlas, MD

**Financial:** Dr. Demetrios J. Sahlas has no financial relationships to disclose.

**Nonfinancial:** Dr. Demetrios J. Sahlas is MG DeGroote Professor in Stroke Management, Department of Medicine, Faculty of Health Sciences, McMaster University; Associate Professor, Division of Neurology, Department of Medicine, McMaster University; and Central South Regional Stroke Centre, Hamilton General Hospital, Hamilton Health Sciences. He obtained his MD from McMaster University and completed his postgraduate training in neurology at McGill University. His research interests include: diagnosis and management of carotid artery disease, use of transcranial doppler ultrasound in the prevention and treatment of cerebrovascular disease, and cognitive and neuropathological correlates of chronic microvascular ischemic changes involving the periventricular and subcortical white matter.

Christopher J.M. Scott, MSc

**Financial:** Christopher J.M. Scott has no financial relationships to disclose.

**Nonfinancial:** Christopher J.M. Scott is the manager of the Brain Imaging Analysis lab of the Linda C. Campbell Cognitive Neurology Research Unit at Sunnybrook Health Sciences Centre. Mr. Scott has worked at Sunnybrook for the past 15 years, focusing on the processing and analysis of structural neuroimaging data, having coauthored more than 35 journal articles. He has worked on the ONDRI project since its inception, assisted in the development of the project’s neuroimaging protocol, and currently curates the structural imaging data

Stephen Strother, PhD

**Financial:** Dr. Stephen Strother has no financial relationships to disclose.

**Nonfinancial:** Dr. Stephen Strother is a Senior Scientist, Rotman Research Institute, Baycrest and Professor, Department of Medical Biophysics, University of Toronto. He is the Neuroinformatics/Brain-CODE Lead for the Ontario Neurodegenerative Disease Research Initiative (ONDRI). Dr. Strother obtained his PhD at the Montreal Neurological Institute, McGill University. His research is directed at developing and testing a set of optimal experimental planning and analysis tools for neuroimaging researchers that are coupled with his own, and others’, state-of-the-art neuroimaging research databases.

Kelly M. Sunderland, MSc

**Financial:** Kelly M. Sunderland has no financial relationships to disclose.

**Nonfinancial:** Kelly M. Sunderland is a Research Biostatistician at the Rotman Research Institute, Baycrest Health Sciences. She is interested in exploring multivariate statistical approaches to uncover complex patterns in data, and using effective visualizations to communicate results. As a member of the Neuroinformatics and Biostatistics (NIBS) platform, she has contributed to the development and execution of the Standards & Outliers process, a quality control approach for all ONDRI data.

Sean Symons, MD

**Financial:** Dr. Sean Symons has no financial relationships to disclose.

**Nonfinancial:**  Dr. Sean Symons’ current appointments include Associate Professor of Medical Imaging and Otolaryngology – Head and Neck Surgery, University of Toronto; Radiologist-in-Chief, Sunnybrook Health Sciences Centre; and Affiliate Scientist, Sunnybrook Research Institute. He completed his MD at the University of Toronto, residency in diagnostic radiology at Queen’s University, and fellowship in neuroradiology at Harvard University and Massachusetts General Hospital. His research focuses are neurodegenerative, head and neck imaging for cancer and otology, stroke imaging, brain tumor imaging, and neurovascular imaging by computed tomography and magnetic resonance.

Richard Swartz, MD, PhD

**Financial:** Dr. Richard Swartz disclosed that his institution received two grants/payments from Ontario Brain Institute in an ongoing financial relationship. Dr. Swartz disclosed that his institution received grants/payments from the Heart and Stroke Foundation of Canada Clinician-Scientist Phase II Award in an ongoing financial relationship. The Ontario Brain Institute provided funding for research for which the article was based.

**Nonfinancial:** Dr. Richard Swartz is a clinician-scientist whose appointments and affiliations include Stroke Neurologist, Sunnybrook Health Science Centre; Assistant Professor, Division of Neurology, Department of Medicine, University of Toronto; directing the Sunnybrook Stroke Research Unit; Medical Director, NE-GTA Regional Stroke Network; and Director, University of Toronto Stroke Program. He completed his MD and PhD training and neurology residency at the University of Toronto. He has clinical expertise in stroke neurology, cerebrovascular disease, vessel wall imaging, magnetic resonance imaging, gerontology, and neurodegenerative disorders.

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**Article Title: “Making Sense of Right Hemisphere Discourse Using RHDBank”**

**Author Disclosures:**

Jamila Minga, Ph.D., CCC-SLP

**Financial:** Dr. Jamila Minga disclosed that funding was received from the National Institutes of Health (NIH) for research on which the article is based.

**Nonfinancial:** Dr. Jamila Minga is an Assistant Professor in the Department of Communication Sciences and Disorders at North Carolina Central University and an Adjunct Assistant Professor, BIRCWH Scholar, and affiliate of the Department of Head and Neck Surgery and Communication Sciences at Duke University. She co-developed the RHDBank and is dedicated to exploring language use after RHD and identifying cognitive relationships for diagnostic purposes. Her other research interests include sociolinguistics, syntactic and semantic variation of language use, lesion patterning for communication related impairments, and rehabilitation outcomes.

Melissa Johnson, Ph.D., CCC-SLP

**Financial:** Dr. Melissa Johnson disclosed that she has an ongoing financial relationship with Nazareth College where she receives a salary.

**Nonfinancial:** Dr. Melissa Johnson is an Associate Professor in the Department of Communication Sciences and Disorders at Nazareth College in Rochester, NY. Her research interests include the cognitive-communication deficits resulting from right hemisphere brain damage (RHD), and the use of co-delivered music and language therapy for the treatment of aphasia and other acquired speech and language disorders in adults. She co-developed the RHDBank for the systematic exploration of cognitive-communication disorders after RHD. She is the co-creator of RightHemisphere.org, a website designed to provide education and resources about RHD. She also co-leads support groups for people with RHD and people with aphasia.

Margaret Blake, Ph.D., CCC-SLP,

**Financial:** Dr. Margaret Blake, was a consultant on the development of the RHDBank. Dr. Blake was also the co-creator of Righthemisphere.org website, which is mentioned in the article. Dr. Blake is the Publications Editor for the International Cognitive-Communication Disorders conference which is mentioned in the article.

**Nonfinancial:** Dr. Margaret Lehman Blake is a Professor at the University of Houston. Her research focuses on cognitive-communication disorders associated with right hemisphere brain damage (RHD) to understand the underlying deficits and to develop treatments. She has authored numerous articles, chapters, and a book about RHD. She is the co-creator of RightHemisphere.org, a website designed to provide education and resources to patients, families, and clinicians. She has presented nationally and internationally on evidence-based practice for disorders associated with RHD. She served as the President of the Academy of Neurologic Communication Disorders & Sciences (ANCDS).

Davida Fromm, PhD

**Financial:** Dr. Davida Fromm receives ongoing grants/payments to her institution from the National Institute on Deafness and Other Communication Disorders (NIDCD).

**Nonfinancial:** Dr.Davida Fromm is a Research Professor of Psychology at Carnegie Mellon University, where she has worked on the AphasiaBank project since its initial funding in 2007. She oversees the other adult clinical language banks that have been developed as part of the TalkBank system for the study of communication skills in dementia, right hemisphere disorder, and traumatic brain injury. Her work includes improving computer-based tools for language transcription and analysis. Career research interests have focused on aphasia, dementia, and apraxia of speech. University teaching has primarily included classes on research methods, linguistics and phonetics, and diagnostics.

Brian MacWhinney, PhD

**Financial:** Dr. Brian MacWhinney disclosed that funding was received from the National Institutes of Health (NIH) for research on which the article is based.

**Nonfinancial:**  Dr. Brian MacWhinney is Teresa Heinz Professor of Psychology, Computational Linguistics, and Modern Languages at Carnegie Mellon University. His Unified Competition Model analyzes first and second language learning as aspects of a single basic system. He has developed a series of 13 TalkBank open access online databases for the study of language learning, multilingualism, and language disorders. The databases for language disorders include AphasiaBank, ASDBank, DementiaBank, FluencyBank, RHDBank, and TBIBank. These databases provide transcriptions of spoken language linked to audio and video media, along with programs for analysis and linguistic profiling. His other research topics include methods for online learning of second language vocabulary and grammar, neural network modeling of lexical development, fMRI studies of children with focal brain lesions, ERP studies of between-language competition, and the role of embodied perspectival imagery in sentence processing.