

EMILY L. CODERRE, PH.D.

Associate Professor

Department of Communication Sciences and Disorders
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EDUCATION AND RESEARCH EXPERIENCE

- 2023 – present **Associate Professor**
Department of Communication Sciences and Disorders
Secondary Appointments: Department of Neurological Sciences, Department of Psychological Sciences
University of Vermont, Burlington, VT
- 2017 – 2023 **Assistant Professor**
Department of Communication Sciences and Disorders
Secondary Appointments: Department of Neurological Sciences, Department of Psychological Sciences
University of Vermont, Burlington, VT
- 2015 – 2017 **Distinguished Science of Learning Postdoctoral Fellow**
Science of Learning Institute
Johns Hopkins University School of Medicine, Baltimore, MD
Mentors: Barry Gordon (Department of Neurology), Nancy Madden (School of Education)
- 2013 – 2017 **Postdoctoral Fellow**
Division of Cognitive Neurology/Neuropsychology, Department of Neurology
Johns Hopkins University School of Medicine, Baltimore, MD
- 2009 – 2012 **Ph.D., Cognitive Psychology**
University of Nottingham, Nottingham, UK
Thesis: *Exploring the Cognitive Effects of Bilingualism: Neuroimaging Investigations of Lexical Processing, Executive Control, and the Bilingual Advantage*
Supervisors: Walter van Heuven and Kathy Conklin
- 2011 – 2012 **Guest Researcher**
Brain Imaging and Modeling Section, National Institute of Deafness and Other Communication Disorders (NIDCD)
National Institutes of Health (NIH), Bethesda, MD
Host: Barry Horwitz
Project Title: *Mapping the Bilingual Executive Control Network*
- 2008 – 2009 **M.Sc., with Distinction, Cognitive Neuroscience and Neuroimaging**
University of Nottingham, Nottingham, UK
Thesis: *SOA Manipulations of the Stroop Task: Behavioural and ERP Evidence*
- 2007 – 2008 **Research Project Manager**
Clinical Neuroscience Research Unit, University of Vermont, Burlington, VT

- 2006 – 2007 **Research Coordinator**
Clinical Neuroscience Research Unit, University of Vermont, Burlington, VT
- 2002 – 2006 **B.A., cum laude, Psychology**
University of Vermont, Burlington, VT
Thesis: *A Brain fMRI Study of Language Processing in Native Japanese Speakers*

PEER-REVIEWED PUBLICATIONS

- Pellegrino-Wood, J., O'Donnell, E., Cohn, N. & **Coderre, E.L.** (In Preparation). Semantic and syntactic processing of visual narratives in individuals with autism spectrum disorder: An ERP study.
- Kubinski, S., Cohn, N., Brothers, T., & **Coderre, E.L.** (Under Review). Cloze probability in visual and linguistic narrative comprehension in individuals with autism spectrum disorder.
- Hutchins, T.L. & **Coderre, E.L.** (In Press). Review of the IMPACT Social Communication Rating Scale. *Mental Measurements Yearbook*.
- Coderre, E.L.** (2023). Teaching Compassion. *National Teaching and Learning Forum*, 33(1), 1-3.
- Coderre, E.L.** & Cohn, N. (2023). Individual differences in the neural dynamics of visual narrative comprehension: The effects of proficiency and age of acquisition. *Psychonomic Bulletin and Review*.
<https://doi.org/10.3758/s13423-023-02334-x>.
- Coderre, E.L.** (2022). Teaching Psychometrics: The Importance of Validity in Assessment Design. *College Teaching*, 1-5. <https://doi.org/10.1080/87567555.2022.2119929>.
- Han, Y., Rizzo, D., Hanley, J., **Coderre, E.L.**, & Prelock, P. (2022). Identifying neuroanatomical and behavioral features for autism spectrum disorder diagnosis in children using machine learning. *PLoS ONE* 17(7): e0269773. <https://doi.org/10.1371/journal.pone.0269773>.
- Curl, A. & **Coderre, E.L.** (2022). The Time-Locked Neurodynamics of Semantic Processing in Autism Spectrum Disorder: An EEG Study. *Cognitive Neurodynamics*, 16(1), 43–72. doi: 10.1007/s11571-021-09697-8.
- O'Rourke, E. & **Coderre, E.L.** (2021). Implicit semantic processing of linguistic and non-linguistic stimuli in adults with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 51(8), 2611-2630.
- Coderre, E.L.**, O'Donnell, E., O'Rourke, E., & Cohn, N. (2020). Predictability modulates neurocognitive semantic processing of non-verbal narratives. *Scientific Reports*, 10(10326). <https://doi.org/10.1038/s41598-020-66814-z>.
- Schubert, T., Rothlein, D., Brothers, T., **Coderre, E.L.**, Ledoux, K., Gordon, B. & McCloskey, M. (2020). Lack of awareness despite complex visual processing: Evidence from event-related potentials in a case of selective metamorphopsia. *Proceedings of the National Academy of Sciences*, 117(27), 16055-16064.
- Coderre, E.L.** (2020). Dismantling the “Visual Ease Assumption”: A Review of Visual Narrative Processing in Clinical Populations. *Topics in Cognitive Science*, 12(1), 224-255.
- Coderre, E.L.**, Chernenok, M., O'Grady, J., Bosley, L., Gordon, B., & Ledoux, K. (2019). Implicit Measures of Receptive Vocabulary Knowledge in Individuals with Level 3 Autism. *Cognitive and Behavioral Neurology*, 32(2), 95-119.
- Coderre, E.L.**, Cohn, N., Slipper, S., Chernenok, M., Ledoux, K. & Gordon, B. (2018). Visual and linguistic narrative comprehension in autism spectrum disorders: Neural evidence for modality-independent impairments. *Brain & Language*, 186, 44-59.
- Coderre, E.L.** (2018). A semantic priming event-related potential (ERP) task to study lexico-semantic and visuo-semantic processing in autism spectrum disorder. *Journal of Visualized Experiments*, (134), e57217, doi: 10.3791/57217.
- Coderre, E.L.**, Chernenok, M., Gordon, B., & Ledoux, K. (2017). Linguistic and Non-Linguistic Semantic

Processing in Individuals with Autism Spectrum Disorders: An ERP Study. *Journal of Autism and Developmental Disorders*, 47(3), 795-812.

- Ledoux, K., **Coderre, E.L.**, Bosley, L.V., Buz, E. Gangopadhyay, I., & Gordon, B. (2016). The Concurrent Use of Three Implicit Measures (Eye Movements, Pupillometry, and Event-Related Potentials) To Assess Receptive Vocabulary Knowledge in Normal Adults. *Behavior Research Methods*, 48(1), 285-305.
- Coderre, E.L.**, Smith, J., van Heuven, W.J.B. & Horwitz, B. (2016). The Functional Overlap of Executive Control and Language Processing in Bilinguals. *Bilingualism: Language and Cognition*, 19(3), 471-488.
- Coderre, E.L.** & van Heuven, W.J.B. (2014). The Effect of Script Similarity on Executive Control in Bilinguals. *Frontiers in Psychology*, 5(1070), 1-16.
- Coderre, E.L.** & van Heuven, W.J.B. (2014). Electrophysiological Explorations of the Bilingual Advantage: Evidence from a Stroop Task. *PloS One*, 9(7), e103424.
- Coderre, E.L.** & van Heuven, W.J.B. (2013). Modulations of the Executive Control Network by Stimulus Onset Asynchrony in a Stroop Task. *BMC Neuroscience*, 14(79), 1-18.
- Coderre, E.L.**, van Heuven, W. & Conklin, K. (2013). The Timing and Magnitude of Stroop Interference in Monolinguals and Bilinguals. *Bilingualism: Language and Cognition*, 16(2), 420-441.
- Newhouse, P., Kellar, K., Aisen, P., White, H., Wesnes, K., **Coderre, E.L.**, Pfaff, A., Wilkins, H., Howard, D. & Levin, E.D. (2012). Nicotine Treatment of Mild Cognitive Impairment: A Six-Month Double-Blind Pilot Clinical Trial. *Neurology*, 78, 91-101.
- van Heuven, W.J.B., Conklin, K., **Coderre, E.L.**, Guo, T., & Dijkstra, T. (2011). The Influence of Script Similarity on Intralingual and Interlingual Stroop Effects in Trilinguals. *Frontiers in Psychology*, 2, 1-15.
- Coderre, E.L.**, Conklin, K., van Heuven, W. J.B. (2011). Electrophysiological Measures of Conflict Detection and Resolution in the Stroop Task. *Brain Research*, 1413, 51-59.
- Newhouse, P.A., Dumas, J., Wilkins, H., **Coderre, E.L.**, Sites, C.K., Naylor, M., Benkelfat, C. & Young, S.N. (2010). Estrogen Treatment Impairs Cognitive Performance Following Psychosocial Stress and Monoamine Depletion in Postmenopausal Women. *Menopause: The Journal of the North American Menopause Society*, 17(4), 860-873.
- Coderre, E.L.**, Filippi, C., Newhouse, P. & Dumas, J. (2009). Ichi, Ni, Three, Four: Neural Representation of Kana, Kanji and Arabic Numbers in Native Japanese Speakers. *Brain and Cognition*, 70(3), 289-296.
- Coderre, E.L.**, Filippi, C., Newhouse, P. & Dumas, J. (2008). The Stroop Effect in Kana and Kanji Scripts in Native Japanese Speakers: An fMRI Study. *Brain and Language*, 107(2), 124-132.

BOOK CHAPTERS

- Manfredi, M. & **Coderre, E.L.** (Submitted). Electrophysiology of semantic processing in ASD. In *Neurobiology of Autism Spectrum Disorders*. New York: Springer.
- Coderre, E.L.** (2020). Visual Narrative Comprehension. In F. Volkmar (Ed.), *The Encyclopedia of Autism Spectrum Disorders* (Second Edition). New York: Springer.
- Coderre, E.L.** & Dien, J. (2017). Electroencephalogram. In A. Wenzel (Ed.), *The SAGE Encyclopedia of Abnormal and Clinical Psychology* (pp. 1293-1295). SAGE Publications, Inc.
- van Heuven, W.J.B. & **Coderre, E.L.** (2015). Orthographic Processing in Bilinguals. In J. Schwieter (Ed.), *The Cambridge Handbook of Bilingual Processing* (pp. 308-326). UK: Cambridge University Press.
- Coderre, E.L.** (2015). The Neuroscience of Bilingualism: Cross-Linguistic Influences and Cognitive Effects. In J.E. Warnick & D. Landis (Eds.), *Neuroscience in Intercultural Contexts* (pp. 73-116). New York: Springer.

COMMENTARIES AND PERSPECTIVES

van Heuven, W.J.B. & **Coderre, E.L.** (2015). A call for sophisticated statistical approaches and neuroimaging techniques to study the bilingual advantage. *Cortex* (73), 330-331.

Plante, T.B., Iberri, D.J., & **Coderre, E.L.** (2015). Building a modern journal club: The Wiki Journal Club experience. *Journal of Graduate Medical Education*, 7(3), 341-343.

AWARDS AND RESEARCH SUPPORT

- 2022-2025 Department of Defense (DoD) Autism Research Program (ARP) Career Development Award
Project Title: *Dismantling the "Visual Ease Assumption: Cross-Modal Examinations of Narrative Comprehension in Individuals with Autism*
Role: PI
- 2022-2024 Patient-Centered Outcomes Research Institute (PCORI) Engagement Award: Capacity Building
Project Title: *Increasing Capacity for Autism Research in a Rural State: Co-Creation of Engagement Tools*
Role: PI
- 2022-2023 Patient-Centered Outcomes Research Institute (PCORI) Engagement Award: Stakeholder Convening Support
Project Title: *Perspective of local autism stakeholders on the healthcare transition to adult services in Vermont*
Role: Co-Investigator (PI: Prelock)
- 2021-2026 National Institutes of Health
Project Title: *The Healthy Brain and Child Development (HBCD) National Consortium*
Role: Co-Investigator (PI: Potter)
- 2021-2022 Neuroscience Alumni Research Award
Project Title: *Attention to speech in individuals with or at risk for autism spectrum disorder*
Role: Mentor
Student: Carolyn D'Auria
- 2019-2020 University of Vermont REACH Grant
Project Title: *What happens next? Predictive abilities during linguistic and visual narrative comprehension in individuals with autism spectrum disorders*
Role: PI
- 2018-2019 Research Incentive Grant Program, College of Nursing and Health Sciences, University of Vermont
Project Title: *Semantic processing of linguistic and non-linguistic stimuli in children with autism spectrum disorder (ASD)*
Role: PI
- 2018 Office of the Vice President for Research Early Extra Promotion of Research & Scholarly Success (OVPR EXPRESS) Grant Program, University of Vermont
Project Title: *Visual narratives to study narrative comprehension abilities in individuals with autism spectrum disorder (ASD)*
Role: PI
- 2015 – 2017 Distinguished Science of Learning Fellowship, Science of Learning Institute, Johns Hopkins University

Project Title: *An Interdisciplinary Approach to Improving Reading Comprehension in High-Functioning Individuals with Autism*

Role: Fellow

Mentors: Barry Gordon (Department of Neurology), Nancy Madden (School of Education)

- 2015 Travel Award, American Neurological Association
For attendance at the 2015 American Neurological Association Meeting, Chicago, IL
- 2011 Building Experience and Skills Travel Scholarship (BESTS), Graduate School, University of Nottingham
Funding for two months of living and travel expenses during research visit to the National Institutes of Health (NIH)
- 2011 Brain Travel Grant
For attendance at the 2011 Workshop on Bilingualism, Aix-en-Provence, France
- 2011 Experimental Psychology Society Grindley Grant
For attendance at the 2011 Cognitive Neuroscience Society Meeting, San Francisco, CA
- 2010 Graduate School Travel Prize, University of Nottingham
For attendance at the 2010 Donostia Workshop on Neurobilingualism, San Sebastian, Spain
- 2010 Brain Travel Grant
For attendance at the 2010 Meeting of the Cognitive Neuroscience Society, Montreal, Canada
- 2008 – 2012 Friends of the University of Nottingham: America Scholarship
- 2005 Undergraduate Research Endeavors Competitive Awards (URECA!) Grant, University of Vermont
- 2005 Hughes Endeavor for Life Science Excellence (HELIX) Grant, University of Vermont

TEACHING EXPERIENCE

Graduate Level

- 2019 – present IHS 450: Professional Writing and Grantsmanship
University of Vermont, Burlington VT
(Taught online in Summer 2020)
- 2019 – present IHS 430: Seminar & Practicum in Health Professions Teaching
University of Vermont, Burlington VT
(Taught online in Spring 2021)
- 2017 – present IHS 401: Topics and Measurement in Interprofessional Health Science
University of Vermont, Burlington VT
- 2017 – present Graduate College Faculty Member

Undergraduate Level

- 2020 – 2021 CSD 299: Autism Spectrum Disorders: Issues in Assessment & Intervention
Co-taught with Patricia Prelock, Ph.D., CCC-SLP, BCS-CL
University of Vermont, Burlington, VT

- 2018 – present CSD 262: Measurement of Communication Processes
University of Vermont, Burlington VT
(Taught online in Spring 2020 and Spring 2021)
- 2018 – present Guest Lecturer, PSYS-296/NSCI-395: Introduction to Functional Neuroimaging
Topic: Electrophysiological Methods
University of Vermont, Burlington, VT
- 2017 – present CSD 281: Introduction to Cognitive Neuroscience
University of Vermont, Burlington VT
- 2014 Guest Lecturer, Psychology 202: Human Learning and Memory
Instructor: Jennifer McCabe, Ph.D.
Topic: Alzheimer’s Disease
Goucher College, Towson, MD
- 2010 Demonstrator: Prism Adaptation (2nd year Psychology module)
University of Nottingham, UK
- 2009 – 2011 Tutor for subsidiary students
University of Nottingham, UK
Modules: Cognitive Psychology, Biological Psychology
- 2009 – 2011 Demonstrator: Psychology Research Methods (1st year Psychology module) University
of Nottingham, UK

PEDAGOGICAL TRAINING

- 2019 Writing in the Disciplines Institute
University of Vermont, Burlington, VT
- 2017 Summer Teaching Institute
Johns Hopkins University, Baltimore, MD
- 2014 Teaching Fellow, Collaborative Teaching Fellows Program
Goucher College, Towson, MD
Psychology 252: Quantitative Research Methods
Instructor: Dara Friedman-Wheeler, Ph.D.
- 2014 Teaching Seminar Series, Collaborative Teaching Fellows Program
Towson University, Towson, MD

MENTORING EXPERIENCE

- 2023 – present Olivia Glasman, Undergraduate Research Assistant, University of Vermont
- 2023 – present Gwen Reichert, Undergraduate Research Assistant, University of Vermont
- 2023 – present Veronica Ruth, Undergraduate Research Assistant, University of Vermont
- 2023 – present Olivia Ciocca, Undergraduate Research Assistant, University of Vermont
- 2023 Kristina Fantoni, Undergraduate Research Assistant, University of Vermont
- 2022 – 2023 Katie Grenon, Ph.D. Student, University of Vermont
- 2021 – present Stasha Medeiros, Ph.D. Student, University of Vermont
- 2021 – present Carolyn D’Auria, Undergraduate Student, Master’s Student, University of Vermont
- 2021 – present Sarah Kubinski, Undergraduate Honors Student, Master’s Student, University of Vermont
- 2021 – 2022 Sam Pasqualoni, Undergraduate Student, University of Vermont

- Currently a Research Assistant at the Broad Institute
- 2021 – 2022 Julia Pellegrino-Wood, Undergraduate Thesis Student, University of Vermont
- 2019 Ashley Brien, Ph.D. Student, University of Vermont
- Currently an Assistant Professor at California State University San Marcos
- 2019 Nick Fontaine, Ph.D. Student, University of Vermont
- 2019 – 2020 Emma Rose Horowitz-McCadden, Ph.D. Student, University of Vermont
- 2019 – 2020 Indira Kulkarni, Undergraduate Honors Student, University of Vermont
- 2018 – 2021 Yu Han, Ph.D. Student, University of Vermont
- Currently a Postdoctoral Associate at the Broad Institute
- 2018 – 2020 Azilee Curl, Undergraduate Honors Student, University of Vermont
- 2018 – 2020 Reana Young-Morrison, Undergraduate Thesis Student, University of Vermont
- 2018 – 2019 Skylar Bouffard, Undergraduate Honors Student, University of Vermont
- 2017 – 2019 Emme O'Rourke, Master's Student, University of Vermont
- 2017 – 2019 Elizabeth O'Donnell, Undergraduate Honors Student, University of Vermont
- 2017 – 2018 Oluwatomi Akingbade, Undergraduate Student, University of Nottingham eMentoring
- 2016 – 2017 Alessandra Dallavecchia, Research Assistant, Johns Hopkins University
- Currently a PhD student in the Department of Psychology at the University of California, Los Angeles
- 2014 – 2015 Sally Slipher, Research Assistant, Johns Hopkins University
- 2013 – 2016 Mariya Chernenok, Research Assistant, Johns Hopkins University
- Currently a Research Scientist at Woebot Health

HONORS AND SCHOLARSHIPS

- 2020 Finalist, Kroepsch-Maurice Excellence in Teaching Award
University of Vermont
- 2019 Dean's Innovation in Teaching Award
College of Nursing and Health Sciences, University of Vermont
- 2010 Postgraduate Conference Award: Best Presentation
School of Psychology, University of Nottingham
- 2006 Phi Beta Kappa, University of Vermont
- 2003 – 2006 John Dewey Honors Program Scholar, University of Vermont

ADDITIONAL RESEARCH TRAINING AND PROFESSIONAL DEVELOPMENT

- 2022 Reviewer, Northern New England Clinical and Translational Research Network (NNE-CTR) Pilot Project Award
- 2022 Reviewer, High-End Instrumentation (HEI) S10 Special Emphasis Panel study section, National Institutes of Health (NIH)
- 2020 Early Career Reviewer, National Institutes of Health (NIH) Child Psychopathology and Developmental Disabilities (CPDD) study section
- 2015 – 2017 Training in media relations, science writing, translation of research into practice, and dissemination through Distinguished Science of Learning Fellowship, Johns Hopkins University
- 2016 Introduction to Applied Behavior Analysis and Special Education
Johns Hopkins University School of Education

- 2015 Introduction to Transcranial Direct Current Stimulation (tDCS) in Neuropsychiatric Research
Berenson-Allen Center for Noninvasive Brain Stimulation, Boston, MA
- 2015 Communicating Science workshop
American Association for the Advancement of Science (AAAS)
Workshop hosted by the Distinguished Science of Learning Fellowship, Johns Hopkins University
- 2015 Intern, Professional Development Office
Johns Hopkins Medical Institutions
Organized professional development panel, *Career Options for Diverse PhDs*
- 2007 Visiting Fellowship Program in Functional MRI
Athinoula A. Martinos Center for Biomedical Imaging, Boston, MA

PROFESSIONAL MEMBERSHIPS

- 2017 – present Member, Vermont Chapter of the Society for Neuroscience
- 2015 – present Full Member, International Society for Autism Research
- 2015 – present Member, Association for Women in Science
- 2015 – present Affiliate Member, National Postdoctoral Association
- 2013 – present Associate Member, Psychonomic Society
- 2013 – present Member, Women in Cognitive Science (WiCS)
- 2011 – present Member, Society for the Neurobiology of Language
- 2007 – present Member, Cognitive Neuroscience Society

SERVICE ACTIVITIES

- 2023 Associate Editor, *Frontiers in Language Sciences*
- 2019 – present Member, Committee on Inclusive Excellence, College of Nursing and Health Sciences, University of Vermont (Co-Chair from 2021-2022)
- 2019 – 2021 President and Co-Founder, Association for Women in Science (AWIS) Vermont Affiliate Group
- 2018 – present Member, Research Committee, College of Nursing and Health Sciences, University of Vermont (Chair from 2021-2022)
- 2017 – present Faculty Mentor, CSD Honor Society, University of Vermont
- 2016 – 2019 Abstract Reviewer, Society for the Neurobiology of Language
- 2016 – 2020 Abstract Reviewer, International Society for Autism Research
- 2015 – 2017 Postdoc Scientific Review Committee, Johns Hopkins Postdoctoral Association
- 2015 – 2016 Advisory Editor, Behavioral Sciences Section, *SpringerPlus*
- 2015 Review Committee, Collaborative Teaching Fellows Program, Professional Development Office, Johns Hopkins Medical Institutions
- 2010 – present Peer reviewer for academic journals, including: *Nature Scientific Reports; Journal of Cognitive Neuroscience; Cerebral Cortex; Cognition; Human Brain Mapping; Autism; Journal of Autism and Developmental Disorders; Bilingualism: Language and Cognition; Neuropsychologia; PLOS ONE; Frontiers*

NEUROIMAGING AND NEUROMODULATION HARDWARE EXPERIENCE

fMRI: Philips and Siemens systems

EEG: EGI systems

tDCS: NeuroConn systems

PROGRAMMING, EXPERIMENTAL, AND OFFICE SOFTWARE EXPERIENCE

Programming: Matlab, Unix Shell, Python, Java

Statistical software: R for Statistical Computing, SPSS

EEG software: NetStation, EEGLab

MRI software: FSL, Connectome Workbench, SPM, Marsbar, Pickatlas, BrainVoyager

Experimental software: E-Prime, Presentation, DMDX

Reference software: Mendeley, Endnote, LaTeX, BibTeX

Graphical Software: GIMP

Microsoft Office Software: Excel, Word, Powerpoint

CLINICAL AND NEUROPSYCHOLOGICAL TESTING EXPERIENCE

Autism Diagnostic Observation Schedule (ADOS-2)

Kaufman Brief Intelligence Test (K-BIT)

Picture Peabody Vocabulary Test (PPVT)

Expressive Vocabulary Test (EVT)

Wide Ranging Achievement Test (WRAT)

Mini-Mental State Exam (MMSE)

INVITED TALKS (past 5 years)

Coderre, E.L. (2023). Dismantling the “Visual Ease Assumption” in narrative comprehension in autistic individuals. Presented at the President’s Faculty Colloquium, University of Vermont.

Kubinski, S., Cohn, N., Brothers, T. & Coderre, E.L. (2023). Predictive abilities during sentence comprehension in autistic adults. Presented at the Meeting on Language in Autism, Durham, NC.

Coderre, E.L. (2023). Dismantling the “Visual Ease Assumption” in narrative comprehension in autistic individuals. Presented at the Eastern Association of Electroencephalographers (EAEEG) Annual Meeting, Burlington, VT.

Kubinski, S., Brothers, T., Cohn, N., & Coderre, E.L. (2022). Prediction during narrative comprehension in individuals with autism. Presented to the NeuroCognition of Language Lab, Tufts University.

Coderre, E.L. (2022). Semantic integration of linguistic and non-linguistic stimuli in individuals with autism. Presented to the Department of Neuroscience, University of Rochester Medical Center.

Coderre, E.L. (2021). Teaching Compassion in the Age of COVID-19. Presented at the International Teaching Learning Cooperative (ITLC) Lilly Online Conference.

Coderre, E.L. (2020). Electrophysiological measures of narrative comprehension in individuals with autism spectrum disorders. Presented at the Department of Neurological Sciences Grand Rounds, University of Vermont College of Medicine, Burlington, VT.

Coderre, E.L. (2019). Semantic integration of linguistic and non-linguistic stimuli in individuals with autism. Presented at the College of Nursing and Health Sciences Ziegler Forum, University of Vermont, Burlington, VT.

- Coderre, E.L., O'Donnell, E., O'Rourke, E. & Cohn, N. (2019). Predictive abilities during visual narrative comprehension in individuals with autism spectrum disorder. Presented at the Neuroscience, Health, and Behavior Forum, Vermont Chapter of the Society for Neuroscience, University of Vermont, Burlington, VT.
- O'Donnell, E., Cohn, N. & Coderre, E.L. (2018) The Roles of Semantic Relatedness and Narrative Structure in Narrative Comprehension in Individuals with ASD. In N. Cohn (Chair), *The cognitive systems of visual and multimodal narratives*. Symposium conducted at the meeting of the Cognitive Science Society, Madison, WI.

SELECTED CONFERENCE PRESENTATIONS (past 5 years)

- Medeiros, S., Cohn, N., & Coderre, E. (2023). Visual Narratives and Inference Generation in Individuals Across the Autism Spectrum. Poster presented at the Annual Meeting of the International Society for Autism Research, Stockholm, Sweden.
- Kubinski, S., Cohn, N., Brothers, T., & Coderre, E.L. (2022). Cloze Probability in Visual and Linguistic Narrative Comprehension in Individuals with Autism. Poster presented at the Annual Meeting of the International Society for Autism Research, Austin, TX and virtual.
- Coderre, E.L., Hutchins, T., Prelock, P.A., & Lewis, L. (2022). Me Reporting on Myself: Further Evidence in Support of the Validity of the Theory of Mind Inventory-Self Report When Completed By Autistic Adults. Poster presented at the Annual Meeting of the International Society for Autism Research, Austin, TX and virtual.
- Coderre, E.L. (2022). Teaching Psychometrics: The Importance of Validity in Assessment Design. Poster presented at the International Teaching Learning Cooperative (ITLC) Lilly Online Conference.
- Curl, A. & Coderre, E.L. (2021). The Time-Locked Neurodynamics of Semantic Processing in Autism Spectrum Disorder: An EEG Study. Poster presented at the Virtual Meeting of the Cognitive Neuroscience Society.
- Coderre, E.L., McCadden, E.R., & Cohn, N. (2020). Alpha power decreases during situation model construction: Neural evidence for the structure building framework. Poster presented at the Virtual Meeting of the Cognitive Neuroscience Society.
- Coderre, E.L., O'Donnell, E., O'Rourke, E. & Cohn, N. (2019). Predictability During Visual Narrative Comprehension. Poster presented at the Annual Meeting of the Society for the Neurobiology of Language, Helsinki, Finland.
- O'Donnell, E. & Coderre, E.L. (2019) The Roles of Semantic Relatedness and Narrative Structure in Visual Narratives in Autism Spectrum Disorder. Poster presented at the College of Nursing and Health Sciences Zeigler Forum, University of Vermont, Burlington, VT.
- Coderre, E.L., O'Donnell, E., O'Rourke, E. & Cohn, N. (2019) Predictive Abilities During Visual Narrative Comprehension in Individuals with Autism. Poster presented at the Annual Meeting of the International Society for Autism Research, Montreal, QC, Canada.
- O'Rourke, E. & Coderre, E.L. (2018) Implicit Semantic Processing of Linguistic and Non-Linguistic Stimuli in Adults with Autism Spectrum Disorder. Poster presented at the American Speech Hearing Association Convention, Boston, MA.