

CURRICULUM VITAE

Caitlin M. Hudac

October 8, 2017

Email: chudac@uw.edu

Website: <http://caitlinhudac.com/>

DEGREES AND EDUCATION

2014	Ph.D. in Psychology	University of Nebraska, Lincoln (Lincoln, NE)
2005	B.A. in Human Development	University of Chicago (Chicago, IL)

RESEARCH AND PROFESSIONAL EXPERIENCE

Senior Post-doctoral Fellow (PIs: Sara Jane Webb, Raphael Bernier) Psychophysiology and Behavioral Systems Lab, University of Washington	2014-present
Graduate Research Assistant (PI: Dennis Molfese) Developmental Brain Laboratory, University of Nebraska-Lincoln	2010-2014
Research Associate (PI: Kevin Pelphrey) Child Neuroscience Laboratory, Yale Child Study Center	2008-2010
Laboratory Manager (PI: Kevin Pelphrey) Laboratory for Developmental Cognitive Neuroscience, Carnegie Mellon University	2007-2008
Milieu Therapist Sonia Shankman Orthogenic School, University of Chicago	2005-2007

AWARDS & FELLOWSHIPS

Theodore Tjossem Postdoctoral Travel Award, 50 th Annual Gatlinburg Conference	2017
Top Oral Presentation, University of Washington Postdoctoral Association Research Symposium	2016
Dean's Fellowship, University of Nebraska-Lincoln	2014
Dean's Fellowship, University of Nebraska-Lincoln	2013
Fellowship, National Institute of Health AFNI Bootcamp (Director: Robert Cox)	2012
Fellowship, University of Nebraska-Lincoln Spatio-temporal workshop (Directors: Andrew Finley; Sudipto Banerjee)	2012
Fellowship, Ruhr-Universität Bochum (Bochum, Germany) Summer Institute on Neuronal Dynamics Approaches to Cognitive Robotics	2012
Fellowship, University of Maryland (College Park, MD) Summer Institute on Social Development Neuroscience	2012
Advancement of Neuro-Optometric Rehabilitation Award	2012
Fellowship, Martinos Center for Biomedical Imaging Multi-Modal 5-Day Intensive: Active Introduction to EEG/MEG, fMRI, High-Resolution MR and fMRI, NIRS, PET, and TMS. (Directed by Robert Savoy & Bruce Rosen)	2010
Fellowship, Yale Child Study Center Summer Institute on Autism Spectrum Disorders. (Directed by Ami Klin & Fred Volkmar)	2009

PENDING GRANTS

Hudac, C.M. (PI) Resubmission 2017

Developmental Trajectories of Infant Social Attention
NICHD K99/R00

The goal of this project is to define social attention during infancy to identify typical age-related patterns and trajectories associated with infants at-risk for developmental issues using eye tracking and electrophysiology.

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Hudac, C.M. (PI)

Submission 2017

Neuroendophenotypes of attention and social cognitive habituation associated with SCN2A mutations

Simons Foundation Autism Research Initiative (SFARI) Bridge to Independence Award

This project aims to characterize the underlying neural correlates of attention and social cognition of children with a *SCN2A* likely gene-disrupting mutation, one of the most penetrant single-gene mutations in autism.

COMPLETED GRANTS & SUPPORT

Travel Award, Office of Postdoctoral Affairs, University of Washington	2017
Warden Funds Travel Grant, Department of Psychology, University of Nebraska-Lincoln	2014
RAC Research Funding, Department of Psychology, University of Nebraska-Lincoln	2013
Warden Funds Travel Grant, Department of Psychology, University of Nebraska-Lincoln	2013
Warden Funds Travel Grant, Department of Psychology, University of Nebraska-Lincoln	2012
Warden Funds Travel Grant, Department of Psychology, University of Nebraska-Lincoln	2011
Warden Funds Travel Grant, Department of Psychology, University of Nebraska-Lincoln	2010
National Science Foundation (NSF) Graduate Research Fellowship, Honorable Mention	2010

PUBLICATIONS

1. **Hudac, C.M.***, Cortesa, C.S.*, Ledwidge, P.S., & Molfese, D.L. (accepted). History of concussion impacts electrophysiological correlates of working memory. *International Journal of Psychophysiology*.
2. Earl, R.K., Turner, T.N., Mefford, H.C., **Hudac, C.M.**, Gerds, J., Eichler, E.E., & Bernier, R.A. (2017). Clinical phenotype of *DYRK1A* haploinsufficiency distinct from idiopathic autism and other ASD-associated gene mutations. *Molecular Autism*.
3. Wallace, A.S., **Hudac, C.M.**, Berg, J., DesChamps, T.D., Steinman, K., & Bernier, R.A. (accepted). 16p11.2 triplication case study: A summary of neurodevelopmental, behavioral, and medical findings. *Clinical Case Reports*.
4. **Hudac, C.M.**, Stessman, H.A., DesChamps, T.D., Kresse, A., Faja, S., Neuhaus, E., Webb, S.J., Eichler, E.E., & Bernier, R.A. (2017). Exploring the heterogeneity of neural social indices for genetically-distinct etiologies of autism. *Journal of Neurodevelopmental Disorders*, 9(1), 24.
5. Ackerman, S.F., Schoenbrun, S., **Hudac, C.M.**, & Bernier, R.A. (2017). Interactive effects of prenatal antidepressant exposure & likely gene disrupting mutations on the severity of autism spectrum disorder. *Journal of Autism and Developmental Disorders*, pp. 1-8.
6. Bernier, R., **Hudac, C.M.**, Chen, Q., Zeng, C., Wallace, A.S., Gerds, J., Earl, R., Berg, J., Wolken, A., Peters, A., Hanson, E., Goin-Kochel, R.P., Kanne, S., Snyder, L.G., & Chung, W.K. on behalf of the Simons VIP consortium. (2017). Developmental trajectories for young children with 16p11.2 copy number variation. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*.
7. Skinner, A.S. & **Hudac, C.M.** (2017) "Yuck, you disgust me!" Affective bias against interracial couples. *Journal of Experimental Social Psychology*, 68, 68-77.
8. **Hudac, C.M.***, Kresse, A.*, Aaronson, B., DesChamps, T.D., Webb, S.J., & Bernier, R.A. (2015). Modulation of mu attenuation to social stimuli in children and adults with 16p11.2 deletions and duplications. *Journal of Neurodevelopmental Disorders*. 7(1), 1.
9. Higdon, R.*, Kincade Earl, R.*, Stanberry, L., **Hudac, C.M.**, Montague, E., Bernier, R.A., & Kolker, E. (2015). The promise of multi-omics and clinical data integration to identify and target personalized healthcare approaches in Autism Spectrum Disorders. *OMICS: A Journal of Integrative Biology*, 2015.
10. Nolte, T., Bolling, D.Z., **Hudac, C.M.**, Fonagy, P., Mayes, L., & Pelphrey, K.A. (2013). Brain mechanisms underlying the impact of attachment-related stress on social cognition. *Frontiers in Human Neuroscience*, 7:816. doi: 10.3389/fnhum.2013.00816
11. Molfese, D.L., Ivanenko, A., Key, F., Roman, A., Molfese, V.J., O'Brien, L.M., Gozal, D., Kota, S., & **Hudac, C.M.** (2013). A One-Hour Sleep Restriction Impacts Brain Processing in Young Children Across Tasks: Evidence From Brain Recordings. *Developmental Neuropsychology*, 38:5, 317-336, doi:10.1080/87565641.2013.799169.

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12. **Hudac, C.M.**, Kota, S., Nedrow, J.L., & Molfese, D.L. (2012). Neural mechanisms underlying neuro-optometric rehabilitation following traumatic brain injury. *Eye and Brain*. 2012:4, 1-12. doi: 10.2147/EB.S27290
13. Pelphrey, K.A., **Hudac, C.M.**, Shultz, S., & Vander Wyk, B.C. (2011). Research Review: Constraining Heterogeneity: The social brain and its development in autism. *Journal of Child Psychology and Psychiatry*. doi: 10.1111/j.1469-7610.2010.02349.x
14. Pitskel, N.B., Bolling, D.Z., **Hudac, C.M.**, Lantz, S.D., Minshew, N.J., Vander Wyk, B.C., & Pelphrey, K.P. (2011). Brain mechanisms for processing a social approach in autism. *Journal of Autism and Developmental Disorders*. doi: 10.1007/s10803-011-1197-x.
15. Kaiser, M. D., **Hudac, C. M.**, Shultz, S., Lee, S., Cheung, C., Berken, A. M., Deen, B., Pitskel, N. B., Sugrue, D. R., Voos, A. C., Saulnier, C. A., Ventola, P., Wolf, J.M., Klin, A., Vander Wyk, B. C., & Pelphrey, K. A. (2010). Neural signatures of autism. *Proceedings of the National Academy of Sciences*, 107, 49, 21223-21228.
16. Nolte, T., **Hudac, C.M.**, Mayes, L.C., Fonagy, P., Blatt, S.J., Pelphrey, K. (2010). The Effect of Attachment-Related Stress on the Capacity to Mentalize: An Fmri Investigation of the Biobehavioral Switch Model. *Journal of American Psychoanalytic Association*, 58, 3, 566-573.
17. Perlman, S.B., **Hudac, C.M.**, Pegors, T., Minshew, N.J., & Pelphrey, K.A. (2010). Experimental manipulation of face-evoked activity in the fusiform gyrus of individuals with autism. *Social Neuroscience*. 1747-1927.
18. Vander Wyk, B.C., Ramsay, G.J., **Hudac, C.M.**, Jones, W., Lin, D., Klin, A., & Pelphrey, K.A. (2010). Cortical integration of audio-visual information. *Brain and Cognition*, 74, 97-106.
19. Vander, Wyk, B.C., **Hudac, C.M.**, Carter, E.J., Sobel, D.M., & Pelphrey, K.A. (2009). Action understanding in the superior temporal sulcus region. *Psychological Science*, 20, 6, 771-777.

PUBLICATIONS UNDER REVIEW

1. **Hudac, C.M.**, Schutte, A.R., Webb, S.J., & Sommerville, J.A. (2017). *Infant knowledge of emotional consequences following a violation of expectations: Evidence from event-related potentials*.
2. **Hudac, C.M.**, Pospisil, J., & Sommerville, J.A. (2017). *Infant neural correlates of fairness expectations*.
3. **Hudac, C.M.** (2017) *Rapid dynamic modulation of ostracism neural responses following social priming*.
4. **Hudac, C.M.**, DesChamps, T.D., Arnett, A.B., Cairney, B.E., Ma, R., Webb, S.J., & Bernier, R.A. (2017) *Early and prolonged habituation to deviance sounds in autism spectrum disorder*.
5. **Hudac, C.M.**, Cortesa, C.S., & Cress, C.J. (2017). *Brief report: Dynamic newborn electrophysiological correlates associated with speech/language impairments at 3 years*.
6. Cortesa, C.S., **Hudac, C.M.**, & Molfese, D.L. (2017). *Dynamic effects of habituation and novelty detection on newborn event-related potentials*.
7. Bernier, R.A., **Hudac, C.M.**, Kincaid, R.E., Trinh, S., Booth-LaForce, C., & Guralnick, M. (2017). *Clinician derived social profiles predict play and friendships with peers in children with Autism Spectrum Disorder*.
8. Luhrs, K.*, Ward, T.,* **Hudac, C.M.**, Gerdtts, J., Stessman, H., Eichler, E.E., & Bernier, R.A. (2017). *Familial rates of psychiatric disorders in children with autism spectrum disorders identified with genetic mutations*.
9. Chernyavskiy, P., **Hudac, C.M.**, Marx, D.B., & Molfese, D.L. (2017). *A quantitative approach to the diagnosis of head injuries through a spatio-temporal model of the electrophysiological assessment of working memory*.

BOOKS AND CHAPTERS

1. Pelphrey, K.P., Vander Wyk, B.C., Shultz, S., & **Hudac, C.M.** (2014). Social brain function and its development: New insights into autism spectrum disorders. In J. McPartland, A. Kin, & F.R. Volkmar (Ed.), *Asperger Syndrome, Second Edition: Assessing and treating high-functioning autism spectrum disorders*. (pp. 415-440) New York, NY: Guilford Publications, Inc.

ORAL PRESENTATIONS AND INVITED TALKS

1. **Hudac, C.M.**, (September, 2017). Can a single trial be an ERP? Discussion of the feasibility of single-trial analyses. Presentation for the Human Electrophysiological Component core of the Center on Human Development and Disability at University of Washington in Seattle, WA.
2. **Hudac, C.M.**, DesChamps, T.D., Slattery, B., Ma, R., Wallace, A.S., Troiani, V., DiCriscio, A.S., Taylor, C., & Bernier, R.A. (May, 2017). Dynamic patterns of attention in children with rare SCN2A genetic variants. Oral presentation for symposium on “Building a phenotype: Discoveries of genetically distinct subtypes of ASD” at the annual International Meeting for Autism Research in San Francisco, CA.
3. **Hudac, C.M.** (May, 2017). Panel chair for symposium on “Building a phenotype: Discoveries of genetically distinct subtypes of ASD ” at the annual International Meeting for Autism Research in San Francisco, CA.
4. Earl, R.K., **Hudac, C.M.**, Gerdtts, J., & Bernier, R.A. (May 2017). Phenotypic presentation and the role of parental phenotype in accounting for variability in individuals with disruptive *DYRK1A* mutations. Oral presentation for symposium on “Autism with known genetic associations: Implications for ‘idiopathic’ autism” at the annual International Meeting for Autism Research in San Francisco, CA.
5. **Hudac, C.M.**, Pospisil, J., & Sommerville, J.A. (April, 2017). Infant brain correlates of fairness expectations. Oral presentation for symposium on “The Development of Social Fairness” at the biannual Society for Research in Child Development in Austin, TX.
6. **Hudac, C.M.** & Bernier, R.A. (March, 2017). EEG biomarkers of attention and learning associated with rare genetic variants. Oral presentation for symposium on “Electrophysiological Biomarkers of Risk Prediction and Outcome in Neurodevelopmental Disorders: Methodological considerations and insights gained from studies in ASD, ID and ADHD” at the Gatlinburg Conference in San Antonio, TX.
7. **Hudac, C.M.**, Pospisil, J., & Sommerville, J.A. (November, 2016). Infant brain correlates of fairness expectations. Oral presentation for University of Washington Postdoctoral Association Annual Research Symposium in Seattle, WA.
8. **Hudac, C.M.**, as program organizer and co-chair of the University of Washington Postdoctoral Association. (May, 2016). Developing agency & effecting change through networking. Moderated panel discussion in Seattle, WA.
9. **Hudac, C.M.** (2016, January). The eyes have it: Potential uses for the integration of eye-tracking and single-trial MEG/EEG. Invited talk at the Institute for Learning and Brain Sciences seminar series.
10. **Hudac, C.M.** (2015, October). Coding with colleagues: Progress on two projects. Symposium oral presentation at the Center for Human Development and Disability Human Electrophysiology Symposium at the University of Washington in Seattle, WA.
11. **Hudac, C.M.**, Kresse, A., DesChamps, T., Webb, S.J., & Bernier, R.A. (2015, May). Biomarkers of social perception in children with ASD and loss of function gene mutations. Symposium oral presentation at the annual International Meeting for Autism Research (IMFAR) in Salt Lake City, UT.
12. Skinner, A.L. & **Hudac, C.M.** (2015, February). Is prejudice contagious? Evidence of when and how social bias spreads. Symposium oral presentation at the annual Society for Personality and Social Psychology (SPSP) in Long Beach, CA.
13. Chernyavskiy, P., **Hudac, C.M.**, Marx, D.B., & Molfese, D.L. (2014, August). A Quantitative approach to the diagnosis of head injuries through a spatio-temporal model of the electrophysiological assessment of working memory. Oral presentation at the Joint Statistical Meetings in Montreal, Quebec.
14. Skinner, A.L., **Hudac, C.M.**, & Molfese, D.L. (2014, May). “Ugh.. You disgust me!” Evidence of dehumanization of interracial couples amount high bias individuals. Symposium oral presentation at the Association for Psychological Science annual convention in San Francisco, CA.
15. Chernyavskiy, P., Marx, D.B., **Hudac, C.M.**, & Schwab, A.D. (2013, August). Towards an absolute lack of fit measure for spatio-temporal models. Oral presentation at the Joint Statistical Meetings in Montreal, Quebec.
16. **Hudac, C.M.** (2013, May) **Invited Paper**: Emergence of theory of mind in infancy: A brain-behavior approach. Oral presentation at the Midwestern Social Development Consortium annual meeting in Lincoln, NE.

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17. **Hudac, C.M.**, Kota, S., Nedrow, J.L., & Molfese, D.L. (2012, April). **Invited Paper:** Neural mechanisms underlying neuro-optometric rehabilitation following traumatic brain injury. Invited oral presentation at the annual Neuro-Optometric Rehabilitation Association in Memphis, TN.
18. **Hudac, C.M.**, Kaiser, M.D.; Shultz, S.; Lee, S.M.; Cheung, C.; Berken, A.M.; Deen, B.; Pitskel, N.B.; Sugrue, D.R.; Voos, A.C.; Saulnier, C.A.; Ventola, P.; Wolf, J.M.; Klin, A.; Vander Wyk, B.C.; & Pelphrey, K.A. (2010, May). Neural Signatures of Autism. Oral presentation at the annual International Meeting for Autism Research (IMFAR) in Philadelphia, PA.

POSTER PRESENTATIONS

1. **Hudac, C.M.**, Cairney, B.E., DesChamps, T.D., Gerdtts, J., Wallace, A.S., Turner, T.N., Eichler, E.E., Webb, S.J., & Bernier, R.A. (October 2017). Electrophysiological correlates of attention associated with genetic subtypes of autism spectrum disorder. Poster presentation at the 50th Anniversary Celebration of the Center on Human Development and Disability Research Symposium in Seattle, WA.
2. Arnett, A.B., **Hudac, C.M.**, DesChamps, T.D., Ma, R., Cairney, B.E., Wallace, A.S., Gerdtts, J., Webb, S.J., & Bernier, R.A. (October 2017). Neurophysiological asymmetry is associated with receptive language skill in autism spectrum disorder. Poster presentation at the 50th Anniversary Celebration of the Center on Human Development and Disability Research Symposium in Seattle, WA.
3. DesChamps, T.D., Cairney, B.E., **Hudac, C.M.**, Ma, R., Wallace, A.S., Troiani, V., DiCriscio, A.S., Tayplor, C.M., & Bernier, R.A. (May 2017). Atypical neural sensory processing of auditory stimulus change among children with *de novo* disruptive mutations to *SCN2A*. Poster presentation at the annual International Meeting for Autism Research (IMFAR) in San Francisco, CA.
4. Ma, R., **Hudac, C.M.**, Kresse, A., Naples, A., Faja, S., McPartland, J., & Bernier, R.A. (May 2017). Neural signature of dynamic facial processing in children with ASD. Poster presentation at the annual International Meeting for Autism Research (IMFAR) in San Francisco, CA.
5. Arnett, A.B., **Hudac, C.M.**, DesChamps, T.D., Ma, R., Cairney, B.E., Wallace, A.S., Gerdtts, J., & Bernier, R.A. (May 2017). Reduced frontal P1 amplitude differentiation as a neural signature of speech sound disorder in ASD. Poster presentation at the annual International Meeting for Autism Research (IMFAR) in San Francisco, CA.
6. Fox, E., Wolken, A., **Hudac, C.M.**, Frye, M., Earl, R.K., Trinh, S., & Bernier, R.A. (May 2017). Clinician-derived social profiles predict play and friendships with peers in children with autism spectrum disorders. Poster presentation at the annual International Meeting for Autism Research (IMFAR) in San Francisco, CA.
7. **Hudac, C.M.**, DesChamps, T.D., Webb, S.J., & Bernier, R.A. (May 2016). Atypical novelty detection ERP responses associated with genetic but not idiopathic ASD etiologies. Poster presentation at the annual International Meeting for Autism Research (IMFAR) in Baltimore, MD.
8. Kincade, R.E., **Hudac, C.M.**, Gerdtts, J., Eichler, E.E., & Bernier, R.A. (May 2016). Familial contribution to clinical variability in social responsiveness for individuals with disruptive mutations to *CHD8* and *CHD8* target genes. Poster presentation at the annual International Meeting for Autism Research (IMFAR) in Baltimore, MD.
9. Kincade, R.E., **Hudac, C.M.**, Ward, T., Gerdtts, J., & Bernier, R.A. (May 2015). Sleep problem profiles of individuals with ASD-associated mutations. Poster presentation at the annual International Meeting for Autism Research (IMFAR) in Salt Lake City, UT.
10. Chernyavskiy, P., **Hudac, C.M.**, Molfese, D.L., & Marx, D.B. (September 10-12, 2014) Using the spatio-temporal variogram for the classification of electroencephalographic (EEG) assessment. Presented at the 7th International Workshop on Spatio-Temporal Modeling and Research Group for Statistical Applications to Environmental Problems (METMA VII – GRASPA) in Torino, Italy.
11. **Hudac, C.M.** & Skinner, A.L. (May 22-24, 2014) Arbitrary social decisions moderate the effect of ostracism. Presented at Association for Psychological Science (APS) annual convention in San Francisco, CA.
12. Damme, K.S., **Hudac, C.M.**, & Molfese, D.L. (May 8-10, 2014). Pubertal Development Modulates Event Related Potential During Gambling Task: Preliminary Data. Presented at Society of Biological Psychiatry annual meeting in New York, NY.

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13. **Hudac, C.M.** & Schutte, A.R. (October 18-19, 2013). Dynamic neural fields models of infant theory of mind. Presented at Cognitive Development Society in Memphis, TN.
14. **Hudac, C.M.** (October 3, 2013). Correspondence between fMRI and ERP: Evidence for social brain networks involved in theory of mind. Presented at Nebraska Neuroscience Symposium in Omaha, NE.
15. **Hudac, C.M.**, Haslam, J.A., & Garrison, G.M. (May 23-24, 2013). Modulation of neural mechanisms supporting emotion regulation across pubertal development. Presented at the Midwestern Social Development Consortium annual meeting in Lincoln, NE.
16. Petersen, I.T., Bates, J.E., Kelsey, K., **Hudac, C.M.**, Kota, S., Cortesa, C., Molfese, D.L., & Staples, A.D. (April 18-20, 2013). Longer P3 Latencies Associated with Externalizing Behavior Problems in Young Children. Presented at the biannual Society for Research in Child Development in Seattle, WA.
17. Cortesa, C.S., **Hudac, C.M.**, & Molfese, D.L. (October 11, 2012). Brain-Behavior Relationships in Collegiate Athletes: Utility of Event-Related Potentials. Concussion in Athletics: From Brain to Behavior, 2nd Annual Conference. Penn State University Park, State College, PA.
18. Munsche, H.A., Molfese, D.L., Decker, P.S., Cortesa, C.S., & **Hudac, C.M.** (October 11, 2012). The Effect of mTBI on ERP & Behavioral Measures for College Football Players. Concussion in Athletics: From Brain to Behavior, 2nd Annual Conference. Penn State University Park, State College, PA.
19. Decker, P.S., Cortesa, C.S., **Hudac, C.M.**, & Molfese, D.L. (October 11, 2012). Concussion Self-Report and Working Memory Function in University Football Players. Concussion in Athletics: From Brain to Behavior, 2nd Annual Conference. Penn State University Park, State College, PA.
20. **Hudac, C.M.** & Molfese, D.L. (June 26, 2012). Electrophysiological correlates of theory of mind. Presentation at the Maryland Neuroimaging Center Summer Institute on Social Developmental Neuroscience. University of Maryland, College Park, MD.
21. Molfese, D.L., **Hudac, C.M.**, Cortesa, C., Kota, S., Devlin, L.A., & Radmacher, P. (May 3, 2012). Contrasting the use of MMN and Equal Probability Paradigms to Study Memory in Late Preterm and Term Infants. Presentation at the 6th Conference on Mismatch Negativity (MMN) and Its Clinical and Scientific Applications. The Graduate Center, CUNY, New York, NY.
22. **Hudac, C.M.**, Petro, N., Meidlinger, K.M., Haslam, R., Kota, S., Nedrow, J.L., & Molfese, D.M. (2012, March). Correction of visual dysfunction following traumatic brain injury during Stroop color-naming task. Presented at the annual Cognitive Neuroscience Society (CNS) Meeting in Chicago, IL.
23. **Hudac, C.M.**, Shultz, S.; Vander Wyk, B.C.; & Pelphrey, K.A. (2010, June). Belief Representations Inform Action Understanding in the Posterior Superior Temporal Sulcus Region. Presented at the annual Organization for Human Brain Mapping (OHBM) in Barcelona, Spain.
24. Vander Wyk, B.C.; **Hudac, C.M.**; Cheung, C.; Lee, S.M.; Berken, A.M.; Dillon, M.D.; Saulnier, C.A.; & Pelphrey, K.A. (2010, May). Category Representation in Autism and Unaffected Siblings. Presented at the annual International Meeting for Autism Research (IMFAR) in Philadelphia, PA.
25. Jou, R.J.; Mateljevic, N.; **Hudac, C.M.**; & Pelphrey, K.A. (2010, May). White Matter Abnormalities in Autism Spectrum Disorders: Evidence of Abnormal Neural Connectivity. Presented at the annual International Meeting for Autism Research (IMFAR) in Philadelphia, PA.
26. **Hudac, C.M.**, Arizpe, J.M., Lee, S.M., Vander Wyk, B.C., Williams, D.L., Minshew, N.J., & Pelphrey, K.A. (2009, May). Self and Other Emotional Reflections in Autism. Presented at the annual International Meeting for Autism Research (IMFAR) in Chicago, IL.
27. Pitskel, N.B., **Hudac, C.M.**, Vander Wyk, B.C., Minshew, N.J., Lantz, S.D., & Pelphrey, K.A. (2009, May). Brain Mechanisms for Processing a Social Approach in Autism. Presented at the annual International Meeting for Autism Research (IMFAR) in Chicago, IL.
28. **Hudac, C.M.**, Vander Wyk, B.C., Sobel, D. M., Perlman, S.B., Minshew, N.J., & Pelphrey, K.A. (2008, October). Brain Mechanisms for Intention Understanding in Individuals with and without Autism. Presented at the Autism Neuroscience Conference in London, U.K.
29. Carter, E.J., **Hudac, C.M.**, Perlman, S.B., Vander Wyk, B.C., Dewhurst, S.G., Minshew, M., & Pelphrey, K.A. (2008, May). Influences of Manipulating Scanpaths on Brain Activity Evoked by Faces in Individuals with and without Autism. Presented at the annual International Meeting for Autism Research (IMFAR) in London, U.K. S

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30. Perlman, S.B., **Hudac, C.M.**, Dewhurst, S.G., Vander Wyk, B.C., & Pelphrey, K.A. (2008, May). Brain Mechanisms for Emotion Regulation during Induced Negative Mood. Presented at the annual meeting of Concepts, Actions, and Objects: Functional and Neural Perspectives in Rovereto, Italy.

PROFESSIONAL MEMBERSHIPS

American Psychological Association	2012-present
Cognitive Development Society	2012-present
International Society for Autism Research	2008-present
Organization for Human Brain Mapping	2010-present
Society for Research in Child Development	2013-present

PROFESSIONAL SERVICE

International Society for Autism Research, Communication Committee	2017-present
University of Washington Postdoctoral Association, Co-Chair	2015-present
UNL, Department of Psychology, Developmental Issues Group Coordinator	2012-2014
UNL, Department of Psychology, Colloquia Committee Member	2011-2014

AD-HOC REVIEWER

Developmental Science (1-3 a year)
Developmental Neuropsychology (1-3 a year)
Journal for Autism and Developmental Disorders (3-5 a year)
Autism Research (1-3 a year)
NeuroImage (1-3 a year)
Pediatric Neurology (1-3 a year)

TEACHING INTERESTS AND ACCOMPLISHMENTS

Teaching Areas of Expertise: Developmental Psychology (Infancy, Child, Life Span), Functional Cognitive Neuroscience, Social Cognition, Sensation and Perception

Graduate Student and Research Assistant Projects Supervised

Kelsey Loy, B.A., University of Washington (2017)
Ruqian Ma, M.A., University of Washington (2015-present)
Brianna Slattery, B.A., University of Washington (2016-present)
Monique Mahony, B.A., University of Washington (2017-present)
Trent DesChamps, B.A., University of Washington (2014-2017)
Kyleen Luhrs, B.A., University of Washington (2014)
Sarah Schoenbrun, B.A., University of Washington (2015)

Undergraduate Student Honors Theses and Research Projects Supervised

Sherief Eldeeb, Clark University (2017)
Nathan Petro, University of Nebraska-Lincoln (2010-2012)
Jonathan Haslam, University of Nebraska-Lincoln (2011-2014)
Grant Garrison, University of Nebraska-Lincoln (2011-2014)

Undergraduate Student Honors Theses and Research Projects Co-Supervised

Raja Pillai, Yale University (2009-2010)

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Rosibel Hernandez, Yale University (2009-2010)

WORKSHOPS CONDUCTED

Hudac, C.M., (November 2015, August 2016, April 2017, May 2017). 2-day training workshop on EEG and ET acquisition training (methodology, data collection, and hands-on equipment training) for the Autism Biomarkers Consortium for Clinical Trials. University of Washington, Seattle, Washington.

Hudac, C.M. (September 2011, August 2012, February 2013). 2-day workshop on "Introduction to Neuroimaging". University of Nebraska-Lincoln, Lincoln, Nebraska.

Hudac, C.M. (June 2011). 1-day workshop on "BOLD and MRI Basics". University of Nebraska-Lincoln, Lincoln, Nebraska.

Molfese, D.L., **Hudac, C.M.**, & Kota, S. (January 2011, October 2011, January 2012, May 2012, August 2012). 1-day workshop on "Introduction to Event-Related Potentials". University of Nebraska-Lincoln, Lincoln, Nebraska.

COMPUTER AND EQUIPMENT EXPERTISE

EEG / ERP systems: High-density EEG (Electrical Geodesics, Inc.)

EEG / ERP analysis: NetStation, EEGLab, customized programs

EEG / ERP source analysis: GeoSource (Electrical Geodesics, Inc.)

MRI imaging systems: Siemens 3T TIM Trio, Siemens 3T MAGNETOM Allegra

MRI imaging analysis: AFNI, Brain Voyager QX, BioImage Suite, FSL, SPM8, customized programs

Near-infrared spectroscopy systems: Hitachi ETC4000, NIRx, customized systems

Eye-tracking systems: Tobii T60, Tobii TX300, ISCAN, ASL, Smart Eye DR 120, Eye Link 1000 Plus

Programming environments and statistical packages: SAS, SPSS, MATLAB, R / R Studio, E-Prime 1.0 and 2.0, Stim Presentation, Presentation, CIGAL

Motion tracker system: PST MoTrak

Video and photo editing: Final Cut Pro; Adobe Photoshop, Flash, Illustrator, Standard, Dreamweaver

Basic processing: Microsoft Office including Word, Excel, PowerPoint, Publisher, FrontPage; EndNote; Papers