

CAITLIN C. CLEMENTS, PhD
Curriculum Vitae

EDUCATION

- 2020 **PhD**
Psychology (Clinical)
University of Pennsylvania
- 2017 Certificate in College and University Teaching
University of Pennsylvania
- 2014 **MA**
Psychology (Clinical)
University of Pennsylvania
- 2010 **BS**
Psychology
Yale University

POSITIONS

- 2023 – Mary Hesburgh Flaherty and James F. Flaherty Assistant Professor of Psychology
William J. Shaw Center for Children and Families
University of Notre Dame
- 2023 – Affiliate faculty
Neuroscience and Behavior
University of Notre Dame
- 2022 – 2023 Visiting Research Fellow
Boston University, Department of Psychology
Boston Children's Hospital, Division of Developmental Medicine
- 2020 – 2022 NIMH T32 Fellow, Translational Post-doctoral Training in Neurodevelopment
Boston Children's Hospital, Harvard Medical School
Division of Developmental Medicine
- 2019 – 2020 Clinical Psychology Intern – Child Track
SUNY Upstate Medical Center, Department of Psychiatry
- 2017 – 2018 Visiting Scholar
Karolinska Institutet, Department of Medical Epidemiology and Biostatistics
- 2011 – 2013 Clinical Research Coordinator

Massachusetts General Hospital
Psychiatric & Neurodevelopmental Genetics Unit

FELLOWSHIPS

2020 – 2022 NIMH T32 Fellow, Translational Post-doctoral Training in Neurodevelopment
2017 – 2018 U.S. Fulbright Scholar (Sweden)
2015 – 2019 National Science Foundation Graduate Research Fellowship
2013 – 2014 Benjamin Franklin Fellowship
2010 – 2011 Cohen Public Service Fellowship
2009 Richter Fellowship

AWARDS

2022 Scholarship to Event-Related Potential 10-day Bootcamp at UC Davis
2012 MGH Scientific Advisory Committee Poster of Distinction Award
2010 Psi Chi Society
2010 Cogswell Award
2009 F. Wilder Bellamy Jr. Memorial Prize
2009 Dwight Waterman Prize

GRANTS AND SUPPORT

2025 – 2027 NARSAD Young Investigator Grant, Brain & Behavior Research Foundation. Role: PI. *Extending the study of reward processing to preschoolers to improve autism interventions*. Total costs: \$69,517

2024 DeBiasi Family, Notre Dame Development Office. Total program support: \$100,000

2023 Folenza Fund, Notre Dame Development Office. Total program support: \$30,000

2022 – 2023 Boston Children's Hospital Division of Developmental Medicine Seed Grant. Role: PI. *Pilot testing experimental paradigms to assess how & when reward processing develops*. Total costs: \$5,639

2020 – 2022 NIMH T32 Fellow Research Allowance. Total costs: \$12,000 annually

2017, '19, '20 Penn SAS Dean's Travel Subventions

2016 – 2017 McMorris Autism Early Intervention Initiative Fund Pilot Study Award. Role: Student PI. Total costs: \$25,000

2014 – 2019 Penn Graduate & Professional Student Association Travel Awards

2014 International Society of Autism Research Student Travel Award

- 2010 Davis Projects for Peace Grant. *Sustainability, Skills Workshops, and Personal Testimony in Rwanda*. Total costs: \$10,000
- 2010 Mellon Research Grant. Role: Student PI. Total costs: \$1,000

PUBLICATIONS

*These authors contributed equally.

^uUndergraduate, ^{pb}Postbaccalaureate, or ^gGraduate student

h-index: 18

i10-index 23

Citations: 2,014

In print/press

28. **Clements, CC.** (2024). Methodological advances for studying the motivation hypothesis of autism. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 9(9), 855-857. <https://doi.org/10.1016/j.bpsc.2024.07.016>
27. Xiong, Y, Karlsson, R, Song, J, Kowalec, K, Rück, C, Sigström, R, Jonsson, L, **Clements, CC**, Andersson, E, Boberg, J, Lewis, C, Sullivan, PF, Landén, M, Lu, Y. (2023). Polygenic risk scores of lithium response and treatment resistance in major depressive disorder. *Translational Psychiatry*, 13(1), 301. <https://doi-org.proxy.library.nd.edu/10.1016/j.bpsgos.2022.11.005>
26. Göteson A.*, **Clements C.C.***, Juréus A., Joas E., Larsson J.H., Karlsson R., Nordenskjöld A., Pålsson E. & Landén M. (2023). Alterations in the serum proteome following electroconvulsive therapy for a major depressive episode: a longitudinal multicenter study, *Biological Psychiatry Global Open Science* 3(4), 884-892. <https://doi.org/10.1016/j.bpsgos.2022.11.005>
25. **Clements, CC**, Ascunce, K^u, Nelson, CA. (2023). In context: A developmental model of reward processing, with implications for autism and sensitive periods. *J Am Acad Child Adolesc Psychiatry*, 62(11): 1200-1216. <https://doi.org/10.1016/j.jaac.2022.07.861>
25. Xiong, Y, Karlsson, R, Song, J, Kowalec, K, Rück, C, Jonsson, L, **Clements, CC**, Andersson, E, Boberg, J, Lewis, C, Sullivan, PF, Landén, M, Lu, Y. (2022). Investigating genetic overlap between antidepressants and lithium response and treatment resistance in major depressive disorder. *European Neuropsychopharmacology*, 63, e270.
24. Sigström, R, Kowalec, K, Jonsson, L, **Clements, CC**, Karlsson, R, Nordenskjöld, A, Pålsson, E, Sullivan, PF, Landén, M. (2022). Association between polygenic risk scores and outcome of ECT. *Am J Psychiatry*, 179(11), 844-852. <https://doi.org/10.1176/appi.ajp.22010045>

23. **Clements, CC**, Karlsson, R, Lu, Y, Juréus, A, Rück, C, Andersson, E, Boberg, J, Pedersen, NL, Bulik, CM, Nordenskjöld, A, Pålsson, E, Sullivan*, PF, Landén*, M. (2021). Genome-wide association study of patients with a severe major depressive episode treated with electroconvulsive therapy. *Molecular Psychiatry*, 26(6), 2429-2439. <https://doi.org/10.1038/s41380-020-00984-0>
22. Sparding, T, Jonas, E, **Clements, CC**, Pålsson, E, Landén, M. (2021). Long-term trajectory of cognitive performance in bipolar disorder and controls: a 6-year follow-up study. *BJPsych Open*, 7(4). <https://doi.org/10.1192/bjo.2021.66>
21. Chawner, SJRA, Doherty, JL, Anney, R, Antshel, KM, Bearden, CE, Bernier, R, Chung, WK, **Clements, CC**, Curran, SR, Cuturilo, G, Fiksinski, AM, Gallagher, L, Hanson, E, Jacquémont, S, Kates, WR, Maillard, AM, McDonald-McGinn, DM, Mihaljevic, M, Miller, JS, Moss, H, Pejovic-Milovancevic, M, Schultz, RT, Snyder, LG, Vorstman, JA, Wenger, TL, IMAGINE-ID Consortium, Hall, J, Owen, MJ, van den Bree, MBM. (2021). A Genetics-First Approach to Dissecting the Heterogeneity of Autism: Phenotypic Comparison of Autism Risk Copy Number Variants. *Am J Psychiatry*, 178(1), 77-86. <https://doi.org/10.1176/appi.ajp.2020.20010015>
20. **Clements, CC**, Sparding, T, Yerys, BE, Schultz, RT, Watkins, MW. (2020). DAS-II cognitive profiles are not diagnostically meaningful for autism: A ROC Analysis. *Autism Research*, 13(12), 2143-2154. <https://doi.org/10.1002/aur.2336>
19. **Clements, CC**, Watkins, MW, Schultz, RT, Yerys, BE. (2020). Does the factor structure of IQ differ between the DAS-II normative sample and autistic children? *Autism Research*, 13(7), 1184-1194. <http://dx.doi.org/10.1002/aur.2285>
18. Graham Holmes, L., Zampella, C.J., **Clements, CC**, McCleery, J., Maddox, B.B., Parish-Morris, J., Schultz, R.T., and Miller, J.M. (2020). A lifespan approach to Patient-Reported Outcomes and quality of life for people on the autism spectrum. *Autism Research*, 13(6), 970-987. <https://doi.org/10.1002/aur.2275>
17. Sigstrom, R, Nordenskjöld, A, Jureus, A, **Clements, C**, Joas, E, Pålsson, R, Landén, M. (2020). Long-term subjective memory after electroconvulsive therapy. *BJPsych Open*, 6(2):e26. <https://doi.org/10.1192/bjo.2020.9>
16. Drakopoulos, J, Sparding, T, **Clements, CC**, Landén, M. (2020). Executive functioning but not IQ or illness severity predicts occupational status in bipolar disorder. *International Journal of Bipolar Disorders*, 8(1), 7. <https://doi.org/10.1186/s40345-019-0168-6>
15. Soda, T, McLoughlin, D, Clark, S, Oltedal, L, Kessler, U, Haavik, J, Bousman, C, Smith, D, Bioque, M, **Clements, CC**, Loo, C, Vila-Rodriguez, F, Minelli, A, Mickey, B, Milev, R, Docherty, AR, Langan Martin, J, Achtyes, ED, Arolt, V, Redlich, R, Dannlowski, U, Cardoner, N, Clarc, E, Craddock, N, DiFlorio, A, Dmitrzak-Weglarz, M, Forty, L, Gordon-Smith, K, Husain, M, Ingram, WM, Jones, L, Jones, IR, Juruena, M, Kirov, G, Landén, M,

- Muller, DJ, Nordenskold, A, Palsson, E, Paul, M, Permoda, A, Pliszka, B, Rea, J, Schubert, KO, Sonnen, JA, Soria, V, Stageman, W, Takamiya, A, Urretavizcaya, M, Watson, S, Zavorotny, M, Young, AH, Vieta, E, Rybakowski, JK, Gennarelli, M, Zandi, PP, Sullivan, PF, and Baune, BT. (2019). International Consortium on the Genetics of Electroconvulsive Therapy and Severe Depressive Disorders (Gen-ECT-ic). *European Archives of Psychiatry and Clinical Neuroscience*, 270(7), 921-932. <https://doi.org/10.1007/s00406-019-01087-w>
14. Yankowitz, LD & **Clements, CC**. (2019). Reconciling autistic individuals' self-reported social motivation with diminished social reward responsiveness in neuroimaging. *Behavioral and Brain Sciences*, 42, E114. <https://doi.org/10.1017/S0140525X18002455>
 13. Salavan, S, Sparding, T, **Clements, CC**, Rydén, E, Landén, M. (2019). Neuropsychological profiles of adult bipolar disorder patients with and without comorbid attention-deficit hyperactivity disorder. *Int J Bipolar Disorder*, 7(1), 14. <https://doi.org/10.1186/s40345-019-0149-9>
 12. **Clements, CC**, Zoltowski, AR^{pb}, Yankowitz, LD, Schultz, RT, Herrington, JD. (2018). Evaluation of the Social Motivation Hypothesis of Autism: An fMRI meta-analysis of reward types. *JAMA Psychiatry*, 75(8), 797-808. <https://doi.org/10.1001/jamapsychiatry.2018.1100>
 11. **Clements, CC**,* Wenger, TL,* Zoltowski, AR^{pb}, Bertollo, JR^{pb}, Miller, JS, de Marchena, AB, Mitteer, LM, Carey, JC, Yerys, BE, Zackai, EH, Emanuel, BS, McDonald-McGinn, DM, Schultz, RT. (2017). Critical region within 22q11.2 linked to higher rate of autism spectrum disorder. *Molecular Autism*, 8(1), 1-17. <https://doi.org/10.1186/s13229-017-0171-7>
 10. Wenger, TL,* Miller, J,* DePolo, LM, de Marchena, A, **Clements, CC**, Emanuel, BS, Zackai, EH, McDonald-McGinn, DM, Schultz, RT. (2016). 22q11.2 duplication syndrome: elevated rate of autism spectrum disorder and need for medical screening. *Molecular Autism*, 7(1), 27. <https://doi.org/10.1186/s13229-016-0090-z>
 9. McGrath, LM, Oates, J, Dai, YG, Dodd, H, Waxler, J, **Clements, CC**, Weill, S, Hoffnagle, A, Anderson, E, MacRae, R, Mullett, J, McDougale, C, Pober, B, Smoller, JW. (2016). Attention bias to emotional faces varies by IQ in Williams syndrome. *J Autism Dev Disord*, 46(6), 2174-2185. <https://doi.org/10.1007/s10803-016-2748-y>
 8. Perlis, RH, Castro, VM, Kong, SW, **Clements, CC**, Brady, R Kaimal, AJ, Doyle, AE, Robinson, EB, Smoller, JW, Churchill, SE, Kohane, IS. (2016). Absence of evidence for increase in risk for autism or attention deficit-hyperactivity disorder following prenatal antidepressant exposure: a replication study. *Translational Psychiatry*, 6(1), e708. <https://doi.org/10.1038/tp.2015.190>
 7. **Clements, CC**, Castro, VM, Blumenthal, SR, Rosenfield, HR, Murphy, SN, Fava, M, Erb, JL, Churchill, SE, Kaimal, AJ, Doyle, AE, Robinson, EB, Smoller, JW, Kohane, IS, Perlis, RH. (2014). Prenatal antidepressant exposure is associated with risk for attention deficit-hyperactivity disorder but not autism spectrum disorder in a large health system. *Molecular Psychiatry*, 20(6), 727-734. <https://doi.org/10.1038/mp.2014.90>

6. Blumenthal, SR, Castro, VM, **Clements, CC**, Rosenfield, HR, Murphy, SN, Gainer, VS, Fava, M, Weilburg, JB, Erb, JL, Churchill, SE, Kohane IS, Smoller JW, Perlis RH. (2014). Weight gain after long-term antidepressant use: a longitudinal study of electronic health records. *JAMA Psychiatry*, 71(8), 889-896. <https://doi.org/10.1001/jamapsychiatry.2014.414>
5. O'Dushlaine, C, Ripke, S, Ruderfer, DM, Hamilton, SP, Fava, M, Iosifescu, DV, Kohane, IS, Churchill, SE, Castro, VM, **Clements, CC**, Blumenthal, SR, Murphy, SN, Smoller, JW, Perlis, RH. (2014). Rare Copy Number Variation in Treatment-Resistant Major Depressive Disorder. *Biological Psychiatry*, 76(7), 536-541. <https://doi.org/10.1016/j.biopsych.2013.10.028>
4. Wiste, A, Robinson, EB, Milaneschi, Y, Meier, S, Ripke, S, **Clements, CC**, Fitzmaurice, GM, Rietschel, M, Penninx, BW, Smoller, JW, Perlis, RH. (2014). Bipolar polygenic loading and bipolar spectrum features in major depressive disorder. *Bipolar Disorders*, 16(6), 608-616. <https://doi.org/10.1111/bdi.12201>
3. Castro, VM, **Clements, CC**, Murphy, SN, Gainer, VS, Fava, M, Weilburg, JB, Erb, JL, Churchill, SE, Kohane IS, Smoller JW, Iosifescu DV, Perlis RH. (2013). QT Interval Prolongation and Antidepressant Use in a Cross-Sectional Study of a Large Healthcare System. *Brit Med J*, 346: f288. <https://doi.org/10.1136/bmj.f288>
2. Castro, V, Gallagher, PJ, **Clements, CC**, Murphy, SN, Gainer, VS, Weilburg, JB, Fava, M, Churchill, SE, Kohane, IS, Smoller, JW, Iosifescu, DV, Perlis, RH. (2012). Incident User Cohort Study of Risk for Gastrointestinal Bleed and Stroke in Individuals with Major Depressive Disorder Treated with Antidepressants. *Brit Med J Open*. 2(2):e000544. <https://doi.org/10.1136/bmjopen-2011-000544>
1. **Clements, CC** & Chawarska, K (2010). Beyond pointing: Development of the 'showing' gesture in children with Autism Spectrum Disorders. *Yale Review of Undergraduate Research in Psychology*, 2: 46-63.

Under review/In prep

1. **Clements CC***, Engelstad, A*^g, Wilkinson, CL*, Hyde C, Hartney, M, Simmons, A, Tager-Flusberg, H, Jeste, S, Nelson, CA. (In revision). Resting state EEG in young children with Tuberous Sclerosis Complex.
2. Xiong, Y, Krebs, K, Jermy, B, Karlsson, R, Pasman, JA, Nyugen, T, Gong, T, Kowalec, K, Rück, C, Sigström, R, Jonsson, L, **Clements, CC**, Hörbeck, Andersson, E, Bäckman, J, FinnGen, Estonian Biobank Research Team, Ganna, A, German, J, Sullivan, PF, Landén, M, Lehto, K, Lu, Y. (In revision). Genome-wide association meta-analysis and rare copy number variant analysis of treatment-resistant depression.

3. Yankowitz, LD, Said, AJ^{pb}, **Clements, CC**, Wilkinson, CL, Tager-Flusberg, H, Nelson, CA. (Submitted). Trajectories of restricted and repetitive behaviors from 1-3 years in autistic and typical development.
4. Yu, Y.^{pb}, Wyman, A.^g, Faulk, C., Fulop, L., Benecke, R., Steinbeck, L., Greenberg, R., Foy, J., Kim, C., Emory, G., Storch, E., Zampella, C., Yerys, B., Schultz, R., Parish-Morris, J., Herrington, J., **Clements, C.C.** (In prep). An IRT analysis of racial bias in scoring the Autism Diagnostic Observation Schedule (ADOS) Module 3.

CONFERENCE PRESENTATIONS

37. Candy, C, Kang, E, **Clements, CC**, Lerner, M, Nelson, B, Gerber, A. (Under review). *The relationship between ADHD symptom severity and neural response to reward in autistic young adults*. Abstract submitted to the 2025 Association for Psychological Science Annual Convention (APS). Washington, D.C.
36. Yu, Zhiwei, McEllin, K^{pb}, Kong, N, Kuo, Y^g, Zheng, Z, **Clements, C.C.** (Under review). *ePeekaboo: a novel eye-tracking paradigm to track the development of contingency learning and anticipation*. Abstract submitted to the 24th Annual International Meeting for Autism Research (INSAR). Seattle, W.A.
35. Kuo, Y^g, McEllin, M^{pb}, Wilkinson, CL, Bosquet Enlow, M, Tager-Flusberg, T, Nelson, CA, **Clements, C.C.** (Under review). *Developing an Infant Reward Processing Scale from the Infant Behavior Questionnaire – Revised Short Form*. Abstract submitted to the 24th Annual International Meeting for Autism Research (INSAR). Seattle, W.A.
34. Wyman, A^g, Yu, Y, Zhang, J, Herrington, J, Yerys, B, **Clements, C.C.** (Under review). *Racial Bias in the ADOS: Comparison of Differential Item Functioning and Moderated Nonlinear Factor Analysis Among More Than 4,000 Participants from NDAR and SSC*. Abstract submitted to the 24th Annual International Meeting for Autism Research (INSAR). Seattle, W.A.
33. McEllin, K^{pb}, Yu, Y^g, Kaste, J^{ug}, Savino, J^{ug}, Agurcia, S^{ug}, **Clements, C.C.** (Under review). *Pressing Forward: Measuring Effort with a Progressive Ratio Task to Activate Music and Bubbles, Suitable for Children 6 Months to 6 Years*. Abstract submitted to the 24th Annual International Meeting for Autism Research (INSAR). Seattle, W.A.
32. McEllin, K^{pb}, Obiajulu, D^{ug}, Holt, G, **Clements, C.C.** (2024). *A novel progressive ratio task to extend the study of effort to infants to improve autism interventions*. Poster presented at the Convention for the Association for Behavioral and Cognitive Therapies (ABCT). Philadelphia, PA.
31. Yu, Y.^{pb}, Faulk, C., Fulop, L., Benecke, R., Steinbeck, L., Greenberg, R., Foy, J., Kim, C., Emory, G., Storch, E., Zampella, C., Yerys, B., Schultz, R., Parish-Morris, J., Herrington, J., **Clements, C.C.** (2024). Differential Functioning of ADOS-2 Module 3 Items by Race.

Poster presented at the 23rd Annual International Meeting for Autism Research (INSAR). Melbourne, Australia.

30. Yu, Y.^{pb}, Faulk, C., Fulop, L., Benecke, R., Steinbeck, L., Greenberg, R., Foy, J., Kim, C., Emory, G., Storch, E., Zampella, C., Yerys, B., Schultz, R., Parish-Morris, J., Herrington, J., **Clements, C.C.** (2024). An Item Response Theory Examination of Sex Bias in the ADOS-2 Module 3 Algorithm Items. Poster presented at the 23rd Annual International Meeting for Autism Research (INSAR). Melbourne, Australia.
29. Engelstad, A.M.^g, **Clements, C.C.**, Hyde, C, Wilkinson, C., Jeste, S., Nelson, C.A. (2024). *Intervention-Related Change in EEG Features of Children with Tuberous Sclerosis Complex*. In *Bench to Brain: Using Translational Models Across Species to Study Sensory Processing in Rare* [Symposium]. 56th Gatlinburg Conference. Kansas City, Missouri.
28. **Clements, C.C.**, Obiajulu, D.^{ug}, Nimblette, M.^{ug}, Krystkowiak, S.^{ug}, Nelson, C.A. (2023). *A new passive experimental paradigm to assess anticipation and response to reward using Event-Related Potentials (ERPs) in infants and toddlers (pre-registered report)*. Poster presented at the 2nd Annual Conference of the Fetal, Infant, Toddler Neuroimaging Group (FIT'NG). Santa Rosa, California.
27. Engelstad, A.M.^g, **Clements, C.C.**, Hyde, C, Said, A.J.^{pb}, Wilkinson, C., Tager-Flusberg, H., Jeste, S., Nelson, C.A. (2023). *Characterizing the resting state in toddlers with Tuberous Sclerosis Complex*. In **Clements** [chair], *Resting State EEG in Autism and Related Genetic Syndromes* [Symposium]. 22nd Annual International Meeting for Autism Research (INSAR). Stockholm, Sweden.
26. **Clements, CC**, Ascunce, K^{ug}, Nelson, CA. (2023). *The Developmental Six-Component Model of Reward Processing: a reconceptualization & literature review of typical and autistic development*. Poster presented at the 22nd Annual Meeting of International Society for Autism Research (INSAR). Stockholm, Sweden.
25. Xiong, Y, Karlsson, R, Song, J, Kowalec, K, Ruck, C, Jonsson, L, **Clements, CC**, Andersson, E, Boberg, J, Lewis, CM, Sullivan, PF, Landen, M, Lu, Y. (2022). *Investigating genetic overlap between antidepressants and lithium response and treatment resistance in major depressive disorder*. Poster presented at the World Congress of Psychiatric Genetics (WCPG). Florence, Italy.
24. Said, AJ^{pb}, **Clements, CC**, Yankowitz, LD, Tager-Flusberg, H, Nelson, CA, Wilkinson, C. (2022). *Repetitive and Restricted Behaviors During Early Development in Infants at Elevated Likelihood of Autism Spectrum Diagnosis*. Poster and Flash Talk presented at the Annual Meeting of the Society for Developmental and Behavioral Pediatrics (SDBP). Denver, Colorado.
23. **Clements, CC**, Wilkinson, C, Gabard-Durnam, L, Mukerji, C, Ochi, C^{ug}, Hartney, M, Hyde, C, Tager-Flusberg, H, Jeste, S, Nelson, CA. (2022). *Association between the Visual Evoked Potential and autistic symptoms in children with and without Tuberous Sclerosis Complex*.

Poster presented at 21st Annual Meeting of International Society for Autism Research (INSAR). Austin, Texas.

22. **Clements, C.C.,** Yerys, B.E., Schultz, R.T., Watkins, M.W. (2020). *DAS-II cognitive profiles do not distinguish children with autism: A ROC analysis*. Poster to be presented at 19th Annual Meeting of International Society for Autism Research (INSAR). Seattle, Washington.
21. Holmes, L. G., **Clements, C.C.,** Zampella, C. J., Maddox, B., Parish-Morris, J., Udhnani, M., Schultz, R. T., Miller, J. S., & McCleery, J. (2019). *Relationship and sexual functioning for autistic adults across the lifespan*. Oral presentation at the annual convention of the Society for the Scientific Study of Sexuality (SSSS) on November 9, 2019.
20. Holmes, L. G., Zampella, C. J., **Clements, C.C.,** Maddox, B., McCleery, J., Parish-Morris, J., Schultz, R. T., & Miller, J. S. (2019). *Sexual and gender minorities with autism report more impaired quality of life: Nuances*. Poster presented at the annual convention of the Association for Psychological Science (APS), Washington DC on May 23, 2019.
19. **Clements, C.C., Bertollo, J.R.^{pb},** Yankowitz, L.D., Watkins, M.W., Yerys, B.E., Schultz, R.T. *Does the factor structure of IQ differ between the DAS-II normative sample and autistic children?* (2019). Poster presented at 18th Annual Meeting of International Society for Autism Research (INSAR). Montreal, Canada.
18. Holmes, L.G., Zampella, C.J., **Clements, C.C.,** Maddox, B.B., McCleery, J., Parish-Morris, J., Schultz, R.T., and Miller, J.M. (2019). *A lifespan approach to Patient-Reported Outcomes and quality of life for autism using NIH Promis®*. Poster presented at 18th Annual Meeting of International Society for Autism Research (INSAR). Montreal, Canada.
17. **Clements, C.C., Bertollo, J.R.^{pb}, Zoltowski, A.R.^{pb},** de Marchena, A., Mitteer, L.M., Zackai, E. H., Emanuel, B., McDonald-McGinn, D. M., Wenger, T.L., Schultz, R.T., Miller, J.S., Ousley, O. (2018). *Profiles of Autistic Symptoms in Individuals with 22q11.2 Duplication or Deletion Syndromes, Regardless of Autism Diagnosis*. Poster presented at the 17th Annual Meeting of International Society for Autism Research (INSAR). Rotterdam, The Netherlands.
16. Schultz, R.T., **Clements, C.C.,** Miller, J.S., de Marchena, A., Zackai, E. H., Emanuel, B., McDonald-McGinn, D. M., & Wenger, T.L. (2017). *Characterization of Idiopathic Autism and 22q11.2 Syndromic Forms of Autism*. Oral presentation at Society of Biological Psychiatry 72nd Annual Scientific Meeting. San Diego, CA.
<http://dx.doi.org/10.1016/j.biopsych.2017.02.041>
15. **Clements, C.C.,** Wenger, T.L., Miller, J.S., de Marchena, A., **Zoltowski, A.^{pb}, DePolo, L.^{pb},** McDonald-McGinn, D. M., Zackai, E. H., Emanuel, B., & Schultz, R.T (2017). *Increased risk of autism among individuals with atypical 22q11.2 deletions or duplication involving COMT and RANBP1*. In **Clements** [chair], *Autism with known genetic associations: implications for 'idiopathic' autism* [Symposium]. 16th Annual International Meeting for Autism Research (IMFAR), San Francisco, CA.

14. Zoltowski, A.^{pb}, **Clements, C.C.**, Yankowitz, L., Schultz, R.T., Herrington, J.D. (2017). *A Functional MRI Meta-Analysis of Reward and Social Motivation Studies of ASD*. Poster presented at the 16th Annual International Meeting for Autism Research (IMFAR), San Francisco, CA.
13. Zoltowski, A.^{pb}, **Clements, C.C.**, Henderson M., Bateman, L., Stein, N., Schultz, R.T. (2017). *The Impact of the Audience Effect and Inattention on Online Vs in-Person IQ Assessment*. Poster presented at the 16th Annual International Meeting for Autism Research (IMFAR), San Francisco, CA.
12. Wenger TL, **Clements CC**, McDonald-McGinn DM, DePolo L^{pb}, Carey JC, Zoltowski A^{pb}, Emanuel BS, Zackai EH, Schultz RT. (2017). *Elevated risk of autism spectrum disorder in children with atypical deletions and duplications of 22q11.2 including LCR-A to B vs LCR B to D*. Poster presented at the American College of Medical Genetics (ACMG) Annual Clinical Genetics Meeting. Phoenix, AZ.
11. **Clements, CC**, DePolo, LM^{pb}, de Marchena, A, McDonald-McGinn, DM, Zackai, EH, Emanuel, BS, Schultz, RT, Miller, J, Wenger, TL. (2016). *22q11.2 Duplication Syndrome: Assessment of Autism Spectrum Disorder, Other Neuropsychiatric Symptoms, and Adaptive Skills*. Poster presented at the 15th Annual International Meeting for Autism Research (IMFAR). Baltimore, MD.
10. Zoltowski, A^{pb}, **Clements, CC**, Bateman, L, Stein, N, Schultz, RT. (2016). *Online Remote Verbal IQ Testing for Large-Scale Autism Studies and the Issue of Cheating*. Poster presented at the 15th Annual International Meeting for Autism Research (IMFAR), Baltimore, MD.
9. DePolo, LM^{pb}, Wenger, TL, Miller, J, de Marchena, A, **Clements, CC**, Emanuel, BS, Zackai, EH, McDonald-McGinn, DM, Schultz, RT. (2016). *Community diagnoses of neurodevelopmental and psychiatric issues in children with 22q11.2 Duplication Syndrome*. Oral presentation at the Pediatric Academic Societies Meeting, Baltimore, MD.
8. **Clements, CC**, Bartley, GK, DePolo L^{pb}, Bateman, L^{ug}, Morton, H^{pb}, Parish-Morris, J, Stein, N, Schultz, RT. (2015). *An Online Verbal IQ Test: Development, Validity, and Standardization of an Adaptive Vocabulary Test for Remote Phenotyping*. Poster presented at the 14th Annual International Meeting for Autism Research (IMFAR), Salt Lake City, UT.
7. Dai, Y, Castro, VM, Gupta, S, Hoffnagle, A, **Clements, CC**, Corren, Y, Nock, MK, Reis, B, Perlis, RH, Smoller, JW. (2014). *Use of Electronic Health Records to Predict Suicide Risk*. Poster accepted at the MGH Clinical Research Day, Boston, MA. **Outcomes Research Award**.
6. Dai, Y, McGrath, L, Waxler, J, Oates, J, **Clements, CC**, Weill, S, Hoffnagle, A, Anderson, E, MacRae, R, Mullett, J, Dodd, H, McDougle, C, Pober, B, Smoller, JW. (2014). *Cognitive Contributions to Anxiety in Williams Syndrome*. Poster presented at the Society of Biological Psychiatry 69th Annual Scientific Meeting, New York, NY.

5. **Clements, CC**, Castro, VM, Blumenthal, SR, Rosenfield, HR, Fava, M, Murphy, SN, Erb, JL, Kaimal, AJ, Churchill, SE, Smoller, JW, Kohane, IS, Perlis, RH. (2014). *Prenatal antidepressant exposure is associated with risk for ADHD but not ASD in a large health system*. Poster presented at the 13th Annual International Meeting for Autism Research (IMFAR), Atlanta, GA.
4. **Clements, CC**, Garzarek, J, Macari, S, Campbell, D, Chawarska, K. (2012). *Beyond Pointing: Gesture Profiles in the First year Differentiate Infants with ASD, Language Delays, and Typical Development*. Poster presented at the 11th Annual International Meeting for Autism Research (IMFAR), Toronto, Canada.
3. Castro, VM, **Clements, CC**, Murphy, SN, Gainer, VS, Fava, M, Weilburg, JB, Erb, JL, Churchill, SE, Kohane, IS, Smoller, JW, Iosifescu, DV, Perlis, RH. (2012). *An electronic medical records-based study of antidepressants and QTc prolongation in a large health care system*. Poster presented at the 64th Meeting of the MGH Scientific Advisory Council, Boston, MA. **Poster of Distinction Award**
2. **Clements, CC**, & Hueschen, C. (2011). *Working at the local level*. Symposium presentation at Focus on Rwanda: A Conference on Gender Research and Activism, Kigali, Rwanda.
1. **Clements, CC** (2010). *Beyond pointing: The importance of the 'showing' gesture in distinguishing Autism Spectrum Disorders from language delays at nine months*. Oral presentation at the L. Starling Reid Undergraduate Research Conference at the University of Virginia, Charlottesville, VA.

INVITED TALKS

Children's Hospital Of Philadelphia, Center for Autism Research	2024
Boston Children's Hospital, Research EDI Steering Committee	2022
University of Notre Dame, Department of Psychology	2022
University of Hawaii, Department of Psychology	2022
University of Georgia, Department of Psychology	2022
University of Alabama, Department of Psychology	2021
SUNY Upstate Medical University, Child Psychiatry Grand Rounds	2020
Simons Foundation, Postdoctoral Dinner	2019
US Embassy in Sweden, Fulbright Recognition Ceremony	2018

COMMUNITY TALKS

Supporting Autistic Adults

Healthy Babies, St Joseph County, IN	2024
How ignoring your child could improve your relationship, and other behavior management strategies	
Jewish Creative Preschool, Newton, MA	2023

Ellis Early Learning, Jamaica Plain, MA	2023
Cambridge Preschool of the Arts, Cambridge, MA	2022
Coping and Community while Social Distancing	
Syracuse Hebrew Day School, Syracuse, NY	2020

TEACHING

Courses

University of Notre Dame	
Psychology 30721: Autism Spectrum Disorder	2023
Psychology 43270: Fundamentals of Autism	2024, 2025
Psychology 60320: Assessment I	2024

Guest Lectures

Introduction to Data	2022
Summer Seminar Series: Laboratories of Cognitive Neuroscience, Boston Children's Hospital	
Neurodevelopmental Disorders	2021
Psychology 772: Child & Family Psychopathology & Intervention, University of South Alabama	
Understanding atypical development: theories of autism	2016
Psychology 180: Introduction to Development, University of Pennsylvania	
Introduction to Item Response Theory	2015, 2016
Psychology 710: Research Methodology, University of Pennsylvania	
Application of Item Response Theory to IQ measurement	2016
Education 768: Measurement Theory and Test Construction, University of Pennsylvania	
Early Social Cognition	2014
Psychology 280: Social and Emotional Development, University of Pennsylvania	
Teaching Assistant	
Psychology 180: Introduction to Development, University of Pennsylvania	2016
Psychology 280: Social and Emotional Development, University of Pennsylvania	2014

MENTORING

Senior Thesis Advising

Julia Savino (Neuroscience and Behavior), Notre Dame,	2023-
Mehrael Atkins (Neuroscience), St. Mary's College	2023-2024
Deborah Obiajulu (Neuroscience, co-advisor), Harvard College	2023-2024

Dissertation Committee

Yeonsoo Park (Clinical Science), Notre Dame	2024
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Graduate student

Yvonne Kuo (Clinical Science), Notre Dame	2024-
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PROFESSIONAL SERVICE

Psychology Faculty Search Committee, Developmental/Cognitive Neuroscience	2024
Harvard Medical School, "Postdoc to PI," <i>Panelist</i>	2022, 2023
BCH Division of Developmental Medicine Diversity, Equity, Inclusion, and Anti-Racism Journal Club, <i>Chair</i>	2021-2022
Social Sciences and Humanities Research Council, <i>Reviewer</i>	2020
Graduate student representative to faculty	2016-2017

AD HOC PEER REVIEW

Acta Psychologica, Annals of Epidemiology, Autism Research, Biological Psychiatry, Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, Developmental Science, International Journal of Environmental Research and Public Health, International Journal of Molecular Sciences, JAMA, JAMA Network Open, JAMA Psychiatry, Journal of Autism and Developmental Disorders, Journal of Child Psychology and Psychiatry, Journal of Experimental Psychology, Journal of Neurodevelopmental Disorders, Molecular Autism, Pediatrics (with advisor), PNAS (with advisor), Research on Child and Adolescent Psychopathology, Research in Autism Spectrum Disorders, Research in Developmental Disabilities

WORKSHOPS & TRAININGS ATTENDED

Incredible Years University of Notre Dame	2024
Autism Diagnostic Observation Schedule (ADOS-2) Training Research Reliability attained with WPS trainer, Modules 1-4	2015, 2017
Exposure and Response Prevention for Pediatric OCD University of Pennsylvania	2017
Medical Ethics and the Catholic Intellectual Tradition Collegium Institute, University of Pennsylvania	2015
Interface of Psychology, Neuroscience, and Genetics: Summer Genetics Workshop Washington University	2015
Multilevel Factor Analysis Penn Institute of Education Sciences	2015
Scale Construction and Development Statistical Horizons	2013

CLINICAL TRAINING

Notre Dame Psychological Services Center Therapist (supervised by Laura Miller-Graff, PhD, HSPP)	2023 -
Laboratories of Cognitive Neuroscience, Boston Children's Hospital IDEA Study and ABC-CT Study (study clinician)	2021-2022

SUNY Upstate Medical Center

Outpatient Clinic, Psychiatry Department	2019-2020
Consultation & Liaison Pediatric Psychiatry Service	2019-2020
Excellence iN Healthcare for Abused and Neglected ChildrEn (ENHANCE) Clinic	2019
Pediatric Psychological Trauma Service	2019

Syracuse University

Psychological Services Center, therapy practicum	2018-2019
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The Children's Hospital of Philadelphia

Center for Management of ADHD, parent management training practicum	2016-2017
Autism Integrated Care Assessment Practicum	2015-2016
Center for Management of ADHD, assessment practicum	2014
Regional Autism Center Practicum	2015
Center for Autism Research, Infant Brain Imaging Study assessment practicum	2013-2014

University of Pennsylvania

Child & Adolescent OCD, Tic, Trich & Anxiety Group (COTTAGE), CBT practicum	2016-2017
Philadelphia Alliance for Child Trauma Services, community evaluation practicum	2015-2016
Psychological Assessment Clinic, Psychology Department, adult assessment practicum	2014

PROFESSIONAL SOCIETIES

Association for Behavioral & Cognitive Therapies (ABCT)	2024 -
Fetal, Infant, and Toddler Neuroimaging Group (FIT'NG)	2023 -
International Congress on Infant Studies (ICIS)	2022 -
International Society for Autism Research (INSAR)	2011-
Society of Child Clinical and Adolescent Psychology	2019-