

## CYNTHIA L. HUANG-POLLOCK, Ph.D.

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### Current Position (2018 - )

Professor of Psychology  
Pennsylvania State University, University Park, PA  
Licensed Clinical Psychologist (#PS016090)

### Prior Positions

2011-2018: Associate Professor, Clinical Psychology, The Pennsylvania State University  
2004-2011: Assistant Professor, Clinical Psychology, The Pennsylvania State University

### Education

2003-2004 Postdoctoral Fellow, University of California, San Francisco, San Francisco, CA  
2002-2003 Clinical Intern, University of California, San Francisco, San Francisco, CA  
2003 Ph.D. Michigan State University, East Lansing MI  
1996 B.A. Williams College, Williamstown, MA

### Grant Support

2021-2023 Fosco, W., **Huang-Pollock**, C., Waschbusch, D.. Children's Miracle Network, Nonprofit Foundations (\$40,000). *Decision Making in ADHD: An Evaluation of the Subjective Value of Rewards and Costs*.

2021-2023 Miller, C., Williams, D., Bray, L., **Huang-Pollock**, C. *Development of a Transdiagnostic Assessment Battery for Language Processing*. Level I grant of the Social Science Research Institute at The Pennsylvania State University.

2022 Kim (PI), Chatters, S. (Co-I), & **Huang-Pollock**, C. (Co-I). Teachers as co-designers of equitable and inclusive ambient identity clues that foster belongingness among minoritized and neurodiverse K-5 children within CS. Google, Inc. Not funded

2017-2022 **Huang-Pollock** (PI), R56 MH084947, National Institutes of Mental Health (\$790,507); *Identifying sources of neurocognitive heterogeneity in ADHD and Anxiety*.

2014-2019 **Huang-Pollock** (PI), Wilson, S., Geir, C., & Yang, Q. *Illuminating the neurocognitive contributors to nicotine addiction and relapse among adults with Attention Deficit Hyperactivity Disorder*. Level II grant of the Social Science Research Institute at The Pennsylvania State University.

2017-2019 Neely, Kristina (PI; **Huang-Pollock** Co-I), Brain and Behavior Research Foundation (Formerly National Alliance for the Research of Schizophrenia and Depression, NARSAD) Young Investigator Award (\$70,000). *Effects of stimulant medication on the motor system in adult attention deficit/hyperactivity disorder*.

2010-2017 **Huang-Pollock** (PI), R01 MH084947, National Institutes of Mental Health (\$1,782,328); *Social and Academic Problems in ADHD: The role of implicit and explicit learning*.

2010 Prins, E., (PI), **Huang-Pollock**, C., Schaefer, B., Toso, B. W., & Witherspoon, D., Woodhouse, S. *Health literacy in parents of low-SES, minority group school-age children with ADHD*. Research Initiation Grant, College of Education, Pennsylvania

- State University (\$8304).
- 2010 Prins, E. (PI), **Huang-Pollock**, C., Schaefer, B., Toso, B. W., & Witherspoon, D., Woodhouse, S. *Health literacy in parents of low-SES, minority group school-age children with ADHD*. Penn State Children Youth and Families Consortium (\$5,000).
- 2009-2012 Bierman, K. (PI) & **Huang-Pollock**, C. (Co-PI), R34 MH085889-01, National Institutes of Mental Health (\$663,780.00); *Reducing ADHD by Promoting Social Collaboration and Self-Regulation Skills*
- 2006-2007 **Huang-Pollock** (PI), R03 MH075731, National Institutes of Mental Health. (\$50,000), *Working Memory and Skill Acquisition in Childhood ADHD*.
- 1999-2001 **Huang-Pollock** (PI), F31 MH012333, National Institutes of Mental Health, (\$64,565). *Attention and Inhibition in Child and Young Adult ADHD*.

#### Mentored Student Training Fellowships

- 2022 Yan, Elsie (**Huang-Pollock**, Ansel, & Claus, co-mentors). Prevention and Methodology Training Program (PAMT). National Institute on Drug Abuse (NIDA) T32 to the Edna Bennett Pierce Prevention Research Center.
- 2019 Roule, Alexandra (**Huang-Pollock** Sponsor). National Science Foundation (NSF) Graduate Research Fellowship. *Assessment of the mechanisms of inhibitory control across the lifespan with the diffusion model*. Unfunded
- 2019 Warner, Tyler (**Huang-Pollock** Sponsor). National Science Foundation (NSF) Graduate Research Fellowship. *Learning from errors: Understanding the development of mechanisms underlying post-error slowing using diffusion model analyses*. Unfunded
- 2016 Weigard, A. (**Huang-Pollock** Sponsor) NRSA F31-DA042567-01 National Institutes of Drug Abuse. *A model-based cognitive neuroscience investigation of performance deficits in smokers with ADHD* (Impact score = 31, 23<sup>rd</sup> Percentile, unfunded).
- 2013 Weigard, A. (**Huang-Pollock** Sponsor). National Science Foundation (NSF) Graduate Research Fellowship. *Using the drift diffusion model within a novel working memory measure to experimentally assess the effects of processing efficiency on the development of working memory capacity*. Honorable Mention.
- 2010 Karalunas, S. (**Huang-Pollock** Sponsor) NRSA F31-MH086206. National Institutes of Mental Health (\$10,488). *Consistently inconsistent: Understanding intra-individual variability in ADHD*.

#### Mentored Faculty Training Fellowships

- 2015 Neely, K (PI). National Institutes of Health/Clinical and Translational Science Institute (CTSI) KL2 award at the Pennsylvania State University. *The neurobiology of inhibitory motor control in adults with ADHD*.

#### Fellowships and Awards

- 2023-2024 Social Science Research Institute, Faculty Fellow
- 2004 Robert E. Harris Memorial Award
- 2001 American Psychological Foundation Graduate Research Scholarship
- 1997 Student Award Program Grant, Blue Cross Blue Shield of Michigan Foundation
- 1996-1999 Minority Competitive Doctoral Fellowship, Michigan State University

### **Publications**

\* student co-authors underlined

Yan, X. & **Huang-Pollock**, C. (in press). Preferential Choice to Exert Cognitive Effort in Children

with ADHD: a Diffusion Modelling Account. *Research in Child and Adolescent Psychopathology*

- Wise, S., Huang-Pollock, C., & Pérez-Edgar, K. (in press). Frontal alpha asymmetry in anxious school-aged children during completion of a threat identification task. *Biological Psychology*
- Shapiro, Z., Bray, B., & Huang-Pollock, C. (2023). Mechanism-based groups of children with ADHD are associated with distinct domains of impairment. *Psychiatry Research*, 319, 115018.
- Wise, S., Huang-Pollock, C., Perez-Edgar, K. (2022). Implementation of the diffusion model on dot-probe task performance in children with behavioral inhibition. *Psychological Research*, 86, 831-843.
- Galloway-Long, H., Huang-Pollock, C., & Neely, K. (2021). Ahead of the (ROC) curve: a statistical approach to utilizing ex-Gaussian parameters of reaction time in diagnosing ADHD. *Journal of the International Neuropsychological Society*, 7, 1-14.
- Feldman, J. & Huang-Pollock, C. (2021). Slow drift rate predicts ADHD symptomology over and above executive dysfunction. *Child Neuropsychology*, 27, 834-855.
- Feldman, J. & Huang-Pollock, C. (2021). A new spin on spatial cognition in ADHD: A diffusion model account of mental rotation. *Journal of the International Neuropsychological Society*, 27, 472-483.
- Weigard, A., Wilson, S., Shapiro, Z., Galloway-Long, H., & Huang-Pollock, C. (2021) Neural correlates of working memory's suppression of aversive olfactory distraction effects. *Brain Imaging and Behavior*, 15, 2254-2268.
- Kamath, M.S., Dahm, C., Tucker, J.R., Huang-Pollock, C.L., Etter, N.M., & Neely, K.A. (2020). Sensory profiles in adults with and without ADHD. *Research in Developmental Disabilities*, 104.
- Huang-Pollock, C., Ratcliff, R., McKoon, G., Roule, A., Warner, T., Wise, S., Feldman, J. (2020). A diffusion model analysis of sustained attention in ADHD. *Neuropsychology*, 34, 641-653.
- Shapiro, Z., Huang-Pollock, C., Graham, J., & Neely, K. (2020). Making the most of it: Application of missing data measurement to increase the efficiency of diagnostic assessment. *Journal of Psychopathology and Behavioral Assessment*. doi:10.1007/s10862-019-09780-9
- Karalunas, S., Bierman, K., & Huang-Pollock, C. (2020). Test-retest reliability and measurement invariance of executive function tasks in young children with and without ADHD. *Journal of Attention Disorders*.
- Shapiro, Z. & Huang-Pollock, C. (2019). A diffusion-model analysis of timing deficits among children with ADHD. *Neuropsychology*, 33, 883-892.
- Weigard, A., Heathcote, A., Matzke, D. & Huang-Pollock, C. (2019). Cognitive modeling suggests that attentional failures drive longer stop-signal reaction time estimates in ADHD. *Clinical Psychological Science*, 7, 856-872.
- Weigard, A., Huang-Pollock, C., Heathcote, A., Hawk, L., & Schlienz, N. (2018). A cognitive model-based approach to testing mechanistic explanations for neuropsychological decrements during tobacco abstinence. *Psychopharmacology*, 235, 3115-3124.
- Galloway-Long, H. & Huang-Pollock, C. (2018). Using inspection time and ex-Gaussian parameters of reaction time to predict executive functions in children with ADHD. *Intelligence*, 69, 186-194.
- Weigard, A., Huang-Pollock, C., & Brown, S., Heathcote, A. (2018). Testing formal predictions of neuroscientific theories of ADHD with a cognitive model-based approach. *Journal of Abnormal Psychology*, 127, 529-539.

- Ratcliff, R., **Huang-Pollock**, C., & McKoon, G. Modeling the Go/No-Go Task (2018). *Decision*, 5, 42-62.
- Huang-Pollock**, Shapiro, Z., Galloway-Long, H. & Weigard, A. (2017). Is poor working memory a transdiagnostic risk factor for psychopathology? *Journal of Abnormal Child Psychology*, 54, 1477-1490
- Neely, K., Wang, P., Chennavasin, A., Samimy, S., Tucker, J., Merida, A., Perez-Edgar, K., **Huang-Pollock**, C. (2017). Deficits in inhibitory force control in young adults with ADHD. *Neuropsychologia*, 9, 172-178.
- Weigard, A. & **Huang-Pollock**, C. (2017). The role of speed in ADHD-related working memory deficits: A time-based resource sharing and diffusion model account. *Clinical Psychological Science*, 5, 195-211.
- Huang-Pollock**, C., Ratcliff, R., McKoon, G., Shapiro, Z., Weigard, A., Galloway-Long, H. (2017). Using the drift diffusion model to explain cognitive deficits in Attention Deficit Hyperactivity Disorder. *Journal of Abnormal Child Psychology*, 45, 57-68.
- Weigard, A., **Huang-Pollock**, C., & Brown, S. (2016). Evaluating the consequences of impaired monitoring of learned behavior in ADHD using a Bayesian hierarchical model of choice response time. *Neuropsychology*, 30, 502-515.
- Neely, K., Chennavasin, A.P., Yoder, A., Williams, G.K.R., Loken, E. & **Huang-Pollock**, C. (2016). Memory-guided force output is associated with ADHD symptomatology in young adults. *Experimental Brain Research*, 234, 3203-3212.
- Motamedi, M., Bierman, K., & **Huang-Pollock**, C. (2016). Rejection reactivity, executive function skills, and social adjustment problems of inattentive and hyperactive kindergarteners. *Social Development*, 25, 322-339.
- Weigard, A. & **Huang-Pollock**, C. (2014). A diffusion modeling approach to understanding contextual cueing in children with ADHD. *Journal of Child Psychology and Psychiatry*, 55, 1336-1344.
- Huang-Pollock**, C.L., Maddox, W.T., Tam, H. (2014). Rule-based and associative perceptual category learning are impaired in children with Attention Deficit Hyperactivity Disorder. *Neuropsychology*, 28, 594-604.
- Tam, H., Maddox, W.T., **Huang-Pollock**, C. (2013). Post-error slowing predicts rule-based but not information integration category learning. *Psychonomic Bulletin and Review*, 20, 1343-1349.
- Karalunas, S. & **Huang-Pollock**, C. (2013). Integrating evidence of slow reaction times and impaired executive function using a diffusion model framework. *Journal of Abnormal Child Psychology*, 41, 837-850.
- Karalunas, S., **Huang-Pollock**, C., & Nigg, J. (2013). Is reaction time variability in ADHD mainly at low frequencies? *Journal of Child Psychology and Psychiatry*, 54, 536-544.
- Karalunas, S., **Huang-Pollock**, C., & Nigg, J. (2012). Decomposing ADHD-related effects in response speed and variability. *Neuropsychology*, 26, 684-694.
- Huang-Pollock**, C.L., Karalunas, S.L., Tam, H., & Moore, A.N. (2012). Evaluating vigilance deficits in ADHD: A meta-analysis of CPT performance. *Journal of Abnormal Psychology*, 121, 360-371.
- Karalunas, S.L. & **Huang-Pollock**, C. (2011). Examining relationships between executive functioning and delay aversion in attention deficit hyperactivity disorder. *Journal of Clinical Child and Adolescent Psychology*, 40, 837-847.
- Huang-Pollock**, C., Maddox, T., & Karalunas, S.L. (2011). Development of implicit and explicit category learning. *Journal of Experimental Child Psychology*, 109, 321-335.

- Huang-Pollock, C. & Karalunas, S.L.** (2010). Working memory demands impair skill acquisition in children with ADHD. *Journal of Abnormal Psychology, 119*, 174-185.
- Chan, E., Mattingly, J., **Huang-Pollock, C.**, English, T., Hester, R., Vance, A., & Bellgrove, M. (2009). Selective attention deficits in ADHD are spatially dependent. *Journal of Child Psychology and Psychiatry, 50*, 1064-1072.
- Huang-Pollock, C.**, Mikami, A., Pfiffner, P., & McBurnett, K. (2009). Can executive function deficits explain the relationship between Attention Deficit Hyperactivity Disorder and social adjustment? *Journal of Abnormal Child Psychology, 37*, 679-691.
- Pfiffner, L., Mikami, A., **Huang-Pollock, C.**, Easterlin, B., Zalecki, C., & McBurnett, K. (2007). A Randomized Controlled Trial of Integrated Home-School Behavioral Treatment for ADHD, Predominantly Inattentive Type. *Journal of the American Academy of Child and Adolescent Psychiatry, 46*, 1041-1050.
- Mikami, A., **Huang-Pollock, C.**, Pfiffner, L., & McBurnett, K., & Hangai, D. (2007). Social skills differences among Attention-Deficit/Hyperactivity Disorder types in a chat room assessment task. *Journal of Abnormal Child Psychology, 35*, 509-521.
- Huang-Pollock, C.L.**, Mikami, A., Pfiffner, L., & McBurnett, K. (2007). ADHD subtype differences in motivational responsivity but not inhibitory control: Evidence from a reward-based variation of the stop signal paradigm. *Journal of Clinical Child and Adolescent Psychology, 36*, 127-136.
- Huang-Pollock, C.L.**, Nigg, J.T., & Halperin, J.M. (2006). Single dissociation findings for ADHD deficits in Vigilance but not Anterior or Posterior Attention Systems. *Neuropsychology, 20*, 420-429.
- Huang-Pollock, C.L.**, Nigg, J.T., & Carr, T.H. (2005). Deficient attention is hard to find: applying the perceptual load model of selective attention to Attention Deficit Hyperactivity Disorder subtypes. *Journal of Child Psychology and Psychiatry, 46*, 1211-1218.
- Park, L., Nigg, J.T., Waldman, I., Nummy, K.A., **Huang-Pollock, C.**, Rappley, M., & Friderici, K. (2005). Association and linkage of  $\alpha$ -2A adrenergic receptor gene polymorphisms with childhood ADHD. *Molecular Psychiatry, 10*, 572-580.
- Huang-Pollock, C.L.** & Nigg, J.T. (2003). Searching for the attention deficit in attention deficit hyperactivity disorder: The case of visuospatial orienting. *Clinical Psychology Review, 23*, 801-830.
- Nigg, J.T., John, O.P., Blaskey, L., **Huang-Pollock, C.L.**, Willcutt, E.G., Hinshaw, S.P., Pennington, B. (2002). Big five dimensions and ADHD symptoms: links between personality traits and clinical symptoms. *Journal of Personality and Social Psychology, 83*, 451-69.
- Huang-Pollock, C.L.**, Carr, T.H., Nigg, J.T., (2002). Perceptual load influences late versus early selection in child and adult selective attention. *Developmental Psychology, 38*, 363-375.
- Nigg, J.T., Blaskey, L., **Huang-Pollock, C.L.**, Rappley, M. (2002). Neuropsychological executive functions and ADHD-DSM-IV subtypes. *Journal of the American Academy of Child and Adolescent Psychiatry, 41*, 59-66.
- Nigg, J.T., Butler, K.M., **Huang-Pollock, C.**, Henderson, J.M. (2002). Inhibitory process in adults with persistent childhood onset ADHD. *Journal of Clinical and Consulting Psychology, 70*, 153-157.
- Nigg, J.T., Blaskey, L.B., **Huang-Pollock, C.L.**, & John, O.P. (2002). ADHD and personality traits: Is ADHD an extreme personality trait? *The ADHD Report*, 6-11.
- Orians, C., **Huang, C.**, Wild, A., Dorfman, K., Zee, P., Dao, M., and Fritz, R. (1997). Willow hybridization differentially affects preference and performance of herbivorous beetles. *Entomologia experimentalis et applicata, 83*, 285-294.

#### **Book Chapters**

- Huang-Pollock, C.**, Shapiro, Z., Galloway-Long, H., & Feldman, J. (2020). A Practical Guide for

Designing and Conducting Cognitive Studies in Child Psychopathology. In A. Wright & M. Hallquist (Eds.), *The Cambridge Handbook of Research Methods in Clinical Psychology* (Cambridge Handbooks in Psychology, pp. 105-117). Cambridge: Cambridge University Press. doi:10.1017/9781316995808.013

- Huang-Pollock, C.L.** (2008). Where is the “Attention Deficit” in ADHD? Perspectives from Cognitive Neuroscience and Recommendations for Future Research. In K. McBurnett and L. Pfiffner (Eds) *Attention Deficit/Hyperactivity Disorder: Concepts, Controversies, New Directions* (pp. 97-110): *Vol 37. Medical Psychiatry Series*. NY: Informa Healthcare.
- Nigg, J.T., Hinshaw, S., & **Huang-Pollock, C.L.** (2006). Disorders of Attention and Impulse Regulation. In Cicchetti & D. Cohen (Eds), *Developmental Psychopathology* (2nd Ed.). New York: Wiley.
- Nigg, J.T., & **Huang-Pollock, C.L.** (2003). An early onset model of the role of executive functions and intelligence in conduct disorder/delinquency. In B. Lahey, T. Moffitt, & A. Caspi (Eds.), *The Causes of Conduct Disorder and Serious Juvenile Delinquency* (pp. 227-253). New York: Guilford.

#### Non-peer Reviewed Publications

- Galloway-Long, H., Shapiro, Z., & **Huang-Pollock, C.L.** (2016). Diffusion modeling in ADHD: A brief introduction and application for clinical practice. *National Academy of Neuropsychology Bulletin*, 30, 19-21.
- Huang-Pollock, C.L.** & Mikami, A.Y. (2007). The academic job search: Timeline, tips, and tactics. *The Behavior Therapist*, 30, 104-108.

#### Invited Talks

\* student co-authors underlined

- Huang-Pollock, C.** (May, 2016). *New methods to understand the causes of executive deficits in children with ADHD*. Invited talk for the Champalimaud Neuroscience Programme (CNP) and Progresso Infantil (PIN)’s annual meeting on Neurodevelopmental disorders: From neuroscience to clinic. Lisbon, Portugal.
- Huang-Pollock, C.L.** (May, 2012). *Integrating common cognitive phenomena in ADHD*. Invited talk for the annual meeting of the Association for Psychological Science. Chicago, IL.
- Huang-Pollock, C.L.** (May, 2012). *Success from thesis to tomb: Nothing to fear but fear itself*. Invited talk for the Women in Cognitive Science at the annual meeting of the Association for Psychological Science. Chicago, IL.
- Huang-Pollock, C.L.**, Maddox, T., & Tam, H. (March, 2012). *Developmental and individual differences in perceptual category learning*. Invited talk for the annual meeting of the Southern Society for Philosophy and Psychology. Savannah, GA.
- Tam, H., Maddox, T., **Huang-Pollock, C.** (March, 2012). *An Evaluation of Error Processing and Skill Acquisition in children with ADHD using the COVIS model*. Invited talk for the annual meeting of the Southern Society for Philosophy & Psychology. Savannah, GA.

#### Chaired Symposia

- Huang-Pollock, C.**, Shapiro, Z., Neely, K., & Weigard, A. (July, 2017). *Novel research methods for assessing and quantifying cognitive deficits in ADHD*. Symposia chaired (Discussant: Hawk, L.) for the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology. Amsterdam, The Netherlands.
- Huang-Pollock, C.**, Karalunas, S., & White, C. (July, 2015). *Using the drift diffusion model to*

*understand psychopathology and normative development.* Symposia chaired (Discussant: Killeen, P.) for the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology. Portland, Oregon.

### Oral Presentations

\* student co-authors underlined

- Shapiro, Z., Weigard, A., Wise, S., Roule, A., Warner, T., Hlutkowsky, C., Yan, X., & **Huang-Pollock**, C. (June, 2023). *Diffusion model analysis of sensitivity to reward immediacy in childhood ADHD*. Oral presentation for the biannual meeting of the International Society for Research in child and Adolescent Psychopathology. London, England.
- Hlutkowsky, C., Feldman, J., Yan, X., & **Huang-Pollock**, C. (June, 2023). *A cost and effect analysis of dysfunctional set switching in childhood ADHD*. Oral presentation for the biannual meeting of the International Society for Research in child and Adolescent Psychopathology. London, England.
- Huang, S., Weigard, A., Zelle, S., Wilson, S., & **Huang-Pollock**, C. (November, 2018). *Neural correlates of cue reactivity induced by smoking-related videos in adult daily smokers*. Oral presentation for the annual meeting of the Society for Neuroscience. San Diego, CA.
- Huang-Pollock**, C., Shapiro, Z., Galloway-Long, H., Feldman, J. (May, 2018). *Is Poor Executive Functioning a Transdiagnostic Risk Factor for Childhood Psychopathology: Update and extension*. Oral presentation for the annual meeting of the Association for Psychological Science. San Francisco, CA.
- Shapiro, Z., **Huang-Pollock**, C., Graham, J. & Neely, K. (July, 2017). *Minimizing costs and maximizing statistical power from diagnostic information in SEM designs*. Oral presentation for biennial meeting of the International Society for Research in Child and Adolescent Psychopathology. Amsterdam, The Netherlands.
- Neely, K., Wang, P., Perez-Edgar, K., & **Huang-Pollock**, C. (July, 2017). *Precision grip force task captures subtle differences in inhibitory motor control in young adults with ADHD*. Oral presentation for the biennial International Society for Research in Child and Adolescent Psychopathology. Amsterdam, The Netherlands.
- Weigard, A., Matzke, D., Heathcote, A., Brown, S., & **Huang-Pollock**, C. (July, 2017). *Disinhibition, slow speed, or trigger failures? Clarifying specific mechanisms of stop signal task deficits in ADHD with a Bayesian model-based approach*. Oral presentation for the biennial the meeting of the International Society for Research in Child and Adolescent Psychopathology. Amsterdam, The Netherlands.
- Huang-Pollock**, C., Shapiro, Z., Galloway-Long, H., & Weigard, A. (April, 2017). *Are executive function deficits a transdiagnostic risk factor for psychopathology?* Oral presentation for the biennial meeting of the Society for Research in Child Development. Austin, TX.
- Huang-Pollock**, Ratcliff, McKoon, Weigard, Shapiro, & Galloway-Long (July, 2015). *A test of the cognitive-neuroenergetic model of ADHD*. Oral presentation for the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology. Portland, Oregon.
- Witherspoon, D., Woodhouse, S., Davis, D., Campbell, K., **Huang-Pollock**, C., Prins, E., Schaefer, B., Toso, B. (April, 2014). *Considering Culture in ADHD Treatment for African American, Lower SES Families: Using Community-Engaged Research to Develop Practice*. Oral presentation for the annual meeting of the Society for Research in Child Development Special Topic Meeting: Strengthening Connections Among Child and Family Research, Policy, and Practice. Alexandria, VA.
- Huang-Pollock**, C.L. (August, 2012). *Constructing an integrative account of common cognitive*

*phenomena in ADHD*. Oral presentation for the annual meeting of the American Psychological Association. Orlando, FL.

**Huang-Pollock, C.L. & Tam, H.** (March, 2011). *The development of categories*. Oral presentation at the biennial meeting of the Society for Research in Child Psychopathology, Montreal, Canada.

**Huang-Pollock, C.** (May, 2004). *Stopping on a Dime: Can deficits in inhibition account for inattention in children with ADHD-I?* Oral presentation for the annual Research Retreat of the University of California, San Francisco/Langley Porter Psychiatric Institute. Marin Headlands, CA.

Pfiffner, L.J., McBurnett, K., **Huang-Pollock, C.**, & Rathouz, P. (October, 2002). *Parent psychopathology, parenting and comorbid disorders in children with ADHD*. Oral presentation for the annual meeting for the American Academy of Child and Adolescent Psychiatry, San Francisco, CA

Nigg, J.T., **Huang-Pollock, C.L.**, Blaskey, L., Friderici, K., & Rappley, M. (April, 2001). *New directions in ADHD research: Executive functions, genetics, and their integration*. Paper symposium presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, Minnesota.

### Poster Presentations (last 10 years)

\* student co-authors underlined

Yan, X., Roule, A., & **Huang-Pollock, C.** (2023, June). *The drifting of Tau: Comparing model-based parameters of reaction in the prediction of working memory*. Poster presented the biannual meeting of the International Society for Research in Child and Adolescent Psychopathology (ISRCAP). London, England.

Yan, X., Bedillion, M., Claus, E., **Huang-Pollock, C.**, & Ansell, E. (2023, June) *Sex Differences in the Prospective Association of Intra-Individual Reaction Time Variability in Stroop and Hazardous Cannabis Use at Six Months*. Poster presented at the College on Problems of Drug Dependence annual scientific meeting, Denver, CO.

Hlutkowsky, C., Yan, X., Feldman, J., & **Huang-Pollock, C.L.** (2023, March). *Shifting perceptions on cognitive flexibility in childhood: A diffusion model analysis*. Poster presented at the biennial meeting of the Society for Research in Child Development. Salt Lake City, UT

Warner, T., & **Huang-Pollock, C.** (2023, February). *Adaptive implementation of cognitive control in school aged children with ADHD: A diffusion model analysis*. Poster presented at the International Neuropsychological Society. San Diego, CA.

Miller, C.A., Williams, D.L., **Huang-Pollock, C.**, Bray, L., Gonzalez, K.V., & Kammerer, T. (2022, June). *Feasibility of a remote transdiagnostic assessment battery for language processing*. Poster presented at the Symposium on Research in Child Language Disorders, Madison, WI.

Yan, X., & **Huang-Pollock, C.** (2022, May). *Avoiding Effort Only When Performing Well: Cognitive Effort Discounting in Children with and without ADHD*. Poster presented at the 34<sup>th</sup> Association for Psychological Science Annual Convention, Chicago, IL.

Roule, A. L., Yan, E. X., & **Huang-Pollock, C.** (2022, May). *A Preliminary Study of the Predictive Values of Drift and Working Memory on Inattention/Hyperactivity Symptomology*. Poster presented at the 34th Association for Psychological Science Annual Convention, Chicago, IL.

Feldman, J.S. & **Huang-Pollock, C.L.** (2022, February). *Utility of teacher-specific vs. multi-rater consensus reports of ADHD symptomology in detecting working memory impairment*. Poster presented at the annual meeting of the International Neuropsychological Society. New Orleans, LA.

Hlutowsky, C. & **Huang-Pollock** (May 2021). *Examining the Predictive Utility of the Teacher BRIEF*



- on Performance-Based Executive Function (EF) Tasks*. Poster presented at the biannual meeting of the Society for Research in Child Development. Virtual.
- Hlutowsky, C. & **Huang-Pollock** (May 2020). *Examining the Predictive Utility of the Parent BRIEF on Performance-Based Executive Function (EF) Tasks*. Poster accepted for the annual meeting of the Association for Psychological Science, Chicago, IL. (Cancelled Due to COVID-19).
- Warner, T. A. & Huang-Pollock, C. L. (May, 2020). Understanding the mechanisms of cognitive control in ADHD: A diffusion model analysis. Poster accepted for the annual meeting of the Association for Psychological Sciences. Chicago, IL. (Cancelled Due to COVID-19).
- Feldman, J., & **Huang-Pollock**. (June, 2019). *Drifting off course: A diffusion model account of cognitive contributions to the developmental progression of ADHD symptomology*. Poster presented at the International Society for Research in Child and Adolescent Psychopathology (ISRCAP), Los Angeles, CA.
- Warner, T. & **Huang-Pollock**. (June, 2019). *Error Monitoring and reactive control in children with ADHD*. Poster presented at the International Society for Research in Child and Adolescent Psychopathology (ISRCAP), Los Angeles, CA.
- Roule, A. & **Huang-Pollock, C.** (June, 2019). *Assessing inhibitory control and reward motivation with the diffusion model*. Poster presented at the International Society for Research in Child and Adolescent Psychopathology (ISRCAP), Los Angeles, CA.
- Wise, S., **Huang-Pollock, C.**, & Perez-Edgar, K. (June, 2019). *Implementation of the diffusion model on the dot-probe task*. Poster presented at the International Society for Research in Child and Adolescent Psychopathology (ISRCAP), Los Angeles, CA.
- Neely, K.A., Tucker, J.R., **Huang-Pollock, C.L.**, & Etter, N.M. (June, 2019). *Slow rates of force production are related to greater ADHD-related symptom severity in adults with and without ADHD*. Poster presented at the International Society for Research in Child and Adolescent Psychopathology (ISRCAP), Los Angeles, CA.
- Galloway-Long, H. & **Huang-Pollock, C.** (October, 2018) *Using the Diffusion Model as a Diagnostic Tool for ADHD*. National Academy of Neuropsychology, New Orleans, LA.
- Galloway-Long, H., & **Huang-Pollock, C.** (June, 2018) *An ex-Gaussian decomposition of Reaction Time as a Diagnostic Tool for ADHD Using Receiver Operating Characteristic (ROC) Analyses*. Poster presented at the Academy of American Clinical Neuropsychology, San Diego, CA.
- Feldman, J.S., Shapiro, Z., & **Huang-Pollock, C.L.** (2018, May). The “g” in me: Assessing a general factor of psychopathology with child temperament variables. Poster presented at the 30th annual meeting of the Association for Psychological Science. San Francisco, CA.
- Feldman, J. & **Huang-Pollock, C.** (June, 2017). *Mental rotation in childhood ADHD: A diffusion model analysis*. Poster presented at the International Society for Research on Child and Adolescent Psychopathology, Amsterdam, The Netherlands
- Weigard, A., Wilson, S., **Huang-Pollock, Shapiro,** & Galloway-Long (October, 2016). *Distracted from distraction: interactions of prefrontal and cerebellar regions with the default mode network shield cognition from distraction under high working memory load*. Poster presented at the annual conference for the Society for Neuroscience, San Diego, CA.
- Wang, P., Chennavasin, A., Tucker, J.R., Samimy, S., Reynolds, M., **Huang-Pollock, C.**, & Neely, K.A. (2016, October). *Deficits in inhibitory force control in young adults with ADHD*. Poster presented at the annual conference for the Society for Neuroscience.
- Weigard, A., Heathcote, A., Brown, S. & **Huang-Pollock, C.** (2016). *A model-based assessment of slowed vs. variable information processing in ADHD*. Poster presented at the International Neuropsychological Society, Boston, MA.

- Weigard, A., Shapiro, Z. & Huang-Pollock, C. (2015, November). *Effects of temporal reward biases on components of perceptual decision making in ADHD*. Poster presented at the 23rd Annual Workshop on Object Perception, Attention, and Memory, Chicago, IL.
- Neely KA, Yoder A, Chennavasin A, Williams GKR, **Huang-Pollock CL.** (2015, October). *Memory-guided force output is associated with ADHD symptomatology in young adults*. Poster presented for the Society for Neuroscience.
- Galloway-Long, H. & Huang-Pollock, C. (July, 2015). *Articulation speed and the prediction of working memory deficits in ADHD*. Poster presented at the International Society for Research on Child and Adolescent Psychopathology, Portland, Oregon.
- Weigard, A. & Huang-Pollock, C. (July, 2015). *Working memory deficits in ADHD can be explained by slow processing efficiency*. Poster presented at the International Society for Research on Child and Adolescent Psychopathology, Portland, Oregon.
- Shapiro, Z. & Huang-Pollock, C. (July, 2015). *Correlates of temporal performance in ADHD*. Poster presented at the International Society for Research on Child and Adolescent Psychopathology, Portland, Oregon.
- Weigard, A., Wilson, S., & Huang-Pollock, C. (November, 2014). *Characterizing functional brain networks associated with speed vs. accuracy emphasis in simple decision-making*. Poster presented at the annual meeting of the Society for Neuroscience, Washington, DC.
- Shapiro, Z., Weigard, A., & Huang-Pollock, C. (November, 2014). *Modeling differences in probabilistic learning among children with and without ADHD*. Poster presented at the annual meeting of the Society for Neuroscience, Washington, DC.
- Galloway-Long, H. & Huang-Pollock, C. (May, 2014). *Articulation Speed Predicts Working Memory Span Task Performance in Children with ADHD*. Poster presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
- Weigard, A. & Huang-Pollock, C. (May, 2014). *A diffusion model analysis of developmental differences in perceptual category learning*. Poster presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
- Weigard, A. & Huang-Pollock, C. (February, 2014). *Lower cognitive processing efficiency and slowed motor preparation do not impair implicit motor sequence learning in ADHD*. Poster presented at the annual meeting of the International Neuropsychological Society. Seattle, WA.
- Weigard, A., Wilson, S., & Huang-Pollock, C. (November 2013). *Nicotine deprived smokers' WM capacity differences in strategy use and recruitment of brain regions linked to goal maintenance during a WM task*. Society for Neuroscience, San Diego, CA.
- Weigard, A. and Huang-Pollock, C. (2013, June). *Using diffusion modeling to assess implicit learning of spatial context in ADHD*. International Society for Research on Child and Adolescent Psychopathology, Leuven, Belgium.
- Tam, H. & Huang-Pollock, C. (June, 2013). *Post-error Slowing Differentially Mediates the Effect of Conscientiousness on Accuracy in Children with and without ADHD*. Poster presented at the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology. Leuven, Belgium.
- Mattei, G., Karalunas, S., Tam, H. & Huang-Pollock, C.L. (April, 2013). *Evaluating Stimulant Medication Effects in ADHD Populations: A Meta-Analysis of CPT Performance*. Poster presented at the annual meeting of the Society for Research in Child Development. Seattle, WA.

### Teaching/Mentorship

#### Courses Taught

**Psy 577:** Advanced Child Assessment

**Psy 561.3:** Clinical Practicum in Child Neuropsychological Assessment and Child/Family Therapy  
**Psy 476:** Child Psychopathology

### Graduate Mentorship

Chair: 13 Doctoral students, 4 MA students

Committee Member: 14 Doctoral students, 12 MA students

### Undergraduate Mentorship

Over 30 undergraduate Psychology majors and Honors College students have worked under my direct research supervision. They have matriculated to dual degree MD/PhD programs (Rutgers); doctoral programs in medicine, clinical psychology, social work, and school psychology (e.g. UPITT, UNC Chapel Hill, VCU, Florida International University, Temple, Rutgers, Bowling Green State University); as well as MA-level programs in nursing (UPENN), social work/social policy and practice (UMICH, UPENN), educational psychology (Temple), counseling (Drexel, Duquesne), and occupational therapy (Wash U).

## **Professional Activities**

### **Mentorship/Training**

2015-current Member, training faculty for NIH/CTSI KL2 award to Penn State

### **Grant Review**

#### Principal Member:

2019-2023 National Academy of Sciences (NAS)

Ford Foundation Fellowship Program, Education Panel

2014-2019 Institute of Educational Science (IES): Basic Processes Research study section

#### Ad hoc:

2018 NSF: Developmental Sciences Program (2 reviews)

2014 NIH/NIGMS: Support of Competitive Research (SCORE)

2012 NIH/NIMH: Child Psychopathology and Developmental Disorders (CPDD) & Behavioral Neuroscience Fellowship (FO2A) study sections

NIH/NIGMS: Minority Biomedical Research Support (MBRS) study section

NSF: CAREER award study section

2009 Netherlands Organisation for Health Research and Development (ZonMw)

2008 Medical Research Council (MRC) of the United Kingdom

2004 Dutch Social Science Research Council of the Netherlands Organisation for Scientific Research (NWO)

2004 Richard B. Salomon Faculty Research Award (Brown University)

### **Editorial Experience**

2022-present Associate Editor *Research in Child and Adolescent Psychopathology*  
(formerly *J. of Abnormal Child Psychology*)

### **Editorial Board Experience**

2022-present *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*

2018-present *J of Psychopathology and Clinical Science* (formerly *J of Abnormal Psychology*)

2017-present *Research in Child and Adolescent Psychopathology*

2009-2013 *Neuropsychology*

### **Ad hoc Review:**

2002-current *Attention, Perception, & Psychophysics; Behavioral & Brain Functions, Biological Psychiatry, Brain Research, Child Development, Clinical Psychological Science, Development and Psychopathology, Developmental Science, Emotion, European J. Child and Adolescent Psychiatry, Frontiers Psychology, J. Applied Developmental Psychology, J. Attention Disorders, J. Child Psychology and Psychiatry, J. Clinical Child and Adolescent Psychology, J. Clinical Psychology, J. Cognition and Development, J. Consulting and Clinical Psychology, J. Emotional & Behavioral Disorders, J. Experimental Child Psychology, J. Experimental Psychology: Human Perception and Performance, J. Psychopathology and Clinical Science (formerly J. Abnormal Psychology), Neuropsychologia, Neuropsychology, Neuroscience & Biobehavioral Reviews, Pediatrics, Perception & Psychophysics, Psychological Assessment, Psychological Bulletin, Psychological Science, Research in Child and Adolescent Psychopathology (formerly J. Abnormal Child Psychology), Research in Developmental Disabilities*

### **University Service**

2021-current Departmental Early Career Mentor  
2021-current Clinical Area Steering Committee, member  
2020-current Clinical Area Student-Mentor Committee, member  
2011-current Promotion & Tenure Committee  
2014-2020: Associate Director of Graduate Training  
Graduate Training Committee  
2013-2015: Undergraduate Honor's advisor

### Ad hoc/past service:

2022 Clinic Director Search Committee, Chair  
2021 I/O Search Committee, member  
2017 Assistant Director of Psychological Clinic Search Committee, Chair  
2013: Clinical Psych Supervision Committee, member  
2012: Clinical Psych Atmosphere Committee, member  
2012: I/O Search Committee, member  
2007: CSC Directorship Search Committee, member

### Departmental Presentations:

*Success from thesis to tomb: Nothing to fear but fear itself* (2013). Invited presentation on women in academia for BRIDGE.

*How to Conduct a Job Search* (2006-2012) Biennial brown bag with Rosenbaum, D. & Mohammed, S. *Balancing Family and Career in Academic Psychology* (2006): Organized and conducted a group discussion with graduate students on balancing family and career in academic psychology.

*Graduate Preparation Day* (2004-2007): Presented at the yearly undergraduate information night regarding preparatory steps needed to apply for graduate programs in psychology related fields.

### **Community Service**

#### Volunteer

2023-current Volunteer/advocate at Centre Safe, an organization that provides domestic violence, sexual assault, and child access services to residents of Centre County. Funded by the Pennsylvania coalition against rape (PCAR) and Pennsylvania coalition against domestic violence (PCADV).

### Continuing Education Seminars

\* student co-presentors underlined

**Huang-Pollock, C.L.** (March, 2015). *Results from the Child Attention and Learning Study*. Presentation to the Harrisburg community and participants of recent research results for the second annual Parents and Children Together (PACT) sponsored research conference.

**Huang-Pollock, C.L.**, (January, 2014). *Improving social skills in children with ADHD: Parents as friendship coaches*. Presentation made to the Central Dauphin School District, Harrisburg PA.

**Huang-Pollock, C.L.** (November, 2013). *Results from the Child Attention and Learning Study*. Presentation to the Harrisburg community and participants of recent research results for the first annual Parents and Children Together (PACT) sponsored research conference.

**Huang-Pollock, C.L.** (October, 2012). *Attention Deficit Hyperactivity Disorder (ADHD): An up-to-date review of recent research for parents and teachers*. Presentation to the Harrisburg community as part of the “give back” to the community in relation to the Health Literacy Project.

**Huang-Pollock, C.L.**, (November, 2008). *Improving social skills in children with ADHD*. Presentation made to Strawberry Fields, Inc. of State College, PA.

**Huang-Pollock, C.L.**, Karalunas, S., & Scott, J. (January, 2008). *HALP! A toolbox for improving hyperactivity, attention, and Learning Problems in the classroom*. Presentation made for the annual conference of the National Association for the Education of Young Children (NAEYC).

**Huang-Pollock, C.L.** (March, 2006). *Causes of ADHD*. Presentation made for the annual conference Focus on Strong Families.

**Huang-Pollock, C.L.** (March, 2006). *Evidence based assessment of ADHD: Beyond DSM-IV*. Presentation made for the annual conference of the Pennsylvania Child and Adolescent Service System Program (CASSP).

**Huang-Pollock, C.L.** (March, 2005). *ADHD: A diagnosis and treatment primer for parents and teachers*. Presentation made for the annual conference Focus on Strong Families.

### **Affiliations**

1997-present: Association for Psychological Science (APS)  
2004-present: International Society for Research in Child and Adolescent Psychopathology (ISRCAP)  
2008-2014: Society for Research in Child Development (SRCD)  
1997-2015: American Psychological Association (APA)