

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

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### Current Position

Professor of Psychology  
Associate Director of Graduate Studies  
Pennsylvania State University, University Park, PA  
Licensed Clinical Psychologist

### 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 training, University of California, San Francisco, San Francisco, CA  
2002-2003 Clinical Internship 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

#### Current

2017-current **Huang-Pollock** (PI), R56 MH084947, National Institutes of Mental Health (\$790,507); *Identifying sources of neurocognitive heterogeneity in ADHD and Anxiety.*  
2014-current **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.*

#### Completed

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 **Principal Investigator**, R03 MH075731, National Institutes of Mental Health. (\$50,000), *Working Memory and Skill Acquisition in Childhood ADHD*.
- 1999-2001 **Principal Investigator**, F31 MH012333, National Institutes of Mental Health, (\$64,565). *Attention and Inhibition in Child and Young Adult ADHD*.

#### Mentored Student Training Fellowships

- 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 Honorable Mention. *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*.
- 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*.

### **Publications**

\* student co-authors underlined

- Shapiro, Z. & **Huang-Pollock**, C. (in press). A diffusion-model analysis of timing deficits among children with ADHD. *Neuropsychology*
- Weigard, A., Heathcote, A., Matzke, D. & **Huang-Pollock**, C. (in press). A Bayesian model-based analysis of stop-signal task performance reveals attentional causes of apparent inhibition deficits in ADHD. *Clinical Psychological Science*.
- Weigard, A., **Huang-Pollock**, C., Heathcote, A., Hawk, L., & Schlienz, N. (in press). A cognitive model-based approach to testing mechanistic explanations for neuropsychological decrements during tobacco abstinence. *Psychopharmacology*.
- 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.
- Karalunas, S., Bierman, K., & **Huang-Pollock, C.** (2016). Test-retest reliability and measurement invariance of executive function tasks in young children with and without ADHD. *Journal of Attention Disorders*. <https://doi.org/10.1177/1087054715627488>
- 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**, Shapiro, Z., Galloway-Long, H., & Feldman, J. (in press) A practical guide for designing and conducting experimental studies in child psychopathology. In A. Wright & M. Hallquist (Eds), *Handbook of Research Methods in Clinical Psychology*. Cambridge University Press
- 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.

### Under Review

- Shapiro, Z., **Huang-Pollock**, C., Graham, J., & Neely, K. (in review). Making the most of it: Application of missing data measurement to increase the efficiency of diagnostic assessment.
- Weigard, A., Wilson, S., Shapiro, Z., Galloway-Long, H., & **Huang-Pollock**, C. (in review) Neural correlates of working memory’s suppression of aversive olfactory distraction effects.
- Huang-Pollock**, C., Ratcliff, R., McKoon, G., Roule, A., Warner, T., Wise, S., Feldman, J. (in review). A diffusion model analysis of sustained attention in ADHD.

### 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 Development. 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 Development. Portland, Oregon.

### Oral Presentations

\* student co-authors underlined

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 Development. 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 Development. 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 Development. 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, C.**, Ratcliff, McKoon, Weigard, A., Shapiro, Z., & Galloway-Long, H. (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 Development. 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 Development, 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

\* student co-authors underlined

- 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. 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. 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. 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. 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. Los Angeles, CA.
- Galloway-Long, H. & **Huang-Pollock**, C. (October, 2018) *Using the diffusion model as a diagnostic tool for ADHD*. Poster presented at the 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. & 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. San Diego, CA.
- 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.
- Mattei, G. & Huang-Pollock, C.L. (May, 2012). *Action control orientation: Moderating Effects On Outcomes In Children With Attention Deficit Hyperactivity Disorder*. Poster presented at the annual meeting of the Association for Psychological Science. Chicago, IL.
- Greenberg, L., Arnett, P., & Huang-Pollock, C.L. (May, 2012). *The impact of concussion on processing speed and individual reaction time components*. Poster presented at the annual meeting of the Association for Psychological Science. Chicago, IL.
- Karalunas, S., & Huang-Pollock, C.L. (February, 2012). *More than the mean: Mechanisms underlying group differences in reaction times in ADHD*. Poster presented at the annual meeting of the International Neuropsychology Society
- Huang-Pollock, C.L., Karalunas, S., Tam, H., & Moore, A** (October, 2011). *Individual differences in drift rate mediates the relationship between ADHD diagnosis and working memory capacity*. Poster presented at the annual meeting of the European Network for Hyperkinetic Disorders (Eunethydis), Budapest.
- Huang-Pollock, C.L., Karalunas, S., Moore, A., Tam, H.** (June, 2011). *Working memory subsystems and their contribution to working memory deficits in children with ADHD*. Poster presented at the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, Chicago, IL.
- Radcliff, Z. & Huang-Pollock, C (June, 2010). *Attention Deficit Hyperactivity Disorder: The role of parental psychopathology*. Poster presented at the annual meeting of the Pennsylvania Psychological Association, Harrisburg, PA.
- Karalunas, S. & Huang-Pollock, C. (May, 2010). *Consistently Inconsistent: Effects of Reward on Patterns of Intraindividual Variability*. Poster presented at the annual meeting of the European Network for Hyperkinetic Disorders (Eunethydis), Amsterdam.
- Tam, H., Moore, A., & Huang-Pollock, C. (May, 2010). *The Influence of Error Processing on Skill Acquisition in Children with ADHD*. Poster presented at the annual meeting of the European Network for Hyperkinetic Disorders (Eunethydis), Amsterdam.
- Karalunas, S., Gatzke-Kopp, L., & Huang-Pollock, C. (October, 2009). *Understanding intra-individual variability in autonomic and ERP measures*. Poster presented at the annual meeting of the Society for Psychophysiological Research (SPR), Berlin, Germany.
- Karalunas, S., Scott, J., & Huang-Pollock, C. (June, 2009). *A meta-analysis of sustained attention functions in children with ADHD*. Poster presented at the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, Seattle, Washington.
- Huang-Pollock, C., Maddox, T., Scott, J., & Karalunas, S.** (March, 2009). *Development of Implicit Category Learning*. Poster presented at the biannual meeting of the Society for Research in Child Development, Denver, CO.

- McKinnis, K. & Huang-Pollock, C. (May, 2008). *Comorbid anxiety and ADHD predict unique and shared variance in academic achievement*. Poster presented at the annual meeting of the Association for Psychological Science, Chicago, IL.
- Huang-Pollock, C., Mikami, A., Pfiffner, P., & McBurnett, K.** (May, 2008). *Executive function deficits predict verbal social competence in ADHD subtypes*. Poster presented at the annual meeting of the Association for Psychological Science, Chicago, IL.
- Tkach, E. & Huang-Pollock, C. (2007). *Anxiety levels in relation to Attention Deficit Hyperactivity Disorder Symptoms*. Poster presented at the annual meeting of the Pennsylvania Child and Adolescent Service System Program (CASSP), University Park, PA.
- Huang-Pollock, C., Karalunas, S., Radzioch, A.** (June, 2007). *Working Memory moderates skill acquisition in childhood ADHD*. Poster presented at the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, London, England.
- Karalunas, S. & Huang-Pollock, C. (June, 2007). *Relationships between delay aversion, inhibition, and working memory in ADHD*. Poster presented at the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, London, England.
- Huang-Pollock, C., Mikami, A., Pfiffner, P., & McBurnett, K.** (June, 2005). *Impact of increased motivation on motor inhibition in ADHD-I*. Poster presented at the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, New York, NY.
- Mikami, A., Pfiffner, L., & **Huang-Pollock, C.** (March, 2005). *Computerized Assessment of Social Skills Among Children With and Without Attention-Deficit/Hyperactivity Disorder (ADHD)*. Poster presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
- Pfiffner, L., Prochaska, J., **Huang-Pollock, C.,** Easterlin, B., Fletcher, L., Page, B. & McBurnett, K. (June, 2003). *Integrative Psychosocial Treatment for ADHD-Predominantly Inattentive Type: Preliminary results from a pilot test of the program*. Poster presented at the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, Sydney, Australia.
- Huang-Pollock, C.L. & Nigg, J.T.** (March, 2003). *Searching for the attention deficit in ADHD: A meta-analytic review of the covert orienting literature in ADHD*. Poster presented at the "Roots of Mental Illness in Children" meeting of the New York Academy of Sciences, New York, New York.
- Park L, Nummy K, **Huang-Pollock C,** Rappley M, Nigg J, Friderici K. (October, 2002). *Association and linkage study of ADHD using a polygenic model*. 52<sup>nd</sup> Annual Meeting of the American Society of Human Genetics, Baltimore, MD.
- Nigg, J.T., Oliver, J., Blaskey, L., **Huang-Pollock, C.L.,** Willcutt, E., Hinshaw, S., & Pennington, B. (June, 2001). *Toward integration of personality traits and ADHD symptoms: A multi-study, multi-construct, multi-method investigation*. Poster presented at the biannual meetings of the International Society for Research in Child and Adolescent Psychopathology, Vancouver, Canada.
- Huang-Pollock, C.L. & Nigg, J.T.** (June, 2001). *Selective Attention in ADHD: Response Modulation vs. Executive Control Deficits*. Poster presented at the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, Vancouver, Canada.
- Sheridan, M.A., Eade, C.C., **Huang-Pollock, C.,** Nigg, J.T., & Carr, T.H. (May, 2001). *Complex task environments can facilitate performance of ADHD young adults: Story writing as a test case*. Poster presented at the annual meeting of the Midwest Psychological Association, Chicago, IL.

- Huang-Pollock, C.L. & Carr, T.H.** (April, 2001). *Development of selective attention: Perceptual load influences early vs. late selection*. Poster presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, Minnesota.
- Huang-Pollock, C.L., Nigg, J.T., Henderson, J.M., & Carr, T.H.** (June, 2000). *Covert attention in children with ADHD*. Poster presented at the annual meeting of the American Psychological Society, Miami, Florida.
- Nigg, J.T., Blaskey, L., & **Huang, C.L.** (June, 1999). *Which executive/inhibitory deficits go with which subtypes of ADHD?* Poster presented at the biannual meetings of the International Society for Research in Child and Adolescent Psychopathology, Barcelona, Spain.
- Orians, C. M., **Huang, C. L.**, Zee, P., Dao, M. T., & Fritz, R. S. (1995, July). *Hybridization, foliar chemistry and the relative acceptability of hybrid and parental willows to a variety of beetle species*. Poster presented at the annual meeting of the Ecological Society of America, Snowbird, Utah.

### Courses Taught

- Psy 577:** Advanced Child Assessment
- Psy 561.3:** Clinical Practicum in Child Neuropsychological Assessment and Child/Family Therapy
- Psy 476:** Child Psychopathology

### Professional Activities

#### Mentorship/Training

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

#### Grant Review

##### Principal Member:

2016-2018 IES: Basic Processes Research study section

##### Ad hoc:

2018 NSF: Developmental Sciences Program (2 reviews)

2014, 2015, 2019 IES: Basic Processes Research study section

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

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

#### Journal Review

2018-present Editorial Board, *Journal of Abnormal Psychology*

2017-present Editorial Board, *Journal of Abnormal Child Psychology*

2009-2013 Consulting Editorial Board, *Neuropsychology*

Ad hoc:

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

**University and Community Service**

**Departmental Service:**

2011-current: Promotion & Tenure  
2014-current: Associate Director of Graduate Training  
Graduate Training Committee

Ad hoc/past service:

2017 Assistant Director of Psychological Clinic, Search Committee  
2013-2015: Undergraduate Honor's advisor  
2013: Clinical Psych Supervision Committee member  
2012: Clinical Psych Atmosphere Committee member  
2012: I/O Search Committee member  
2007: CSC Directorship Search Committee, Graduate Training Committee

Community Service:

\* 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)