

## SAMMY PERONE, Ph.D.

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### EDUCATION

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Ph.D. 2010 University of Iowa, Iowa City, IA  
Psychology

B.A. 2003 Purdue University, West Lafayette, IN  
Psychology

### ACADEMIC EXPERIENCE

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**Washington State University**, Pullman, WA  
2016-Current *Assistant Professor*, Human Development  
*Graduate Faculty*, Interdisciplinary Prevention Science Doctoral Program

**University of Minnesota**, Minneapolis, MN  
2014-2016 *NIMH Postdoctoral Fellow*, Institute of Child Development

**University of Iowa**, Iowa City, IA  
2011-2014 *Postdoctoral Scholar*, Psychology  
2004-2010 *Research and Teaching Assistant*, Psychology

### PUBLICATIONS

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#### Refereed Journal Articles

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| <ul style="list-style-type: none"><li>a) Developed the initial idea</li><li>b) Obtained or provided funds or other resources</li><li>c) Collected data</li><li>d) Analyzed data</li><li>e) Wrote/created product</li><li>f) Edited product</li></ul> <p>*Student authors</p> |
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#### 2019

- Perone, S.** & Simmering, V. R. (in press). Connecting the dots: Finding continuity across visuospatial tasks. *Frontiers in Psychology: Developmental Psychology*. [a,c,d,e,f]
- Perone, S.**, Weybright, E. H., & \*Anderson, A. J. (in press, available online). Over and over again: Changes in frontal EEG asymmetry across a boring task. *Psychophysiology*. doi.org/10.1111/psyp.13427 [a,b,c,d,e,f]
- Perone, S.**, & Gartstein, M. A. (in press, available online) Mapping cortical rhythms to infant behavioral tendencies via baseline EEG and parent-report. *Developmental Psychobiology* doi.org/10.1002/dev.21867 [a,d,e,f]

- Perone, S., \*Plebanek, D., \*Lorenz, M., Spencer, J. P., & Samuelson, L. K. (2019).** Empirical tests of a brain-based model of executive function. *Child Development, 90*, 210-226. doi: 10.1111/cdev.12885 [a,c,d,e,f]
- 2018**
- \*Anderson, A. J., & **Perone, S. (2018).** Developmental change in the resting state electroencephalogram: Insights into cognition and the brain. *Brain and Cognition, 126*, 40-52. doi.org/10.1016/j.bandc.2018.08.001 [a,e,f]
- Perone, S., \*Palanisamy, J., & Carlson, S.M. (2018).** Age-related changes in brain rhythms from early to middle childhood: Links to Executive Function. *Developmental Science, 21*, e12691. doi.org/10.1111/desc.12691 [a,c,d,e,f]
- 2017**
- Ross-Sheehy, S., **Perone, S., \*Macek, K., & \*Eschman, B. (2017).** Visual orienting and attention deficits in 5- and 10-month-old preterm infants. *Infant Behavior and Development, 46*, 80-90. [c,e,f]
- 2016**
- Ross-Sheehy, S., **Perone, S., Vecera, S., & Oakes, L. M. (2016).** The relationship between sitting and the use of symmetry as a cue to figure-ground assignment in 6.5-month-old infants. *Frontiers in Developmental Psychology. [a,c,d,e,f]*
- 2015**
- Perone, S., \*Molitor, S. J., Buss, A. T., Spencer, J. P., & Samuelson, L. K. (2015).** Enhancing executive function in 3-year-old children performing the dimensional change card sort task. *Child Development, 86*, 812-827. [a,c,d,e,f]
- 2014**
- Perone, S., & Spencer, J. P. (2014).** The co-development of looking and discrimination during infancy. *Developmental Psychology, 50*, 837-852. [a,c,d,e,f]
- 2013**
- Perone, S., & Spencer, J. P. (2013).** Autonomy in action: Linking the act of looking to memory formation in infancy via dynamic neural fields. *Cognitive Science, 37*, 1-60. [a,c,d,e,f]
- Perone, S., & Spencer, J. P. (2013).** Autonomous visual exploration creates developmental change in familiarity and novelty seeking behaviors. *Frontiers in Psychology: Cognitive Science, 4*, 1-30. [a,c,d,e,f]
- Simmering, V. R., & **Perone, S. (2013).** Working memory capacity as a dynamic process. *Frontiers in Psychology: Hypothesis and Theory, 3*, 1-26. [a,c,d,e,f]
- 2012**
- Spencer, J. P., Barich, K., Goldberg, J., & **Perone, S. (2012).** Behavioral dynamics and neural grounding of a dynamic field theory of multi-object tracking. *Journal of Integrative Neuroscience, 11*, 339-362. [a,f]
- 2011**
- Perone, S., Simmering, V. R., & Spencer, J. P. (2011).** Stronger neural dynamics capture changes in infants' visual short-term memory capacity. *Developmental Science, 14*, 1379-1392. [a,c,d,e,f]
- Perone, S., Madole, K. L., & Oakes, L. M. (2011).** Learning how actions function: How infants learn about actions on objects. *Infant Behavior and Development, 34*, 351-362. [a,c,d,e,f]
- Spencer, J. P., **Perone, S., Smith, L. B., & Samuelson, L. K. (2011).** Learning words in space and time: Probing the mechanisms behind the suspicious coincidence. *Psychological Science, 22*, 1049-1057. [c,d,e,f]

Spencer, J. P., **Perone, S.**, & Buss, A.T. (2011). Twenty years and going strong: A dynamic systems revolution in motor and cognitive development. *Child Development Perspectives*, 5, 260-266. [e,f]

#### 2010

Samuelson, L. K. & **Perone, S.** (2010). Rethinking conceptually-based inference: Grounding representation in task and behavioral dynamics. Commentary on “Fifteen-month-old infants attend to shape over other perceptual properties in an induction task” by S. Graham and G. Diesendruck, and “Form follows function: Learning about function helps children learn about shape” by E. Ware and A. Booth. *Cognitive Development*, 25, 138-148. [a,e,f]

#### 2008

**Perone, S.**, Madole, K. L., Ross-Sheehy, S., \*Carey, M., & Oakes, L. M. (2008). The relation between infants’ activity with objects and attention to object appearance. *Developmental Psychology*, 44, 1242-1248. [a,c,e,f]

Spencer, J. P. & **Perone, S.** (2008). Defending qualitative change: The view from dynamical systems theory. *Child Development*, 79, 1639-1647. [c,d]

#### 2006

**Perone, S.** & Oakes, L. M. (2006). It clicks when it is rolled and it squeaks when it is squeezed: What 10-month-old infants learn about object function. *Child Development*, 77, 1608-1622. [a,c,d,e,f]

### Refereed Manuscripts Invited to Revise & Resubmit

None

### Refereed Manuscripts Resubmitted

**Perone, S.**, & Gartstein, M. A. Relations between functional connectivity and parent-infant interactions. *Infant Behavior and Development*

### Refereed Manuscripts Under First Review

**Perone, S.**, \*Anderson, A.J., & \*Youatt, E. A. Don’t forget your lunch: Age and individual differences in how children complete everyday tasks.

### Refereed Abstracts/Proceedings

Simmering, V.R., & **Perone, S.** (2017) Bridging Visual Working Memory Research from Infancy through adulthood with Dynamic Neural Field Modeling. *Proceedings of the 39<sup>th</sup> Cognitive Science Society*, London, UK.

Oakes, L. M., **Perone, S.**, & Madole, K. L. (2008). How outcomes of actions influence infants’ representation of those actions. *Proceedings of the 30<sup>th</sup> Annual Cognitive Science Society*, Washington, D.C.

**Perone, S.**, Spencer, J. P., & Schöner, G. (2007). A dynamic field theory of visual recognition in infant looking tasks. *Proceedings of the 29<sup>th</sup> Annual Cognitive Science Society*, Nashville, TN.

**Perone, S.,** Spencer, J. P., Schöner, G., & Oakes, L. M. (2006). Toward a dynamic field theory of infant category learning in habituation tasks. *Proceedings of the Fifth International Conference on Development and Learning*. Bloomington, IN.

### Non-Refereed Book Chapters & Technical Reports

**Perone, S.,** Almy, B., & Zelazo, P. D. (2018). Toward an understanding of the neural basis of executive function. In R. L. Gibb & B. Kolb (Eds.). *The Neurobiology of Brain and Behavioural Development*. San Diego, CA: Academic Press.

**Perone, S.,** & Simmering, V. R. (2017). Applications of dynamic system theory to cognition and development: New frontiers. In J. B. Benson (Ed.), *Advances in Child Development and Behavior* (Vol. 52, pp. 43–80). Elsevier.

**Perone, S.,** & Ambrose, J. (2015). A process view of learning and development in an autonomous exploratory system. Schöner, G., Spencer, J.P., & the DFT Research Group (2015). *Dynamic Thinking: A Primer on Dynamic Field Theory*. Oxford University Press, New York, NY.

Spencer, J. P., **Perone, S.,** Johnson, J. S. (2009). The dynamic field theory and embodied cognitive dynamics. In J.P. Spencer, M.S. Thomas, & J.L. McClelland (Eds.) *Toward a Unified Theory of Development: Connectionism and Dynamic Systems Theory Re-Considered* (p. 86-118). New York: Oxford University Press.

Oakes, L. M., Horst, J. S., Kovack-Lesh, K. A. & **Perone, S.** (2008). How Infants Learn Categories. In A. Woodward & A. Needham (Eds.) *Learning and the Infant Mind* (pp. 144-171). New York: Oxford University Press.

### FUNDING

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- 1) Provided the initial idea
- 2) Developed research/program design and hypotheses
- 3) Authored or co-authored grant application
- 4) Developed and/or managed budget
- 5) Managed personnel, partnerships, and project activities

### Completed

The role of executive function in learning. Bezos Family Foundation Early Childhood Research Fund (\$94,857). Role: Co-PI. (2015-2017) [1,2,3,4,5].

### Under Review

Probing the origins of approach and avoidance processes: brain, behavioral, and contextual factors. National Science Foundation (\$602,043). Role: Co-PI

Effects of mother-infant brain coordination on emerging self-regulation: Testing the synchronization hypothesis. National Institute of Child Health and Development (\$396,261). Role: Co-PI

**Not Funded**

- Probing the origins of approach and avoidance processes: brain, behavioral, and contextual factors. National Science Foundation (\$594,182). Role: Co-PI
- Reality check: A paradigm shift in the study of cognitive development. Washington State University 2018 New Faculty Seed Grant (\$18, 330). Role: PI
- A new bottom-up approach to strengthening executive function development. National Institute of Child Health and Development (\$ 770,275). Role: Co-PI.
- A brain-based simulation tool to identify the experiences that strengthen executive function development. National Science Foundation ( \$449,012). Role: Co-PI
- Boredom, brains, and booze: A multi-method examination of the individual and contextual influences of risk-taking and substance use in a college setting. Alcohol and Drug Abuse Program at Washington State University (\$9,269). Role: Co-I (PI: Anderson).

**PRESENTATIONS**

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**Refereed Conference Symposia**

- Perone, S.**, Gartstein, M. A., & Anderson, A. J. (2019, October). Multiple time scales of brain-to-brain synchronization. Talk presented at the 52<sup>nd</sup> annual conference for the International Society for Developmental Psychobiology, Chicago, IL.
- Perone, S.**, Anderson, A.A., & Zelazo, P.D. (2017, April). Becoming a rock star: Learning, executive function, and rock n' roll. In S. Perone (Chair) *Breaking New Ground: Innovations in the Study of Executive Function Development*. Talk presented at the 73<sup>rd</sup> Biennial Meeting of the Society for Research in Child Development, Austin, TX.
- Meuwissen, A., Distefano, R., Faber, J., Grenell, A., **Perone, S.**, Prager, E., Schubert, E., Semenov, A., Vaisarova, J., Zelazo, P.D., & Carlson, S.M. (2017, April). Psychometrics of the Minnesota Executive Function Scale. In P. Morris (Chair) *Strengthening the measurement toolbox: Development and validation of technology-based executive function and cognitive assessments*. Talk presented at the 73<sup>rd</sup> Biennial Meeting of the Society for Research in Child Development, Austin, TX.
- Samuelson, L. K., **Perone, S.**, & Spencer, J. P. (2016, June). Linking the shape bias to visual attention and memory processes: A dynamic neural field model. In L. K. Samuelson (Chair) *Strategies and Contexts for Word Learning*. Talk presented at the 20<sup>th</sup> Biennial International Conference on Infant Studies, Baltimore, MD.
- Simmering, V.R. & **Perone, S.** (2016, June). Connecting the dots: Developmental continuity in working memory processes from infancy through later childhood. In V.R. Simmering (Chair) *New Insights From Systems Approaches to Cognition and Development*. Talk presented at the 45<sup>th</sup> Annual Meeting of The Jean Piaget Society, Chicago, IL.
- Simmering, V.R. & **Perone, S.** (2016, July). Bridging visual working memory research from infancy through adulthood using dynamic systems models. In V. Camos (Chair) *Working Memory Development*, invited symposium at the 31<sup>st</sup> International Congress of Psychology, Yokohama, Japan.
- Perone, S.**, Lorenz, M., Spencer, J. P., & Samuelson, L. K. (2015, June). *A theoretically guided approach to laboratory-based interventions*. Talk presented at the 45<sup>th</sup> Annual Meeting of The Jean Piaget Society, Toronto, Canada.

- Perone, S.**, Lorenz, M., Spencer, J. P., & Samuelson, L. K. (2015, March). *Fostering executive function across contexts*. In Perone, S. (Chair), *Thinking beyond the lab: Understanding cognition across contexts can advance the application of developmental research*. Talk presented at the 72<sup>th</sup> Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.
- Perone, S.**, Spencer, J. P., & Samuelson, L. K. (2012, June). *Getting a Handle on Developmental Change in Looking and Discrimination*. In Brez, C. (Chair), *Making Sense of Infant Eye Movements*. Talk presented at the 18<sup>th</sup> Biennial International Conference on Infant Studies, Minneapolis, MN.
- Perone, S.** & Spencer, J. P. (2011, March). *Multiple agents, multiple time scales: A dynamic systems model of the co-development of parent-infant interactions*. In Simmering, V. R. & Perone, S. (Chairs), *Insights From Dynamic Systems Approaches to Development*. Talk presented at the 70<sup>th</sup> Biennial Meeting of the Society for Research in Child Development, Montreal, Canada.
- Perone, S.** & Spencer, J. P. (2010, March). *Developing in the moment: A dynamic systems model of looking and learning in a shared environment*. In Perone, S. & Gros-Louis, J. (Chairs), *Integrating Across Systems and Time Scales: The Role of Parental Responsiveness In Developmental Change In Learning*. Talk presented at the 17<sup>th</sup> Biennial International Conference on Infant Studies, Baltimore, MD.
- Perone, S.** & Spencer, J. P. (2009, April). *Category structure affects how infants look and learn*. In Perone, S. & Perry, L. (Chairs), *Past, Present, and Future: Forming Categories Across Multiple Time Scales*. Talk presented at the 68<sup>th</sup> Biennial Meeting of the Society for Research in Child Development, Denver, CO.
- Oakes, L. M., **Perone, S.**, & Madole, K. L. (July, 2008). *How outcomes of actions influence infants' representation of those actions*. In Oakes, L.M. (Chair), *Actions and Explanations*. Talk presented at the 30<sup>th</sup> Annual Conference of the Cognitive Science Society, Washington, D.C.
- Perone, S.**, Spencer, J.P., & Oakes, L.M. (2008, March). *Learning and recognition in an autonomous dynamic system*. In Schöner, G. & Fisher-Thompson, D. (Chairs), *Representations in Action: How Looking and Reaching Guide the Formation of Item and Category Representations*. Talk presented at the 16<sup>th</sup> Biennial International Conference on Infant Studies, Vancouver, Canada.
- Oakes, L.M. & **Perone, S.** (2007, October). *The relation between motor development and infants' representation of the surface features of objects*. In Cicchino, J. & Rakison, D. (Chairs), *The Function of Action in Perceptual and Cognitive Development*. Talk presented at the Fifth Biennial Meeting of the Cognitive Development Society, Santa Fe, NM.
- Schöner, G., Dineva, E., **Perone, S.**, & Spencer, J. P. (2007, September). *How cognition emerges: The framework of dynamic field theory*. Talk presented at the Ninth European Conference on Artificial Life, Lisbon, Portugal.
- Spencer, J.P., Simmering, V.R., **Perone, S.** & Johnson, J.S. (2007, March). *Using dynamic field theory to understand the integration of where and what over development*. In J.P. Spencer & L.M. Oakes (Chairs), *What AND Where: The Co-Development of Dorsal and Ventral Stream Processes*. Paper presented at the 67<sup>th</sup> Biennial Meeting of the Society for Research in Child Development, Boston, MA.

**Refereed Conference Posters**

- Anderson, A. J., [Campagna, A. X., Potter, L. K., & Underwood, J. J.,] **Perone, S.**, & Gartstein, M. A. (October, 2019). Frontal asymmetry in parent-infant play: Links to object exploration and parent-report. Poster presented at the 52<sup>nd</sup> annual conference for the International Society for Developmental Psychobiology, Chicago, IL.
- Anderson, A. J., **Perone, S.**, & Weybright, E. H. (October, 2019). Trait boredom and risky choices in adolescents and emerging adults: An event-related potential study. Poster presented at the 52<sup>nd</sup> annual conference for the International Society for Developmental Psychobiology, Chicago, IL.
- Anderson, A. J., Weybright, E. H., & **Perone, S.** (May, 2019). Boredom regulation and brain waves: Neurophysiological correlates of emotion regulation during a boring task. Poster presented at 27<sup>th</sup> annual conference for Society for Prevention Research, San Francisco, CA.
- Perone, S.**, Gartstein, M. A., Anderson, A. J., Vaughan, A. M., & Weaver, R. A.. (March, 2019). Simultaneous EEG of parent-infant dyads during play and emotion regulation. Poster presented at the 1st annual Northwest Social Cognitive Development Conference, San Juan Island, WA.
- Anderson, A.A., **Perone, S.**, Gartstein, M.A., & Youatt, E.A. (March, 2019). Infant brain rhythms in parent-infant play. Poster to be presented at the 74<sup>th</sup> Biennial Meeting of the Society for Research on Child Development, Baltimore, MD.
- Youatt, E., Anderson, A.A., & **Perone, S.** (October, 2017). Don't forget your lunch: Executive functions in everyday tasks. Poster presented at the 10<sup>th</sup> Biennial Meeting of the Cognitive Development Society, Portland, OR.
- Anderson, A. J., **Perone, S.**, & Zelazo, P.D. (April, 2017). *Using parent-child conversation to promote self-regulated learning*. Poster presented at the 73<sup>rd</sup> Biennial Meeting of the Society for Research in Child Development, Austin, TX.
- Palanisamy, J., **Perone, S.**, & Carlson, S.M. (April, 2017). *Developmental change in brain oscillations during early childhood*. Poster presented at the 73<sup>rd</sup> Biennial Meeting of the Society for Research in Child Development, Austin, TX.
- Perone, S.** & Carlson, S. M. (October, 2015). *Probing relations between neural and executive function development*. Poster presented at the 9<sup>th</sup> Biennial Meeting of the Cognitive Development Society, Columbus, OH.
- Anderson, A., **Perone, S.** & Zelazo, P. D. (October, 2015). *Children learn to play Rock Band: Probing relations between executive function and learning*. Poster presented at the 9<sup>th</sup> Biennial Meeting of the Cognitive Development Society, Columbus, OH.
- Perone, S.** & Zelazo, P. D. (June, 2015). *A neural network plays rock band: Implications for Learning and Cognitive Development*. Poster presented at the 45<sup>th</sup> Annual Meeting of the Jean Piaget Society, Toronto, Canada.
- Plebanek, D., **Perone, S.**, & Samuelson, L. K. (2015, March). *The role of property-property mappings on cognitive flexibility*. Poster presented at the 72<sup>st</sup> Biennial Meeting for the Society for Research on Child Development, Philadelphia, PA.
- Plebanek, D., **Perone, S.**, & Samuelson, L. K. (2014, April). *The role of ambiguity in cognitive flexibility*. Poster session presented at the Spring Undergraduate Research Festival, Iowa City, IA.

- Plebanek, D., **Perone, S.**, Buss, A. T., & Samuelson, L. K. (2013, December). *The role of labels and perceptual information on children's executive functions*. Poster session presented at the Fall Undergraduate Research Festival, Iowa City, IA.
- Samuelson, L. K., **Perone, S.**, Molitor, S., Buss, A., & Spencer, J. P. (2013, August). *Dimensional Experience induces attention shifting in the dimensional change card sort (DCCS) task*. Poster presented at the 35<sup>th</sup> annual Cognitive Science Conference, Berlin, Germany.
- Molitor, S., **Perone, S.**, Buss, A.T., Spencer, J.P., & Samuelson, L.K. (2013, March). *The role of dimensional experience in the dimensional change card sort (DCCS) task*. Poster session presented at Research in the Capitol, Des Moines, IA.
- Molitor, S., **Perone, S.**, Buss, A. T., Spencer, J. P., Samuelson, L. K. (2013, April). *The role of dimensional experience in the DCCS task*. Poster presented at the 71<sup>st</sup> Biennial Meeting for the Society for Research on Child Development, Seattle, WA.
- Kellen, K., Ross-Sheehy, S., **Perone, S.**, & Spencer, J. P. (2012, June). *How attention and memory work together in full- and preterm infant populations*. Poster presented at the 18<sup>th</sup> Biennial International Conference on Infant Studies, Minneapolis, MN.
- Austin, A. R., **Perone, S.**, Ross-Sheehy, S., & Spencer, J. P. (2011, March). *Looking at the neural dynamics of habituation with dynamic neural fields and near-infrared spectroscopy*. Poster presented at the 70<sup>th</sup> Biennial Meeting for the Society for Research on Child Development, Montreal, Canada.
- Perone, S.** & Spencer, J. P. (2011, March). *Developmental changes in infants' metric representations*. Poster presented at the 70<sup>th</sup> Biennial Meeting for the Society for Research on Child Development, Montreal, Canada.
- Perone, S.** & Spencer, J. P. (2009, October). *A dynamic systems approach to the development of stable individual and populations differences during infancy*. Poster presented at the 6<sup>th</sup> Biennial Meeting for the Society for the Study of Human Development, Ann Arbor, MI.
- Perone, S.** & Spencer, J. P. (2009, April). *Modeling how looking dynamics affect memory formation in typically developing and at-risk infant populations*. Poster presented at the 68<sup>th</sup> Biennial Meeting of the Society for Research on Child Development, Denver, CO.
- Spencer, J. P. & **Perone, S.** (2008, May). *A dynamic field theory of multi-object tracking*. Poster session presented at the Eighth Annual Meeting of the Vision Science Society, Naples, FL.
- Perone, S.** & Spencer, J.P. (2008, March). *Linking individual differences in looking behavior to learning and recognition*. Poster presented at the 16<sup>th</sup> Biennial International Conference on Infant Studies, Vancouver, Canada.
- Spencer, J. P., Simmering, V. R., **Perone, S.**, & Ross-Sheehy, S. (2008, May). *The development of visual working memory: Bridging the theoretical and empirical gap between infancy and five years*. Poster presented at the 16<sup>th</sup> Biennial International Conference on Infant Studies, Vancouver, Canada.
- Perone, S.** & Spencer, J.P. (2007, October). *Linking looking dynamics to learning and recognition*. Poster presented at the Fifth Biennial Meeting of the Cognitive Development Society, Santa Fe, NM.



- Perone, S. & Oakes, L. M.** (2007, March). *Prioritizing static and dynamic features at 7 months of age*. Poster presented at the 67<sup>th</sup> Biennial Meeting of the Society for Research on Child Development, Boston, MA.
- Perone, S. & Oakes, L.M.** (2005, October). *When it is rolled it clicks and when it is squeezed it squeaks: What 10-month-old infants learn about object function*. Poster presented at the Fourth Biennial Meeting of the Cognitive Development Society, San Diego, CA.
- Perone, S. & Spencer, J. P.** (2005, June). *Bringing the dynamics of habituation to bear on infants' formation of inclusive and exclusive categories*. Poster presented at Connectionist and Dynamic Systems Approaches to Development: On the Cusp of a New Grand Theory or Still Too Distributed? Iowa City, IA.

### **Invited Talks**

- Perone, S.** (2017, November). The Brain, Rock N' Roll, and Everything in Between. Talk presented at Washington State Vancouver, Department of Human Development Undergraduate Colloquium Series
- Perone, S.** (2017, October). Get Real: From Brain-based Theory to Real World Behavior. Talk presented at Department of Psychology weekly colloquium, University of Tennessee, Knoxville, TN.
- Perone, S.** (2017, May). The Building Blocks of Development. Talk presented at the Annual Conference of the Association of Children's Museums, Pasadena, CA.
- Perone, S.** (2017, March). Learning, Executive Function, and Rock N' Roll. Talk presented at Hallie E. Ford Center for Healthy Children and Families, Oregon State University, Corvallis, OR.
- Perone, S.** (2016, October). Learning, Executive Function, and Rock N' Roll. Talk presented as a visiting educator, Whitman College, Walla Walla, WA.
- Perone, S.** (2015, October). Toward a complete understanding of executive function. Talk presented at the weekly colloquium for the Department of Psychology, North Dakota State University, Fargo, ND.
- Perone, S.** (2015, January). From time scales and dimensions to executive processes. Talk presented at the weekly colloquium for the Center for Cognitive Science, University of Minnesota, Minneapolis, MN.
- Perone, S. & Spencer, J. P.** (2011, October). Where does predictability in development come from? Insights from a dynamic neural field model. Talk presented at the Cognitive Center Pre-conference event, *Creating Development: Integrating Processes Over Multiple Timescales*. Philadelphia, PA.
- Perone, S. & Spencer, J. P.** (2011, April). Multiple agents acting over multiple time scales: How cognitive and behavioral dynamics work together in a dyadic context. Talk presented at the Delta Center Workshop, *Perspectives on Learning in Social Contexts*. University of Iowa, Iowa City, IA.
- Perone, S.** (2009, November). Bringing systems and time scales together to rethink infant cognition. Talk presented at the weekly colloquium for the Department of Psychology at the University of Wisconsin, Madison, WI.

## TEACHING

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### Undergraduate Courses Taught at WSU

HD200 Introduction to the Field of Human Development  
 HD306 Child Development (Pullman & Global)

### Graduate Courses Taught at WSU

HD560 Child Development (Spring 2018)

### Faculty Development

Trainer, Learn Inspire Foster Transform (L.I.F.T.) WSU Transformational Change Initiative (2019)

## STUDENT COMMITTEES

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Alana Anderson, Prevention Science, Ph.D. (in progress)

Topic: Contextual influences on infant brain activity.

Role: Chair

Dan Bayly, Interdisciplinary, Ph.D. (in progress)

Topic: Role of play on Attention Deficit Disorder with Hyperactivity

Role: Member

K. Reanne Cunningham, Psychology, Ph.D. (in progress)

Topic: Cognition in Aging

Role: Member

## HONORS & AWARDS

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2018	Learn Inspire Foster Transform (L.I.F.T.) Fellow, Washington State University
2017	Center for Civic Engagement Faculty Fellow, Washington State University
2015	University of Minnesota Outstanding Postdoctoral Scholar Award
2015	University of Minnesota Center for Neurobehavioral Development Travel Award
2014-2016	NIMH Postdoctoral Fellowship University of Minnesota
2011	University of Iowa Delta Center Travel Award
2009	National Institutes of Health Systems Science Travel Award
2008	Winifred S. Schott Scholarship in Child Growth & Development
2008	University of Iowa Graduate College Fellowship
2008	Junior Scholar Travel Award Leslie B. Cohen Festschrift
2007	Executive Council of Graduate & Professional Students Research Grant
2006	Simon Early Scholarship Potential Award
2006	Graduate Student Mentor of the Year Nominee

## SERVICE

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### University Service

- 2018 Member, WSU-UI Campus Community Forum Planning committee  
 2017 GPSA Research Expo Judge

### Departmental Service

- 2016-2018 Member, Early Childhood Education committee  
 2018-present Coordinator, Human Development research participant pool

### Professional Service

- 2018 Everyday Moments tips to promote child development distributed to WSU community partners  
 2017-2018 Member, Community Engage Institute  
 2017-2018 Developed and managed with WSU students Playing is Learning initiative displayed at WSU Children's Center, Pullman Parks & Rec, and Whitman County Library  
 2017-2018 Co-developed with WSU students Making SENSE of the Brain for children at Pullman Parks & Rec and YMCA of the Palouse  
 2016-present Review Editor, *Frontiers in Developmental Psychology*  
 2015 Associate Editor, International Conference on Development and Learning – Epigenetic Robotics  
 2014 Member, University of Iowa, Delta Center Internal Grant committee  
 2014 Panelist, University of Iowa, Responsible Conduct of Research  
 2014 Member, University of Iowa, Delta Center Internal Grant committee  
 2012 University of Iowa Child Development Newsletter, organize, edit, and disseminate to families  
 2011 Civic Science, develop and manage Brains Under Construction at Iowa Children's Museum, Iowa State Fair  
 2011 Civic Science, Overhead 'bots, Iowa City Library  
 2009 Reviewer for *Toward a Unified Theory of Development: Connectionism and Dynamic Systems Theory Re-Considered (2009)*. J.P. Spencer, M.S. Thomas, & J. McClelland (Eds.) Oxford University Press  
 2007 Graduate Student Member, Developmental Science Faculty Search Committee  
 2006 Invited Panelist, James F. Jakobsen Conference  
 2006 Invited Panelist, Succeeding in Graduate School  
 2007 Reviewer for *The Emerging Spatial Mind (2007)*. J.M. Plumert & J.P. Spencer (Eds.). Oxford University Press  
 2007 University of Iowa Child Development Newsletter, organize, edit, and disseminate to families  
 2008-present Ad hoc reviewer for *Child Development, Infancy, Cognition, British Journal of Developmental Psychology, Developmental Psychology, Epigenetic Robotics, Journal of Experimental Child Psychology, Frontiers in Psychology, Research in Child Development, Psychological Bulletin, Cognitive Science Society, PLOS One, Society for Research on Child Development, International Congress on Infant Studies, Brain and Cognition, Developmental Psychobiology, Social*

*Affective Cognitive Neuroscience*

**Community Service**

2016-present Palouse Family Fair Planning Committee

**PROFESSIONAL DEVELOPMENT**

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2018 Learn Inspire Foster Transform (L.I.F.T.) WSU Transformational Change Initiative  
2018 Academic Outreach & Innovation Workshop (Active Learning, One Minute Reflections)  
2017 Academic Outreach & Innovation Workshop (Motivating Students)  
2017 Center for Civic Engagement Service Learning Faculty Fellow

**PROFESSIONAL MEMBERSHIPS**

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Society for Research in Child Development  
Cognitive Development Society  
International Society for Developmental Psychobiology