
Robin K. Panneton, Ph.D.

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EDUCATIONAL HISTORY

- 1981-1985 Ph.D. Developmental Psychology
University of North Carolina at Greensboro, Greensboro, NC
Research Supervisor: Dr. Anthony DeCasper
- 1978-1981 M.S. Developmental Psychology
University of North Carolina at Greensboro, Greensboro, NC
Research Supervisor: Dr. Anthony DeCasper
- 1974-1978 B.S. Psychology
University of Wisconsin at Milwaukee, Milwaukee, WI
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PROFESSIONAL HISTORY

Administrative Positions

- Associate Dean for Undergraduate Programs, College of Science, Virginia Tech, May 25, 2017 – August, 2021.
- Director, Office of Degree Development and Support, Virginia Tech, July 1, 2011 – August 14, 2015.
- Director, VT SACS Accreditation Office; Virginia Tech, July 1, 2009 – 2011.
- Director, Developmental and Biological Psychology graduate program, Department of Psychology, Virginia Tech, August 2004 to July, 2009.

Academic Positions

- Associate Professor, Department of Psychology, Virginia Tech, Blacksburg, VA; 1996-present
- Assistant Professor, Department of Psychology, Virginia Tech, Blacksburg, VA; 1989-1996
- Visiting Researcher and Instructor; Institut de Psychologie of Université Paris-Descartes; December 9, 2007 – January 10, 2008.
- Adjunct Associate Professor, MARCS Auditory Laboratories, University of Western Sydney, July 1, 2005-June 30, 2008.
- Visiting Research Scientist, MARCS Auditory Laboratories, University of Western Sydney, Sydney, Australia (January, 2004)
- Visiting Research Scientist, MARCS Auditory Laboratories, University of Western Sydney, Sydney, Australia (April – June, 2003)
- Visiting Research Associate, Department of Psychology, University of South Carolina, 2001-2002

Postdoctoral Positions

F32 NRSA Post-Doctoral Fellow, Rose F. Kennedy Center, Albert Einstein College of Medicine, Sponsor: Dr. Diane Kurtzberg; 1988-1989

F32 NRSA Post-Doctoral Fellow, University of Rochester, Sponsor: Dr. Richard N. Aslin; 1985-1988

ACADEMIC AWARDS

Fellow, American Psychological Society (elected in Spring 2020)

Canadian-U.S. Fulbright Scholar Program (Award #8551) Visiting Research Chair at the *Centre for Research on Language, Mind & Brain* (McGill University), Fall, 2008

Certificate of Teaching Excellence, College of Science, Virginia Tech, 2005

Certificate of Teaching Excellence, College of Arts and Sciences, Virginia Tech, 1993

RESEARCH INTERESTS

My research interests revolve around issues relevant to infants' perception of information that leads to their emerging communicative skills from birth to toddlerhood. These research questions involve probing aspects of infants' learning about objects, about people, and about themselves in relation to objects and people. I am particularly interested in how multiple sources of dynamic sensory information drive infants' attention to and learning about the world in which they live and their ability to communicate about it. Research Lab: ileap-lab.com

GRANT ACTIVITY

External Research Funding

National Institute of Deafness and Communication Disorders, *Multisensory Integration Skills in Toddlers with Communication Disorders*. R21, PI: Michele Lenhart (Radford University), CoI: Diane Millar (Radford University) and **Robin Panneton** (Virginia Tech). Not funded.

National Institutes of Health, *Multisensory Data Network: New Measures and a Collaborative Database*. PIs: Lorraine Bahrack and James Todd (Florida International University; Subcontract: **Robin Panneton**; (subcontract = \$16,100). 1/15/2022 to 3/31/2025.

Social Sciences and Humanities Research Council of Canada (#410-2009-0100): *Beginnings in Language Acquisition: The infant's perceptual adaptation to linguistic diversity*. PI: Linda Polka (McGill University); Co-I: **Robin Panneton**; May, 2009-April 2011; \$75,969.

James S. McDonnell Foundation, *Exploring Method Issues in the Study of Infant Cognition II*, PI: Richard Aslin; Co-I: **Robin Panneton**; May 2007 – April, 2010; \$10,000.

Centre for Research on Language, Mind, and Brain, McGill University, Montreal, Canada: *Conversational Profiles between Infants and Caretakers: Relations to Interactional Synchrony, Developing Attention Skills, and Language Competence*, PI: David McFarland (University of Montreal); Co-Is: **Robin Panneton**, Linda Polka, and Marc Pell (McGill University); May, 2007-Aug 2009; \$10,000.

James S. McDonnell Foundation, *Exploring Method Issues in the Study of Infant Cognition I*, August 2004 – April, 2007; \$103,200.

Australian Research International Linkage Award, joint research proposal with Drs. Denis Burnham and Christine Kitamura, MARCS Auditory Laboratories, University of Western Sydney, Sydney, Australia, Spring 2003, \$10,000 (AUS).

National Institute of Child Health and Human Development (R03): *Heart Rate Activity and Infant Speech Perception*, PI: **Robin Panneton**; April 1, 2001 – March 31, 2003, \$145,808.

National Research Service Award, NICHD (HD06781-02): *Neonatal Perception of*

Motherese", PI: **Robin Panneton**; June 1988 to June 1989, \$33,000.
National Research Service Award, NICHD (HD06781-02): *Maternal Voice Recognition by Young Infants*, PI: **Robin Panneton**; November 1985 to November 1987, \$21,996.

Internal Research Funding (from Virginia Tech)

Panneton, R. (PI), & Adams, K. (CI). CETL (\$5000), "Transforming PSYC 1004: Introductory Psychology to a Dynamic Online Format"; Spring 2024.
Panneton, R. (PI), COS Instructional Grant Program (\$16,000), "Transforming PSYC 1004: Introductory Psychology to a Dynamic Online Format"; Summer 2023.
Scarpa, A. (CI), Gracanin, D. (CI), & Panneton, R. (CI). Using eye tracking to inform diagnostic decisions for Autism Spectrum Disorder. ISCE (2019) – not funded.
Skuzinski, T. (PI), Shealy, T. (coI), & Panneton, R. (coI): Research experience for undergraduates in decision sciences for resilient communities. ICTAS Research Experiences for Undergraduates Grant (\$10,000) – Sept 2017-May 2018.
International Travel Supplemental Grant Award, Virginia Tech, Summer, 2017; \$1500 for travel to the Workshop on Infant Language Development, Bilbao, Spain.
Shealy, T. (PI), Grosh, J. (coI), & Panneton, R. (coI): Measuring the Engineer's Brain: Using Cognitive Neuroscience to Understand the Formation of Engineering Design and Problem Solving Skills." ICAT (\$25,000) – Fall 2016.
White, B. (PI), Ollendick, T. (CI), & Panneton, R. (CI): Eye Gaze and Aggression in Children with Callous-Unemotional Tendencies: Mediation by Emotion Recognition and Empathic Responding; Center for Peace Studies and Violence Prevention, Virginia Tech (\$3000) – Fall 2015.
White, B. (PI), Ollendick, T. (CI), & Panneton, R. (CI): Eye Gaze and Empathy Deficits in Children with Callous-Unemotional Tendencies; Institute for Society, Culture and Environment Summer Scholars Program, Virginia Tech (\$20,000) – Summer 2015.
Panneton, R. (PI), Ramey, C. (CI), Ramey, S. (CI), & King Casas, B. (CI): Learning Trajectories and Cognitive, Social, Language Outcomes in Low- and High-Risk Infants; Institute for Society, Culture and Environment Summer Scholars Program; support for pilot testing (\$23,000) – Summer 2014.
International Travel Supplemental Grant Award, Virginia Tech, Spring, 2006; \$1800 for travel to the International Conference in Infant Studies, Kyoto, Japan.
International Travel Supplemental Grant Award, Virginia Tech, Spring, 2003; \$1000 for travel to the MARCS Auditory Research Laboratory, University of Western Sydney, Sydney, Australia.
International Travel Supplemental Grant Award, Virginia Tech, Fall, 2000, \$1000 for travel to the MacArthur Auditory Research Center in Sydney, Australia.
Millenium Grant, College of Arts and Sciences, Virginia Tech, Spring, 2000, \$3000 to supplement graduate student travel to Brighton, England.
Supplemental Grant Award, 1993, Virginia Polytechnic Institute & State University, \$1,897.26
Creative Match Grant Award, Virginia Polytechnic Institute & State University, "Effects of Prosody on Young Infants' Speech Processing", January 1, 1990 to December 31, 1990, \$1700
Small Grant Award, Virginia Polytechnic Institute & State University, "The Effects of Prosodic Cues on Young Infants' Speech Preferences", November 1, 1989 to October 31, 1991, \$1700

PUBLICATIONS: Research Papers and Books/Chapters(*) (grad student author in italics)

- Panneton, R., Ostroff, W., Bhullar, N., & Netto, M.** (2024). Plasticity in older infants' perception of phonetic contrasts: The role of selective attention in context. *Special Issue: Developmental Plasticity in Behavioral Development, Infancy*. DOI: 10.1111/inf.12620
- Panneton, R., Cristia, A., Taylor, C., & Moon, C.** (2023). Positive valence contributes to hyperarticulation in maternal speech to infants and puppies. *Journal of Child Language*, doi: 10.1017/S0305000923000296.
- Bruce, M., Panneton, R., & Taylor, C.* (2021). Social multisensory integration and maternal sensitivity are related to each other and predictive of expressive vocabulary in 24-month-olds. *Journal of Experimental Child Psychology*, 214. DOI: [10.1016/j.jecp.2021.105304](https://doi.org/10.1016/j.jecp.2021.105304)
- Panneton, R., Bremner, G., & Johnson, S.** (2020). Infancy studies come of age: Jacques Mehler's influence on the importance of perinatal experience for early language learning. *Cognition*. <https://doi.org/10.1016/j.cognition.2020.104543>
- McFayden, T., Panneton, R. P., Bruce, M., & Taylor, C.* (2020). Exploring priming effects of social and non-social attention getters on older infants' preferences for infant-directed speech. *Infant Behavior and Development*, 59. doi.org/10.1016/j.infbeh.2020.101431
- Hu, M., Shealy, T., Grohs, J., & Panneton, R.* (2019). Empirical evidence that concept mapping reduces neurocognitive effort during concept generation for sustainability. *Journal of Cleaner Production*, <https://doi.org/10.1016/j.jclepro.2019.117815>
- Panneton, R., McFayden, T., Bruce, M., & Taylor, C.** (2019). Contextual influences on infants' attention to child-directed speech. *Journal of the Acoustical Society of America*, 145, 1764. doi.org/10.1121/1.5101462
- *Panneton, R., Bruce, M., McFayden, T., & Taylor, C.** (2019). Preverbal development and speech perception during infancy. In J. Benson (Ed.), *Encyclopedia of Infant and Early Childhood Development, Second Edition*. Elsevier.
- Frank, M. C., Bergelson, E., Bergmann, C., Byers-Heinlein, K., Cristia, A., Cusack, R., Dyck, K., Floccia, C., Gervain, J., Gonzalez, N., Hamlin, J. K., Hannon, E. E., Kellier, D., Kline, C., Lew-Williams, C., Nazzi, T., **Panneton, R.**, Rabagliati, H., Rennels, J., Seidl, A., Soderstrom, Yurovsky, D. (2019). Quantifying sources of variability in infancy research using the infant-directed speech preference. *Advances in Methods and Practices in Psychological Science*, PsyArXiv, September 23, 2019. Doi: 10.31234/osf.io/s98ab
- Frank, M. Bergelson, E., Bergmann, C., Cristia, A., Floccia, C., Gervain, J., Hamlin, J.K., Hannon, E., Kline, M., Levelt, C., Lew-Williams, C., Nazzi, T., **Panneton, R.**, Rabagliati, H., Soderstrom, M., Sullivan, J., Waxman, S., & Yurovsky, D. (2017). A collaborative approach to infant research: Promoting reproducibility, best practices, and theory-building. *Infancy*, 22, 421-435. DOI: 10.1111/inf.12182
- Busnel, M-C., Fifer, W., Granier-Deferre, C., Lecuyer, R., Mischel, G., Moon, C., **Panneton, R.**, Schaal, B., Spence, M. (2017). Tony DeCasper, the man who changed contemporary views on human fetal cognitive abilities. *Developmental Psychobiology*, 59,135-139. doi.org/10.1002/dev.21478.
- Shealy, T. J., Hu, M., Maczka, D., & **Panneton, R.** (2017). Investigating design cognition during brainstorming tasks with freshmen and senior engineering students using functional near infrared spectroscopy. *Grohs American Society of Engineering Education*, Paper ID #18932.
- *Deater-Deckard, K., & Panneton, R.** (2017). Parenting stress and early child development: Adaptive and maladaptive outcomes. Springer Publishing.

- *Deater-Deckard, K., & **Panneton, R.** (2017). Unearthing the developmental and intergenerational dynamics of stress in parent and child functioning. In K. Deater-Deckard & R. Panneton (Eds.), *Parenting stress and early child development: Adaptive and maladaptive outcomes*. Springer Publishing.
- Busnel M-C, Fifer W, Granier-Deferre C, Lecuyer R, Michel G, Moon C, **Panneton R**, Schaal B, Spence M. (2016). Tony DeCasper, the man who changed contemporary views on human fetal cognitive abilities. *Developmental Psychobiology*. 9999:1-5.
- Heck, A., **Panneton, R.**, & Mills-Smith, L. (2016). Bimodal dynamics of faces and voices influence older infants' perception of emotion. *Infancy*, 21, 522-531. DOI: 10.1111/inf.12121
- Heck, A., **Panneton, R.**, & Mills-Smith, L. (2015). Older infants show attenuated negativity bias with bimodal emotion displays. *Infancy*, DOI:10.1111/inf.12121.
- Mills-Smith, L., Spangler, D., **Panneton, R.**, & Fritz, M. (2015). A missed opportunity for clarity: Problems in the reporting of effect size estimates in infant developmental science. *Infancy*, 20(4), 416-432. DOI: 10.1111/inf.12078
- White, S. W., Maddox, B. B., & **Panneton, R. K.** (2015). Fear of negative evaluation influences eye gaze in adolescents with autism spectrum disorder: A pilot study. *Journal of Autism and Developmental Disorders. Special Issue on Emotion Regulation and Psychiatric Comorbidity in ASD*. DOI: 10.1007/s10803-014- 2349-6.
- Kitamura, C., **Panneton, R.**, & Best, C. (2013). The development of language constancy: Attention to native versus non-native accents. *Child Development*, 84, 1686-1700. DOI: 10.1111/cdev.12068
- Salley, B., **Panneton, R. K.**, & Colombo, J. (2013). Separable attentional predictors of language outcomes. *Infancy*, 18, 462-489. DOI: 10.1111/j.1532- 7078.2012.00138.x
- ***Panneton, R.**, & Newman, R. (2012). Development of speech perception. In L. A. Werner, R. R. Fay & H. N. Popper (Eds.), *Springer Handbook of Auditory Research: Human auditory development*, 42, 197-222.
- Butler, J., Floccia, C. Goslin, J., & **Panneton, R.** (2011). Infants' discrimination of familiar and unfamiliar accents in speech. *Infancy*, 16, 392-417. DOI: 10.1111/j.1532-7078.2010.00050.x
- ***Panneton, R.**, McIlreavy, M., & Bhullar, N. (2008). Preverbal development and speech perception during infancy. In M. M. Haith and J. Benson (Eds.), *Encyclopedia of Infant and Early Childhood Development, Volume 2*, pp. 624-636. Elsevier.
- Panneton, R.**, Kitamura, C., Mattock, K., & Burnham, D. (2006). Slow speech enhances younger, but not older infants' perception of vocal emotion. *Research in Human Development, Special Issue: The ecology of emotion in parenting relationships: Perspectives across the lifespan*, 3, 7-19. DOI: 10.1207/s15427617rhd0301_2
- Kitamura, C., **Panneton, R.**, Notley, A., & Best, C. (2006). Aussie, Aussie, Aussie, Oi-Oi-Oi: Infants love an Australian accent. *Journal of the Acoustical Society of America*, 120, 3135. <https://doi.org/10.1121/1.4787737>
- McCartney, J., & **Panneton, R.** (2005). Four-month-olds' discrimination of voice changes in multimodal displays as a function of discrimination protocol. *Infancy*, 7, 163-182. DOI:10.1207/s15327078in0702_3
- Ward, C. D., & **Panneton-Cooper, R.** (1999). A lack of evidence in four-month-old human infants for paternal voice preference. *Developmental Psychobiology*, 35, 49-60.
- Panneton-Cooper, R.**, Abraham, J., Berman, S., & Staska, M. (1997). The development of infant preference for motherese. *Infant Behavior and Development*, 20, 477- 488. DOI:10.1016/S0163-6383(97)90037-0
- ***Panneton-Cooper, R.** (1997). An ecological approach to infants' perception of intonation

- contours as meaningful aspects of speech. In C. Dent-Read & P. Zukow-Goldring (Eds.), *Evolving explanations of development: Ecological approaches to organism-environment systems*, pp. 55-85. Washington, D.C.: American Psychological Association.
- Marshall-Baker, A., Lickliter, R., & **Panneton-Cooper, R.** (1997). Prolonged exposure to a visual pattern may promote behavioral organization in preterm infants. *Journal of Neonatal and Perinatal Nursing*, 12, 50-62.
- Kaplan, P., Goldstein, M., Huckleby, E., & **Panneton-Cooper, R.** (1995). Habituation, sensitization, and infants' responses to motherese speech. *Developmental Psychobiology*, 28, 45-57. DOI: 10.1002/dev.420280105
- Kaplan, P. S., Huckleby, E. R., Goldstein, M. H., Owren, M. J., & **Panneton-Cooper, R.** (1995). Dishabituation of visual attention by infant- vs. adult-directed speech: Effects of frequency modulation and spectral properties. *Infant Behavior and Development*, 18, 209-223. DOI:10.1016/0163-6383(95)90050-0
- Panneton-Cooper, R., & Aslin, R. N.** (1994). Developmental differences in infant attention to the spectral properties of infant-directed speech. *Child Development*, 65, 1663-1677. DOI: 10.1111/j.1467-8624.1994.tb00841.x
- ***Panneton-Cooper, R.** (1993). The effect of prosody on young infants' speech perception. In C. Rovee-Collier & L. P. Lipsitt (Eds.), *Advances in infancy research, volume 8*, pp. 137-167. Norwood, NJ: Ablex.
- Moon, C., **Panneton-Cooper, R.**, & Fifer, W. P. (1993). Two-day-olds prefer their native language. *Infant Behavior and Development*, 16, 495-500. DOI:10.1016/0163-6383(93)80007-U
- Panneton-Cooper, R., & Aslin, R. N.** (1990). Preference for infant-directed speech within the first month after birth. *Child Development*, 61, 1584-1595. DOI: 10.1111/j.1467-8624.1990.tb02885.x
- Panneton-Cooper, R., & Aslin, R. N.** (1989). The language environment of the young infant: Implications for early perceptual development (Special issue on infant perception). *The Canadian Journal of Psychology*, 43, 247-265. DOI.org/10.1037/h0084216.

Manuscripts Under Review or In Preparation (grad student author in italics)

- Netto, M., & **Panneton, R. K.** (2026). Fine-grained analyses of multisensory integration and emerging language in 24-month-olds (in preparation).

RESEARCH PRESENTATIONS

Invited Research Talks - National (grad student authors in italics)

- Panneton, R. (2022, August). *Selective attention to synchronous, multisensory information predicts word learning in toddlers*. VT Alliance for Neurodevelopment Research. Blacksburg, VA.
- Panneton, R. (2018, October). *Let's face it: Influences of seeing a speaker on infants' speech perception*. Invited colloquium, George Mason University, Fairfax, VA.
- Panneton, R. (2016, April). *The emerging power of attention to facilitate and guide early language learning in human infancy*. Sociolinguistic Variation and Language Processing Conference, Plenary speaker, Virginia Tech, Blacksburg, VA.
- Panneton, R. (2013, December). *Let's face it: Influences of seeing a speaker on infants' speech processing*. Colloquium, Department of Psychology, Virginia Tech.
- Panneton, R. (2010, October). Johns Hopkins University Center for Talented Youth Science and Technology Series – Neuroscience (at Virginia Tech).
- Panneton, R., Hu, S., Salley, B., & Lutgens, B. (2009, November). EyeTrackKids II Workshop,

- The Mind Institute, University of California at Davis.
- Panneton, R. (2009, March). Colloquium in the Department of Psychology, University of Tennessee.
- Panneton, R. (2007, November). Colloquium at the Department of Psychology, University of Virginia, Charlottesville, VA.
- Panneton, R. (2007, October). Colloquium at the University of Indiana Medical Center, DeVault Otologic Research Laboratory, Indianapolis, IN.
- Panneton, R., & *McIlreavy*, M. (2006, February). Presentation at the James S. McDonnell Workshop, Chicago.
- Panneton, R., & *McIlreavy*, M. (2004, December). Meeting of the Acoustical Society of America, North Carolina Chapter, Blacksburg, VA.
- Panneton-Cooper, R. (2003, October). Ecology, Evolution, and Behavior Seminar Series, Department of Biology, Virginia Tech.
- Panneton-Cooper, R. (2003, April). Invited keynote address, Central Carolinas Conference in Psychology, Charlotte, NC.
- Panneton-Cooper, R. (2002, May). Invited presentation at the 3rd McDonnell Foundation workshop on methods for the study of infant cognition (organized by R. N. Aslin & J. Mehler), Chatham Bay, RI.
- Panneton-Cooper, R. (2002, April). Department of Psychology, University of South Carolina.
- Panneton-Cooper, R. (2002, February). Colloquium to the Department of Psychology, Davidson College, Charlotte, NC.
- Panneton-Cooper, R. (2002, January). Colloquium to the Department of Psychology, University of Georgia, Athens, GA.
- Panneton-Cooper, R. (2001, October). Invited presentation at Great Beginnings Conference, Framingham, MA.
- Panneton-Cooper, R. (2001, October). Invited presentation at the 1st McDonnell Foundation workshop on infant looking time methods (organized by R. N. Aslin & J. Mehler), Tarrytown, NY.
- Panneton-Cooper, R., & *Ostroff*, W. O. (2001, September). Colloquium to the Department of Psychology, University of South Carolina, Columbia, SC.
- Panneton-Cooper, R., & *Ostroff*, W. L. (2000). Colloquium to the Department of Psychology, University of South Carolina, Columbia, SC.
- Panneton-Cooper, R. (1999, October). Colloquium to the Department of Psychology, University of Virginia, Charlottesville, VA.
- Panneton-Cooper, R. (1998, July). Invited talk at the New Hanover Regional Medical Center, Wilmington, N.C.
- Panneton-Cooper, R. (1995, October). Colloquium in the Department of Psychology, University of South Carolina, Columbia, South Carolina.
- Panneton-Cooper, R. (1994, September). Invited presentation at Changing Ecological Approaches to Development: Organism-environment Mutualites. Sponsored by the American Psychological Association Science Directorate Conference on Development, University of Connecticut, Storrs, Connecticut.
- Panneton-Cooper, R. (1993, December). Colloquium for the Wolf Fund Lecture Series, Pitzer College, Claremont, California.
- Panneton-Cooper, R. (1991, March). Colloquium, College of William and Mary, Williamsburg, Virginia.
- Panneton-Cooper, R. (1990, April). Colloquium presented to the Women's Studies Program, Virginia Polytechnic Institute and State University.
- Panneton-Cooper, R. (1988, October). Invited paper presented to the New York Infancy Group, New York, New York.

Invited Research Talks - International (grad student authors in italics)

- Panneton, R. (2010, December). Research presentation at the McDonnell Consortium, Barcelona, Spain.
- Panneton, R. (2008, December). Colloquium in the Centre for Research in Human Development, Concordia University, Montreal, CA.
- Panneton, R. (2008, November). Colloquium in the Department of Linguistics, University of Calgary, Calgary, CA.
- Panneton, R. (2008, October). Inaugural Talk, Distinguished Lecture Series, Centre for Research in Language, Mind, and Brain, McGill University, Montreal, CA.
- Panneton, R. (2008, January). Colloquium at the Centre for Brain and Cognitive Development, Birkbeck College, University of London, England.
- Panneton, R. (2008, January). Colloquium at the Laboratoire Psychologie de la Perception, Renes Descartes University, Paris, France.
- Panneton, R. (2007, December). Colloquium at the Laboratoire de Psychologie et Neurosciences Cognitives, Universite Paris 5, Boulogne, France.
- Panneton, R., & *McIlreavy*, M. (2007, January). Presentation at the James S. McDonnell Workshop, London, UK.
- Panneton, R. (2005, April). Colloquium in the School of Speech and Communication Disorders, McGill University, Montreal, Canada.
- Panneton-Cooper, R., & *Ostroff*, W. L. (2003, May). Colloquium at the Department of Psychology, Melbourne University, Melbourne, Australia.
- Panneton-Cooper, R. (May, 2003). MARCS Auditory Research Laboratory, University of Western Sydney, Sydney, Australia.
- Panneton-Cooper, R., & *Ostroff*, W. L. (2000, October). Colloquium at the MacArthur Auditory Research Center, Sydney, Australia.
- Panneton-Cooper, R. (1994, January). Invited talk at the Ninth Winter Conference on Current Issues in Developmental Psychobiology, St. Lucia Island.

Conference Symposia (Chair/Co-Chair)

- Panneton, R. (2014, July). Infants' emotion perception and understanding: Diverse methods and techniques to access infants' emotion processing. Chair, symposium at the International Conference on Infant Studies, Berlin, Germany.
- Panneton, R. (2008, March). Methodological and analytical advances in assessing infants' information processing. Chair, symposium at the International Conference on Infant Studies, Vancouver, British Columbia.
- Panneton, R., & *Sekiyama*, K. (2006, June). Developmental issues in visual speech processing. Chair, symposium at the International Conference for Infant Studies, Kyoto, Japan.
- Panneton, R. (2005, April). Multimodal influences on infants' and childrens' detection, discrimination, and learning about visual and auditory events. Chair, symposium at the Society for Research in Child Development, Atlanta, GA.

Conference Symposia (Participant) (grad student author in italics)

- Panneton, R., *Wu, J., Heck, A., Mills-Smith, L., & Salley, B.* (2015, March). Does infants' attention to speaker dynamics uniquely predict language skill? In H. Yeung (chair) Face scanning in infancy: An index of speech and language development? Paper presented at the Society for Research in Child Development, Philadelphia, PA.
- Heck, A., & Panneton, R.* (2014, July). Examination of infants' negativity bias in emotion perception using bimodal dynamic and static displays. Paper presented at the

- International Conference on Infant Studies, Berlin, Germany.
- Panneton, R. (2012, June). Multisensory and emotive characteristics of infant-directed speech promote infants' attention and language learning. In S. Curtin (chair), Mapping the acoustic landscape of IDS: What are its implications for learning? Paper presented at the International Conference on Infant Studies, Minneapolis, MN.
- Salley, B., & Panneton, R. (March, 2011). Variability in social engagement predicts emerging skill. In C.L. Shafro and D.M. Houston (Chairs): Maximizing the variance accounted for in language outcome: Cognitive, linguistic, and attentional predictors, Meeting of the Society for Research in Child Development, Montreal, Canada.
- Salley, B., Panneton, R., Lutgens, B., & Scarpa, A. (August, 2009). Infants' social attention as it relates to emerging language skills. In E. Devouche (Chair), The shaping of vocal expression in social engagement with infants. XIV European Conference on Developmental Psychology, Vilnius, Lithuania.
- Robinson, C., Sloutsky, V., & Panneton, R. (2008, March). Modality-dependent and modality-independent measures of attention. In R. Panneton (chair), Methodological and analytical advances in assessing infants' information processing. Paper to be presented at the International Conference on Infant Studies, Vancouver, British Columbia.
- Panneton-Cooper, R., Ostroff, W. L., Cooper, J. S., & Ward C. D. (2000, July). The usefulness of looking time as a measure of infants' speech preferences throughout the first postnatal year. In G. McRoberts (chair), The infant control auditory preference procedure: it isn't just about prosody anymore. Symposium presented at the International Conference on Infant Studies, Brighton, England.
- Panneton-Cooper, R., & Hauenstein, N. M. R. (1998, April). Looking as a measure of perceptual preference in infants. In Looking where and looking when (M. A. Bell, chair). Symposium presented at the International Conference for Infant Studies, Atlanta.
- Panneton-Cooper, R. (1990, March). Prenatal and postnatal experience with speech: Effects on young infants' language perception. Symposium presented at the Conference on Human Development, Richmond, Virginia.

Conference Posters (grad student authors in italics; *undergraduate student)

- Netto, M., *Wilson, A., *Hall, A., *Cassidy, J., *Wales, E., & Panneton, R. (2025, May 1-3). *Toddlers' multisensory integration bit by bit: A microanalytic approach for understanding attention and language* [Poster presentation]. Society for Research in Child Development, Minneapolis, MN, USA.
- Netto, M., Mills-Smith, L., M., *Wilson, A., *Hall, A., *Cassidy, J., *Wales, E., & Panneton, R. (2025, May 1-3). *Temperament differentially predicts receptive and expressive language skills in 15-month-olds depending on gender* [Poster Presentation]. Society for Research in Child Development, Minneapolis, MN, USA.
- Netto, M., McIlreavy, M., & Panneton, R. (2024, May 23-26). *Gender differences in the relationship between multisensory integration and word learning in 2-year-olds* [Poster presentation]. Association for Psychological Science, San Francisco, CA, USA.
- Netto, M., & Panneton, R. (2024, May 23-26). *Fine-grained analyses of multisensory integration and emerging language in 24-month-olds* [Poster presentation]. Association for Psychological Science, San Francisco, CA, USA.
- Netto, M., & Panneton, R. (2023, March 22-25). *Multisensory integration and word learning in 2-year-olds: faces for females but objects for males* [Poster presentation]. Society for Research in Child Development, Salt Lake City, UT, USA.

- Panneton, R., & Deater-Deckard, K. (November, 2022). The intersection of physical and intellectual space to advance transdisciplinary thinking through SCALE-UP design. Association for Interdisciplinary Studies Conference, Sonoma State University, Sonoma, CA.
- Taylor, C. & Panneton, R. (2022, July). Infants' multisensory integration of speaker's face+voice is facilitated by their native language. Poster presented at the International Congress on Infant Studies, Ottawa CA.
- Taylor, C., & Panneton, R. (2022, July). Maintaining attention to bimodal speakers support better word learning in toddlers. Poster presented at the International Congress on Infant Studies, Ottawa CA.
- Taylor, C., Bruce, M., & Panneton, R. (July, 2020). *Multisensory integration is correlated with vocabulary differently for male and female toddlers. BCCCD, online presentation.*
- Bruce, M., & Panneton, R. (July, 2020). Older infants' multisensory matching predicts expressive language but only in a social context. Online poster presented at the International Congress on Infant Studies.
- Bruce, M., & Panneton, R. (2019, March). Large-scale evaluation of infants' looking patterns to dynamic audiovisual displays. Paper presented at the 2019 Graduate Research Symposium, College of William and Mary, Williamsburg, VA. (this paper was awarded a prize for Excellence in Scholarship)
- Panneton, R. K., McFayden, T., Bruce, M., & Taylor, C. (2019, May). Contextual influences on infants' attention to child-directed speech. Poster presented at the 177th Meeting of the Acoustical Society of America, Louisville, KY.
- Bruce, M., McFayden, T.C., Panneton, R. (2018, July). Large-scale evaluation of infants' scanning dynamic face+voice displays. Poster presented at the International Congress of Infant Studies, Biennial Congress, Philadelphia, PA.
- McFayden, T.C., Panneton, R. (2018, June). Exploring whether attention getters influence infants' information processing. Poster presented at the International Congress of Infant Studies, Biennial Congress, Philadelphia, PA.
- McFayden, T.C., Bruce, M., & Panneton, R. (2018, June). Attention to the eyes: Evidence from a neurotypical sample to inform eye regard risk in ASD. Poster presented at the Journal of Clinical Child and Adolescent Psychology Future Directions Forum, Washington, DC.
- McFayden, T., Wu, J., & Panneton, R. (2017, June). Workshop on Infant Language Development, Bilbao, Spain.
- Kim, L., Heck, A., & Panneton, R. (2017, June). Workshop on Infant Language Development, Bilbao, Spain.
- Panneton, R., & Mills-Smith, L. (2017, June). Workshop on Infant Language Development, Bilbao, Spain.
- Grohs, J.G., Shealy, T., Yang, X., Maczka, D., Hu, M., & Panneton, R. (2017, June). Evaluating the potential of fNIRS neuroimaging to study engineering problem- solving and design. *Proceedings of the 124th Annual Conference of the American Society for Engineering Education*, Columbus, Ohio.
- Shealy, T., Grohs, J.G., Yang, X., Maczka, D., Hu, M., & Panneton, R. (2017, June) Investigating design cognition during brainstorming tasks with freshman and senior engineering students using functional near infrared spectroscopy. *Proceedings of the 124th Annual Conference of the American Society for Engineering Education*, Columbus, Ohio.
- Heck, A., Kim, L., Panneton, R., & Mills-Smith, L. (2017, March). Happy speakers facilitate infants' referential learning of word-object pairings. Poster presented at the Society for Research in Child Development, Austin TX.

- Mills-Smith, L., & Panneton, R.* (2017, March). Necessary but not sufficient: The role of ostensive cues in 14-month-old infants' learning of minimal pair object labels. Poster presented at the Society for Research in Child Development, Austin TX.
- Kim, L., Panneton, R., Mills-Smith, L., Heck, A., & *Huss, M.* (2016, May). Gaze patterns to speakers at 12- and 14-months of age are more related to cognitive load and less related to maternal style. Poster presented at the International Conference on Infant Studies, New Orleans.
- Heck, A., Mills-Smith, L., & Panneton, R.* (2016, May). Happy faces + voices facilitate word-object learning in a referential context. Poster presented at the International Conference on Infant Studies, New Orleans.
- Mills-Smith, L., Heck, A., & Panneton, R.* (2016, May). Successful switch performance with minimal pair labels using social cues and eye tracking. Poster presented at the International Conference on Infant Studies, New Orleans.
- Mills-Smith, L., & Panneton, R.* (2015, March). Can contingency and ostensive cues abate the cognitive demands of infants' minimal pair word-object learning? Poster presented at the Society for Research in Child Development, Philadelphia, PA.
- Mills-Smith, L., Spangler, D., Panneton, R., & Fritz, M.* (2015, March). The interpretive utility of infant-calibrated cutoffs for interpreting effect size estimates. Poster presented at the Society for Research in Child Development, Philadelphia, PA.
- Heck, A., & Panneton, R.* (2015, March). Are you looking where I'm looking? Examining the relationship between parent and infant attention to emotions using eye-tracking. Poster presented at the Society for Research in Child Development, Philadelphia, PA.
- Heck, A., Mills-Smith, L., & Panneton, R.* (2014, July). Examination of infants' negativity bias in emotion perception using bimodal dynamic and static displays. Paper presented at the International Conference on Infant Studies, Berlin, Germany.
- Mills-Smith, L., Spangler, D., Panneton, R., & Fritz, M.* (2014, July). A quantitative survey of effect size reporting and interpretation in infant research. Poster presented at the International Conference on Infant Studies, Berlin, Germany.
- Panneton, R., & Wu, J.* (2014, July). Does infants' socially-guided attention uniquely predict language development? Poster presented at the International Conference on Infant Studies, Berlin, Germany.
- Davis, R., Heck, A., & Panneton, R.* (2014, July). Infants' gaze patterns on speaking faces as a function of synchrony and competing distractors. Poster presented at the International Conference on Infant Studies, Berlin, Germany.
- Maddox, B., White, S. W., & Panneton, R.* (2013, May). The effects of autism characteristics and social anxiety on gaze patterns in adults. Poster presented at American Psychological Society, Washington, D.C.
- Wu, Q., & Panneton, R.* (2013, May). Poster presented at American Psychological Society, Washington, D.C.
- Heck, A., & Panneton, R.* (2013, April). Moving self and moving others as key components in the negativity bias during infancy. Poster presented at the Society for Research on Child Development, Seattle, WA.
- Mills-Smith, L., & Panneton, R.* (2013, April). Human gaze activity is not sufficient in diminishing cognitive load during referential learning. Poster presented at the Society for Research on Child Development, Seattle, WA.
- Maddox, B., White, S. W., & Panneton, R.* (2012, November). Eye gaze patterns of adolescents with autism spectrum disorder and social anxiety. Association for Behavioral Cognitive Therapy.

- Wu, Q., Cristia, A., Seidl, A., & Panneton, R. (2012, June). Beyond hyperarticulation: Explaining vowel spaces in infant-directed speech. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
- Mills, L. & Panneton, R. (2012, June). Female face improves object-word associative learning in 14-month-olds. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
- McFarland, D., Polka, L., & Panneton, R. (2012, June). Physiological measures of interactional synchrony between infants and their mothers. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
- Heck, A., & Panneton, R. (2012, June). Visual+auditory congruity affects infants' eye tracking of talking faces. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
- *Tucker, B. & Panneton, R. (2012, June). Infants' eye-tracking of fused vs. Mismatched auditory/visual phonemes. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
- Maddox, B., White, S., & Panneton, R. (2012, April). A pilot study on the influence of social anxiety and autism symptoms on eye gaze patterns in adolescents. Social Anxiety Society.
- Heck, A., *Dunbeck, K., & Panneton, R. (2011, March). Infants' scanning patterns differ to face+voice displays as a function of speaker emotion. Poster presented at the Society for Research in Child Development, Montreal, Canada.
- Wu, Q., Panneton, R., & McMurray, R. (2011, March). Hyperarticulation is beneficial but not perceptible by older infants. Poster presented at the Society for Research in Child Development, Montreal, Canada.
- Salley, B., Panneton, R., *Lutgens, B., & Scarpa, A. (2010, March). Let's "face" it: Social attention predicts language development. Poster presented at the International Conference on Infant Studies, Baltimore, Maryland.
- Salley, B., Hu, S., *Lutgens, B., & Panneton, R. (2010, March). Hearing faces and seeing voices: Infants' eye tracking patterns during AV integration. Poster presented at the International Conference on Infant Studies, Baltimore, Maryland.
- *Ahmed, M., Panneton, R., Bhullar, N., & Polka, L. (2010, March). Infant-directed voice, but not face, is necessary for infants' speech perception in noise. Poster presented at the International Conference on Infant Studies, Baltimore, Maryland.
- Wu, Q., Panneton, R., & McMurray, R. (2010, March). Hyperarticulation is beneficial but not perceptible by older infants. Poster presented at the International Conference on Infant Studies, Baltimore, Maryland.
- Panneton, R. (2009, May). Visual speech information improves discrimination of non-native phonemes in late infancy. Talk at the Cross-Language Speech Perception and Variations in Linguistic Experience Workshop, Portland, OR.
- Versele, J., Panneton, R., & Polka, L. (2009, April). Infant-directed voice and face augments infants' attention to speech in noise. Poster presented at the Society for Research in Child Development, Denver, CO.
- Salley, B., Panneton, R., Lutgens, B., & Scarpa, A. (2009, April). Relating infants' social attention to their emerging language skills. Poster presented at the Society for Research in Child Development, Denver, CO.
- Polka, L., Panneton, R., & Versele, J. (2008, June). The effect of facial dynamics on infant perception of adult-directed speech in noise. Poster presented at the Acoustical Society of America, Paris, France.
- *Hockman, C., Versele, J., & Panneton, R. (2008, March). Gender differences in older infants'

- auditory-visual integration of speech using the McGurk Effect. Poster presented at the International Conference on Infant Studies, Vancouver, British Columbia.
- Bhullar, N., & Panneton, R.* (2008, March). Happy, but not sad dynamic speakers facilitate word recognition in 11-to-13-month-old infants. Poster presented at the International Conference on Infant Studies, Vancouver, British Columbia.
- McIlreavy, M., & Panneton, R.* (2008, March). Looking and listening patterns in 4- and 8-month-old infants: Lack of correspondence between measures of attention across modalities. Poster presented at the International Conference on Infant Studies, Vancouver, British Columbia.
- Versele, J., Polka, L., Rvachew, S., & Panneton, R.* (2008, March). Effects of voice quality and face information on infants' speech perception in noise. Poster presented at the International Conference on Infant Studies, Vancouver, British Columbia.
- *White, G., Bhullar, N., & Panneton, R.* (2007, August). Effects of facial and vocal emotion on word recognition in 11- to 13-month-old infants. Poster presented at the Multicultural Academic Opportunities Program Summer Research Symposium, Virginia Tech, Blacksburg, VA.
- Kitamura, C., Panneton, R., *Notley, A., & *Diehl, M.* (2006). Attuning to the native dialect: When more means less. Paper presented at the Eleventh Australasian International Conference on Speech Science and Technology, New Zealand.
- Bhullar, N., & Panneton, R.* (2006, June). Auditory-visual information facilitates infants' non-native discrimination of facially distinct and non-distinct contrasts. Poster presented at the International Conference for Infant Studies, Kyoto, Japan.
- *Kim, H. J., *Diehl, M., Panneton, R., & Moon, C.* (2006, June). Hyperarticulation in mothers' speech to babies and puppies. Poster presented at the International Conference for Infant Studies, Kyoto, Japan.
- McIlreavy, M., Bhullar, N., Panneton, R., & Aslin, R.* (2006, June). Changing patterns of attention to static and dynamic visual events during infancy. Poster presented at the International Conference for Infant Studies, Kyoto, Japan.
- *Diehl, M., *Varga, K., Panneton, R., Burnham, D., & Kitamura, C.* (2006, June). Six-month-olds' perception of native speech accent. Poster presented at the International Conference for Infant Studies, Kyoto, Japan.
- Panneton-Cooper, R., Kitamura, C., Mattock, K., & Burnham, D.* (2004, June). Differences in 16- and 30-week-old human infants' attention to emotional information in adult speech. Paper presentation at the 37th International Society for Developmental Psychobiology, Aix-en-Provence, France.
- Panneton-Cooper, R., Kitamura, C., Mattock, K., & Burnham, D.* (2004, May). Conjoint influences of emotional valence and speaking rate on preferences for infant-directed speech across age. Poster presented at the International Conference on Infant Studies, Chicago.
- McIlreavy, M., Bhullar, N., & Panneton-Cooper, R.* (2004, May). Behavioral and psychophysiological responses of 1- and 4-month-olds to differing rates of infant-directed speech. Poster presented at the International Conference on Infant Studies, Chicago.
- Kitamura, C., Panneton-Cooper, R., Mattock, K., & Burnham, D.* (2004, April). Developmental influences of emotion and speech rate on preferences for infant-directed speech. Paper presentation at the 31st Australasian Experimental Psychology Conference, Dunedin, New Zealand.
- Panneton-Cooper, R., & Richards, J. E.* (2003, November). Developmental differences in infants' attentional heart rate responses to visual and auditory events. Poster

- presentation at the International Society for Developmental Psychobiology, New Orleans.
- Panneton-Cooper, R., & Richards, J. E. (2003, April). Infants' heart rate responses to multimodal displays of infant-directed speech. Paper presented at the 30th Australasian Conference of the Experimental Psychology Society, Sydney, Australia.
- McIlreavy, M., Hoffman, K.A., & Panneton-Cooper, R. (2003, April). Father recognition in 9- to 12-month-old infants. Poster presented at the Society for Research in Child Development, Tampa, FL.
- Panneton-Cooper, R., & Richards, J. (2003, April). Attention to infant-directed displays and heart rate activity in infants. Poster presented at the Society for Research in Child Development, Tampa, FL.
- McCartney, J., & Panneton-Cooper, R. (2002, April). The ability of four-month-olds to discriminate changes in vocal information within multimodal displays. Poster presented at the International Conference on Infant Studies, Toronto, Canada.
- Panneton-Cooper, R., & Bell, M. A. (2002, April). Infant-directed speech produces differential activation of cortical areas in 8-month-old infants. Poster presented at the International Conference on Infant Studies, Toronto, Canada.
- Cooper, J. S., Ostroff, W. L., & Panneton-Cooper, R. (2002, April). Visual stimulation affects infant attention to rate of infant-directed speech. Poster presented at the International Conference on Infant Studies, Toronto, Canada.
- Ostroff, W. L., & Panneton-Cooper, R. (2001, April). Female voice facilitates 11-month-olds' discrimination of a hindi contrast. Poster presented at the Society for Research in Child Development, Minneapolis, MN.
- Cooper, J. S., & Panneton-Cooper, R. (2001, April). Infant attention to rate of infant-directed speech in the context of varying levels of visual stimulation. Poster presented at the Society for Research in Child Development, Minneapolis, MN.
- Ostroff, W. L., & Panneton-Cooper, R. (1999, April). The perceptual draw of prosody: infant-directed speech within the context of declining nonnative phoneme perception. Poster presented at the Society for Research in Child Development, Albuquerque, NM.
- Cooper, J. S., & Panneton-Cooper, R. (1999, April). Rate affects infants' attention to speech: Two-month-old infants prefer unusually slow infant-directed speech. Poster presented at the Society for Research in Child Development, Albuquerque, NM.
- Strunk, P. C., Green, C., & Panneton-Cooper, R. (1998, April). Maternal speech to 1- and 4-month-old infants: A content analysis. Poster presented at the International Conference for Infant Studies, Atlanta.
- Cooper, J. S., Ostroff, W. L., & Panneton-Cooper, R. (1998). The role of rate in directing attention to infant-directed speech: A replication. Poster presented at the International Conference on Infant Studies, Atlanta.
- Ostroff, W. L., Cooper, J. S., & Panneton-Cooper, R. (1998). Temporal characteristics influence infant attention to infant-directed speech. Poster presented at the International Conference on Infant Studies, Atlanta.
- Ward, C. D., Phillips, P. M., & Panneton-Cooper, R. (1998). Lack of preference for the paternal face in four-month-olds. Poster presented at the International Conference on Infant Studies, Atlanta.
- McCartney, J., Theaux, H. M., Alexander, K., & Panneton-Cooper, R. (1998). ID pitch contours are not sufficient to elicit preferences in 4-month-olds. Poster presented at the International Conference on Infant Studies, Atlanta.
- Theaux, H. M., McCartney, J., & Panneton-Cooper, R. (1997, October). Six-month-olds' discrimination of information in infant-directed speech. Paper presented at the

- International Society for Developmental Psychobiology, New Orleans.
- Cooper, J. S., & Panneton-Cooper, R. (1997, October). Rate affects infants' preferences for speech. Paper presented at the International Society for Developmental Psychobiology, New Orleans.
- Ward, C. D., McCartney, J., & Panneton-Cooper, R. (1996, April). Infants' recognition of the paternal voice: Lack of preference in adult-directed and infant-directed contexts. Poster presentation at the International Conference for Infant Studies, Providence, Rhode Island.
- Ward, C. D., Abraham, J. L., & Panneton-Cooper, R. (1995, March). Lack of preference for the paternal voice in four-month-olds. Poster presentation at the Society for Research in Child Development, Indianapolis.
- Abraham, J. L., & Panneton-Cooper, R. (1995, March). One-month-old infants' preferences for duration in infant-directed speech. Poster presentation at the Society for Research in Child Development, Indianapolis.
- Abraham, J. L., Panneton-Cooper, R., & Pikalek, L. (1994, June). Development of infant preference for maternal infant-directed speech. Poster presentation at the International Conference on Infant Studies, Paris, France.
- Panneton-Cooper, R. (1993, July). An ecological perspective on young infants' perception of speech. In "Knowing, Interacting, and Listening: Ecological Approaches to Language and Speech." The Sixth International Congress for the Study of Child Language, Trieste, Italy.
- Panneton-Cooper, R., Berman, S., & Piston, J. (1992, May). Young infants do not prefer maternal infant-directed over adult-directed speech. Poster presented at the International Conference on Infant Studies, Miami, FL.
- Parker-Price, S., Panneton-Cooper, R., Culp, A., & Culp, R. (1992, May). Comparisons of prosodic features in infant-directed speech between teenage and adult mothers. Poster presented at the International Conference on Infant Studies, Miami, FL.
- Panneton-Cooper, R., & Piston, J. (1991, April). Young infants' processing of prosodic contours in infant-directed speech. Poster presented at the Society for Research in Child Development, Seattle, Washington.
- Moon, C., Panneton-Cooper, R., & Fifer, W. P. (1991, April). Two-day-olds prefer the maternal language. Poster presented at the Society for Research in Child Development, Seattle, Washington.
- Piston, J., & Panneton-Cooper, R. (1990, October). The role of prosody in the preference for infant-directed speech in one-month-olds. Paper presented at the Virginia Developmental Forum, Fairfax, Virginia.
- Murphy, W. D., Gerken, L., Panneton-Cooper, R., & Aslin, R. N. (1990, May). Children's discrimination of phonologically similar items. Poster presented at the Acoustical Society of America, State College, Pennsylvania.
- Panneton-Cooper, R. (1990, April). Newborn infants prefer infant-directed to adult-directed speech. Poster presented at the International Conference on Infant Studies, Montreal, Canada.
- Panneton-Cooper, R. (1990, February). Developmental differences in young infants' sensitivity to the prosodic features of speech. In: Early developmental contributors to speech and song in man and bird. Invited presentation at the Developmental Psychobiology Symposium, Hunter College, New York.
- Panneton-Cooper, R. (1988, April). One-month-old infants prefer motherese speech. Poster presented at the International Conference for Infant Studies, Washington, D.C.
- Wagner, S. H., Panneton, R., & Dell, G. (1987, April). Concept acquisition with auditory-visual correlates: How green is a colorless green idea? Poster presented at the Society for Research in Child Development, Baltimore, Maryland.

- Panneton, R., & DeCasper, A. J. (1986, April). Newborns' postnatal preference for a prenatally experienced melody. Poster presented at the International Conference for Infant Studies, Beverly Hills, California.
- Panneton, R., & DeCasper, A. J. (1984, April). Newborns prefer intrauterine heartbeat sounds to male voices. Poster presented at the International Conference for Infant Studies, New York, New York.
- Panneton, R., & DeCasper, A. J. (1983, March). Preference procedure reveals sex differences in newborns' processing of speech and non-speech sounds. Paper presented at the Southeastern Psychological Association, Atlanta, Georgia.
- Panneton, R., & DeCasper, A. J. (1982, March). Newborns are sensitive to temporal and behavioral contingencies. Paper presented at the International conference for Infant Studies, Austin, Texas.

PROFESSIONAL ACTIVITY

Memberships

Association for Psychological Science (APS)
 Society for Research on Child Development (SRCRD)
 International Congress on Infant Studies (ICIS)

Professional Service and Editorial Positions

Co-Chair, Perception and Motor Development Review Panel, Society for Research in Child Development, 2024 (for meeting in May, 2025)

Co-organizer, 43rd Minnesota Symposium on Child Development; *The Infant as Integrated System: From Perception and Sensation to Learning and Memory*; Festschrift in Honor of Dr. Richard Aslin; October 17-18, 2024.

Associate Editor, *Infancy*, 2017 - 2024

Member, College of Reviewers, Developmental and Learning Sciences Program, National Science Foundation (August 2016 to present)

Co-organizer, International Conference on Infant Studies, Minneapolis, MN, 2012

Consulting Editor, *Infancy*, 2003 - 2013.

Consulting Editor, *Developmental Psychology*, 1996-98

Member, Undergraduate Student Awards Committee, International Society on Infant Studies, 2004 to 2016

Ad-Hoc Journal Reviewing (past 5 years)

Cognition
 Developmental Science
 Current Directions in Psychological Science
 Journal of Experimental Child Psychology
 Developmental Psychology
 Child Development
 Infant Behavior and Development
 Journal of Pediatrics
 Frontiers in Psychology
 International Journal of Behavioral Development
 Journal of Memory and Language Cognition
 Developmental Psychobiology
 Journal of Autism and Developmental Disorders

Ad-Hoc Reviewing for Grants and Conferences

Abstract Reviewer for ICIS, 2016, 2018, 2020

Abstract Reviewer for SRCRD, 2011, 2017, 2019, 2021

National Science Foundation, 2008 National Institutes of Health, 2007

NSF Study Panel (Developmental Science) - 2017

Social Sciences and Humanities Research Council of Canada, 2007; 2009; 2010; 2011; 2012
 Student Abstracts - International Society for Infant Studies, 2004, 2006, 2008, 2012
 Abstracts for Division 7, American Psychological Association, 2003
 Abstracts for the International Society for Infant Studies, 1997, 2001 Abstracts
 for the Biennial Society for Research on Child Development, 2000 Human
 Development Conference, 1996

INSTITUTIONAL SERVICE

Department of Psychology

Director	Developmental and Biological Psychology program, 2004-2009 Acting Chair
Chair	Psychological Sciences Graduate Program, 1998-99 Teaching Excellence Committee, 2007-10; 2024 - present; Colloquium Committee, 1993-95, 2008 to 2010; 2013 to 2020; Developmental Science Search Committee, 2004-05; Developmental Psychology Search Committee, 2002-03; 2003-04; Space Committee, 1997-2003; Affirmative Action Committee, 1994-96
Member	Undergraduate Curriculum Committee, 2013-2020; Teaching Excellence Committee, 1993-95, 2021-2024; Colloquium Committee, 1992-94; Promotion and Tenure Committee, 1996-98, 2002-06; 2008 to 2010; Developmental Science Across the Lifespan initiative; 2004 to 2010; 2023-present; Core Curriculum Committee, 1995-2006; Lab School Coordinator Search Committee, Department of Human Development, 2004-05; Department Chair Search Committee, 2000-01; Executive Committee, 1996-98; Faculty Search Committee, 1995-96 (Psychological Science area); Human Subjects Committee, 1992-93
Faculty Rep	College of Science, 2003-04
Fac Sponsor	Psi Chi Club, 1989-92

College of Science

Associate Dean	Undergraduate Programs, 2017-2021.
Interim President	College of Science Faculty Association, 2003-04
Vice President	College of Science Faculty Association, 2006-07
Chair	College of Science Teaching Excellence Committee, 2006-07; College of Science Governance Committee, 2003-04
Board Member	NSF S-STEM grant to Dr. Jill Sible, Department of Biological Sciences; award to VT to train economically challenged students for careers in biotechnology; 2008 to 2013.
Member	Commission for Undergraduate Studies and Policies, 2010 to 2013, 2017-2020; Committee for Undergraduate Curriculum, 2010 to 2013; Teaching Excellence Committee, Spring, 2006; School of Neuroscience Faculty Search Committee, 2016; Search Committee Embedded Mental Health Counselor, 2020.

Diversity and Inclusion

Mentor/Supervisor	ISCE Summer Fellow Grant: Ms. Dakota Robinson from University of Massachusetts, Boston, May – August, 2014; IMSD Program (Ms. Mariam Ahmed; Mr. Breon Tucker), Virginia Tech, 2009-2010; MAOP Program (Ms. Tandra Jones), Virginia Tech, 2008; McNair Scholar Program (Ms. Giovanna White), Virginia Tech, 2007; MAOP Program (Mr. Marshaun Glover), Virginia Tech, 2006; VT Prep Program (Ms. Maria Diehl), Virginia Tech, 2004-06; Minority Academic Opportunities Program, 2000
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University

Senator	Faculty Senate at Virginia Tech, 2022-2024
Chair	Academic Policy Committee, 2018-2022
Co-chair	University task force on Students with Disabilities, 2018-2019
Member	Commission on Faculty Affairs, 2023-2024; Task Force on Internal Governance Restructuring, 2021-22; Academic Policy Committee, 2020-2021; University task force on mental health issues on campus, 2018-2019; Commission on Undergraduate Studies and Policies, 2011-2012; Faculty of Health Sciences, 2013 to present; Provost Council, 2009-2015; Undergraduate Curriculum Committee, 2010-2012; University Council, 2011- 2012; Commission on Undergraduate Studies and Policies, 2009-2011; 2017- present; Commission on Graduate Studies and Policies, 2009 – 2012; Graduate Student Appeals Committee, 2011 – present; Neuroscience Symposium Committee, 2009 – 2010; Search Committee, Virginia Tech Child Development Lab School, 2004; University Council on Strategic Budget and Planning, 2003-07; Linguistics Speech Lab, Department of English, Virginia Tech, 2003; Man and Woman of the Year Selection Committee, 1997.
Sponsor	75th Anniversary of Women at Virginia Tech (Lisa Pikalek-Karlish), 1996
Participant	Women's Mentoring Program, 1990; Search Committee Member, School of Neuroscience faculty, 2016-17; Search Committee Member, Center for Translational Health Sciences faculty, 2017-18.

Community

Board Member	Community Foundation of the New River Valley; 2010 to 2013; MHANRV, 1993- 1995.
Chair	Nominations Committee, MHANRV
Treasurer	Mental Health Association of the New River Valley (MHANRV);
1996 Science; Mentor	Ms. Lauren Sass, Bynam Hills High School, Montouk, NY, 2007-09; Roanoke County Mentor Apprenticeship Program (Alicia Todd); Community Advisor Scholarship Committee, Community Foundation of the NRV; 2007-present.
Guest Lecture	Blacksburg High School, AP Psychology course, March, 2009; Blacksburg High School, AP Statistics course, April, 2008; "Moms' Talk"; Montgomery Regional Hospital; Lions Club, Blacksburg, VA; New River Valley Parents of Multiples Club, Blacksburg, VA
Member	Awards Committee, MHANRV
Volunteer	Free Clinic of the New River Valley, 2010-2012

GRADUATE STUDENT ADVISING (M.S. in Psychology)

1. Jeffrey Piston: (Mr. Piston died in November, 1991)
M.S. (not completed): *The acoustic determinants of infants' preferences for infant-directed speech.*
2. Heather Theaux:
M.S. in 1997: *The Relative Perceptual Salience of Linguistic and Prosodic Information in Infant-Directed Speech for Six-Month-Olds.*
3. Sheryl Berman (currently runs a day-care center in Hilton Head, SC)
M.S. in December, 1990: *Taking the mother out of motherese: Young infants' preference for mothers' use of infant-directed speech.*
4. Pia Strunk Prenevost: NICU Nurse, Children's Hospital and Clinic, St. Paul, MN
M.S. in December, 1997: *Changes in the Content and Prosody of Mother's Speech to Infants Across the First Postnatal Year.*

5. Larry Kim:
M.S. in December 2017: *"Differential Perception of Auditory and Visual Aspects of Emotion in 7- to 15-Month-Old Infants"*.
6. Tyler McFayden:
M.S. in May 2018: *"Social and Nonsocial Priming Effects on 12- to 15-Month-Olds' Preferences for Infant-Directed Speech"*.
7. Madeleine Bruce:
M.S. in December, 2019: *"Multisensory Integration in Social and Non-social Events and Emerging Language in Toddlers"*.

GRADUATE STUDENT ADVISING (M.S./Ph.D. in Psychology)

1. Susan Parker-Price
Ph.D. in August, 1993: *Early infant attention and emotional responding to dynamic and static bimodal displays of affect*.
2. Jane Abraham: Assistant Professor, School of Education, Virginia Tech
Ph.D., May 1995: *Mother and infant communication: Mothers' experiences and infants' preferences*
3. Cynthia Ward: Chair, Department of Psychology, Virginia Intermont University, Bristol, VA
M.S. in May, 1995: *The role of context in infant preference for father's voice*.
Ph.D. in May 1998: *The Role of Multisensory Information in Infants' Recognition of their Fathers*.
4. Jason McCartney: Chair, Department of Psychology, Salisbury State University, Salisbury, MD
M.S. in May, 1997: *The role of pitch contours in directing infants' attention to adult speech*.
Ph.D. in May 1999: *The Ability of Four-Month-Olds to Discriminate Changes in Vocal Information in Multimodal Displays*
5. Wendy Ostroff: Associate Tenured Professor, Hutchins School of Interdisciplinary Studies, Sonoma State University, Sonoma, CA
M.S. in May 1998: *Infant-Directed Speech and the Reorganization of Cross- Language Speech Perception*.
Ph.D. in May 2000: *Non-Linguistic Influences on Infants' Nonnative Phoneme Perception: Do Exaggerated Prosody and Visual Speech Information Improve Discrimination?* (****2000 American Psychological Association Dissertation Award).
6. Jamie Cooper: Assistant Vice Provost for Academic Programs, VCU, Richmond, VA.
M.S. in May, 1998: *The Ability of Speaking Rate to Influence Infants' Preference for Infant-Directed Speech*.
Ph.D. in May 2001: *Infant Attention to Rate of Infant-Directed Speech in the Context of Varying Levels of Visual Stimulation*
7. Megan McIlreavy: Associate Dean, Coastal Carolina University, Myrtle Beach, NC.
M.S. in May, 2003: *Infants' Heart Rate Responses to Differing Rates of Infant- Directed Speech*.
Ph.D. in May, 2006: *Looking and Listening Patterns in 4- and 8-Month-Old Infants: Correspondence between Measures of Attention across Modalities*
8. Naureen Bhullar: Assistant Professor (Tenure-track), Department of Psychology, Widener University, Chester, PA
M.S. in May, 2005: *The influence of gender and multisensory information on infants' discrimination of non-native phonemes*
Ph.D. in May 2007: *Effects of Facial and Vocal Emotion on Word Recognition in 11- to-13-Month-Old Infants*
9. Brenda Salley: Assistant Professor of Pediatrics, University of Kansas School of Medicine; co-chaired her dissertation with Dr. Angela Scarpa
Ph.D. in May, 2010: *Relating Infants' Social Engagement Profiles to Individual*

Differences in Language Outcomes

(****2010-2011: Honorable mention in the James McKeen Cattell award competition for outstanding doctoral dissertation in psychology).

(****2009-2010: *Elizabeth Munsterberg Koppitz Graduate Student Fellowship*, American Psychological Foundation; \$25,000)

10. Qiong Wu:

M.S. in February, 2011: *Do Infants Discriminate Hyper-from Non-Hyperarticulated Speech?*

Ph.D. in December, 2013: *Does Infants' Socially-Guided Attention Uniquely Predict Language Development?*

11. Alison Heck: Post-doctoral fellow under the direction of Dr. Ramesh Bhatt at the University

M.S. in December, 2012: *Effects of Motion on Infants' Negativity Bias in Emotion Perception.*

Ph.D. in May, 2015: *Bidirectional Influence of Emotion Processing on Language Development in Infancy: Evidence from Eye-Tracking Mothers and Infants.*

12. Laura Mills-Smith: Assistant Professor in the Department of Psychology at St. Lawrence University

M.S. in May, 2013: *The Effects of Social Attention on Infants' Referential Learning*

Ph.D. in May 2016: *The Role of Contingency and Social Cues on Infants' Cognitively Demanding Word-Object Learning*

13. Caroline Taylor

M.S. in May 2021: *Does Socioeconomic Status Differentially Affect the Relationship between Multisensory Integration and Language Skill in 18-Month-Olds*

Ph.D. in May 2023: *Does Temperament Differentially Influence Study Completion Rates for 18 and 24-Month-Olds Participating in a Remote Study?*

14. Madeline Netto: current graduate student

M.S. in May, 2024: *A Fine-Grained Analysis of Multisensory Integration and Emerging Language in 24-Month-Olds*

PhD. Anticipated in May 2027.