

## Vrinda Kalia Ph.D.

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### PROFESSIONAL EXPERIENCE

2017 – Present

- Assistant Professor, Department of Psychology, Miami University
- Faculty Affiliate Asian and Asian American Studies, Miami University
- Faculty Associate Doris Bergen Center for Human Development, Learning, and Technology

2014 – 2017

- Visiting Assistant Professor, Department of Psychology, Miami University
- Faculty Affiliate Asian and Asian American Studies, Miami University

2011 – 2014

- Assistant Professor, Department of Psychology, Worcester State University

2009 – May 2010

- Visiting Assistant Professor, Department of Psychology, Elon University

### EDUCATION

**Ph.D., M.A.**, Department of Psychology, Clark University, Worcester, MA

Dissertation: *English Oral Language, and Literacy Development in Indian Bilingual Preschool Children: Exploring the role of home literacy environment*

**Graduate Diploma in Science**, Department of Psychology, Victoria University of Wellington, New Zealand

Thesis: *Narratives in spontaneous interactions of mothers and adolescent daughters from the Indian immigrant community in Wellington, New Zealand*

**B.A. (Hons.)** Jesus and Mary College, New Delhi, India

### RESEARCH INTERESTS

- 1) To understand how executive processes are influenced by environmental demands.
- 2) To examine the differential impact of short-term environmental influences (e.g. acute stress) versus enduring environmental exposures (e.g. bilingualism) on executive processes.
- 3) Studying the relation between the goal-oriented personality trait grit and executive processes.

### PUBLICATIONS

<sup>UG</sup> Undergraduate student co-author; <sup>MUG</sup> Miami undergraduate student co-author

<sup>G</sup> Graduate student co-author; <sup>MG</sup> Miami graduate student co-author

- <sup>MG</sup>Ortiz, S., <sup>MG</sup>Knauff, K., Smith, A.R. and **Kalia, V.** (2019) Expressive suppression mediates the relationship between disordered eating and suicidal ideation. *Journal of Clinical Psychology*. IF = 2.33
- **Kalia, V.**, <sup>MG</sup>Fuesting, M.A. and <sup>MG</sup>Cody, M. (2019) Perseverance in solving Sudoku: Role of grit and cognitive flexibility in problem solving. *Journal of Cognitive Psychology*. 5 year IF = 1.66, Cited = 1 time

- <sup>MG</sup>Knauff, K., <sup>MG</sup>Ortiz, S., <sup>MG</sup>Velkoff, L., Smith, A.R. and **Kalia, V.** (2019) Keep calm and carry on? Grit buffers against disordered eating unless expressive suppression is used to regulate emotions. *Journal of Social and Clinical Psychology*, 38, 321-342. 5 year IF = 2.02
- **Kalia, V.**, <sup>C</sup>Daneri, M.D. and Wilbourn, M.P. (2019) Relations between vocabulary and executive functions in Spanish-English dual language learners, *Bilingualism: Language and Cognition*, 22, 1-14. 5 year IF = 3.07, Cited = 3 times
- **Kalia, V.**, Vishwanath, K., <sup>MG</sup>Knauff, K., <sup>MUG</sup>Von DerVellen, B., Luebbe, A. and <sup>MUG</sup>Williams, A. (2018) Acute stress attenuates cognitive flexibility in males only: An fNIRS examination. *Frontiers in Psychology – Cognition*, 9. 5 year IF = 2.75, Cited = 1 time
- **Kalia, V.**, Thomas, R., <sup>MUG</sup>Osowski, K., and <sup>MG</sup>Drew, T. (2018) Staying alert? Examining the neural correlates of the association between grit and attention networks. *Frontiers in Psychology – Cognition*, 9. 5 year IF = 2.75, Cited = 4 times
- **Kalia, V.**, Lane, P.D. and Wilbourn, M.P. (2018) Cognitive control and phonological awareness in the acquisition of second language vocabulary within the Spanish-English dual immersion context. *Cognitive Development*, 48, 176-189. 5 year IF = 2.00
- **Kalia, V.**, Wilbourn, M.P. and <sup>UG</sup>Ghio, K. (2014) Better early or late? Age of second language acquisition and executive functions in early and late bilinguals. *Journal of Cognitive Psychology*, 26, 699-713. 5 year IF = 1.66, Cited = 25 times
- Wilbourn, M.P., Kurtz, L.E. and **Kalia, V.** (2012) The lexical stroop sort (LSS) picture-word task: A computerized task for assessing the relationship between language and executive functioning in school-aged children, *Behavior Research Methods*, 44, 270-286. 5 year IF = 4.88, Cited = 11 times
- **Kalia, V.** and Reese, E. (2009) Relations Between Indian Children's Home Literacy Environment and Their English Oral Language and Literacy Skills, *Scientific Studies of Reading*, 13, 122-145. 5 year IF = 3.87, Cited = 39 times
- **Kalia, V.** and Weatherall, A. (2009) "When Mister Right comes along": Gender and ethnic identity in narratives from spontaneous Indian New Zealander mother-daughter conversations, *Qualitative Research in Psychology*, 6, 219-232. IF = 1.66, Cited = 2 times
- **Kalia, V.** (2007) Assessing the Role of Book Reading Practices in Indian Bilingual Children's English Language and Literacy Development. *Early Childhood Education Journal*, 35, 149-153. IF = .93, Cited = 39 times
- Kim, S., Arner, J., Barcinski, M., **Kalia, V.**, Mansfield, A.K. and Willis, J.L. (2007) Reflections on enacting critical psychology. *The International Journal of Critical Psychology*, 19, 93-109. No impact factor reported.
- Barcinski, M. and **Kalia, V.** (2005) Extending the Boundaries of the Dialogical Self: Speaking from within the feminist perspective, *Culture and Psychology*, 11, 101-109. 5 year IF = 1.35, Cited = 23 times

#### BOOK CHAPTERS AND CONFERENCE PROCEEDINGS

- <sup>MUG</sup>Williams, A., Vishwanath, K. and **Kalia, V.** (2018) Separating systemic and functional components of the hemodynamic signal: A comparison using two techniques. Conference proceedings from *Clinical and Translational Biophotonics Congress*, JW3A-47.

- **Kalia, V.**, Wilbourn, M.P. and <sup>UG</sup>Mitchell, C. (2013) Cultural differences in narratives and reading achievement in African American children. Invited conference proceedings from poster presented at the *Boston University Conference on Language Development (BUCLD-37)*, Boston, MA.
- **Kalia, V.**, and Vagh, S.B. (2008) Home Literacy Environments of Young Indian Children from Low-and-Middle-Socioeconomic Backgrounds, R.T. Waddell & R.M. McBride (Eds.) *New Research in Early Childhood Education (pp 11-34)*, Nova Science Publishers. Cited = 6 times

### MANUSCRIPTS UNDER REVIEW

- <sup>MG</sup>Knauff, K., Smith, A.R. and **Kalia, V.** (under review) Differential associations between strategies of emotion regulation and facets of gritty personality in emerging adulthood and adulthood
- **Kalia, V.**, <sup>MG</sup>Knauff, K., and Lucca, K. (invited revision under review) Second language story comprehension and second language emergent literacy in bilingual children from India. *Journal of Research in Reading*
- **Kalia, V.**, <sup>MG</sup>Aggarwal, P. and Raval, V. (under review) Biculturalism as a buffer against parent-child conflict? Exploring the role of biculturalism in the relation between South-East Asian college students and their parents

### MANUSCRIPTS IN PREPARATION

- **Kalia, V.**, <sup>MUG</sup>Osowski, K., Clerkin, E., Vishwanath, K. and Yucel, M. (in prep.) Mindfully making decisions: Examining the impact of brief mindfulness practice on risky decision making
- **Kalia, V.**, <sup>MUG</sup>Alt, H., and Wilbourn, M.P. (in prep.) Storytelling and executive functions in Spanish-English dual language learners
- Ruba, A., **Kalia, V.**, and Wilbourn, M.P. (in prep.) Why is she happy? Maternal discrete emotion talk and infant emotion vocabulary development
- **Kalia V.** (in prep.) Gritty goal pursuit and perceived chronic stress: Exploring implications for academic problems
- **Kalia, V.** and Knauff, K. (under review) Perceived stress mediates the relation between adverse childhood experiences and cognitive flexibility

## CONFERENCE PRESENTATIONS

### POSTER PRESENTATIONS

- <sup>MG</sup>Knauff\*, K.M., <sup>MG</sup>Price, N., Kiel, E., Vishwanath, K. & Kalia, V. (2019). Investigating the relationship between acute stress and functional brain hemodynamics in male children: Implications for cognitive flexibility. Poster to be presented the *52<sup>nd</sup> Annual Meeting of the International Society for Developmental Psychobiology* to be held in Chicago, Ill. \* Winner of Student Travel Award from the *International Society for Developmental Psychobiology*
- <sup>MG</sup>Price\*, N., <sup>MG</sup>Knauff, K.M., Kiel, E., Vishwanath, K. & Kalia, V. (2019). Emotional expressivity relates to oxygenated hemoglobin in right mPFC in male children: A functional near-infrared spectroscopy (fNIRS) investigation. Poster to be presented at the *52<sup>nd</sup> Annual Meeting of the International Society for Developmental Psychobiology* to be held in Chicago, Ill. \* Winner of Student Travel Award from the *International Society for Developmental Psychobiology*

- <sup>MUG</sup>Knauff, K. M., <sup>MUG</sup>Guthrie, M. I., <sup>MUG</sup>Haring, G. C., <sup>MUG</sup>Fisher, H. W., & **Kalia, V.** (2019). *Experience with childhood adversity increases cognitive flexibility in adulthood*. Poster presented at the annual meeting of the *Association for Psychological Science*, in Washington, D.C.
- <sup>MUG</sup>Hatton, R., <sup>MUG</sup>Knauff, K. M., <sup>MUG</sup>Finn, M., <sup>MUG</sup>Bray, M., <sup>MUG</sup>Eyler, K., & **Kalia, V.** (2019). *A gritty personality buffers against academic problems in college*. Poster presented at the annual meeting of the *Midwestern Psychological Association (MPA)*, Chicago, IL.
- **Kalia, V.**, <sup>MUG</sup>VonDer Vellen, B., <sup>MUG</sup>Jacobo, J. and Vishwanath, K. (2018) *Impact of acute stress on risky decision making: An fNIRS study*. Poster presented at the biennial meeting of the *Society for Functional Near Infrared Spectroscopy (SfNIRS)* held in Tokyo, Japan.
- Yucel, M., <sup>MUG</sup>Osowski, K., Vishwanath, K. and **Kalia, V.** (2018) *Brief mindfulness intervention and risky decision making: An fNIRS examination of intervention efficacy*. Poster presented at the *Society for Functional Near Infrared Spectroscopy (SfNIRS)* held in Tokyo, Japan.
- <sup>MUG</sup>Williams, A., Vishwanath, K. and **Kalia, V.** (2018) *Separating systemic and functional components of the hemodynamic signal: A comparison using two techniques*. Poster presented at the *Optical Society of America (OSA): Biophotonics Congress – Biomedical optics conference* held in Hollywood, Florida.
- <sup>MUG</sup>Knauff, K., **Kalia, V.**, Smith, A.R., <sup>MUG</sup>Fuesting, M. and Harris, Y. (2018) *Grit and emotion regulation in emerging adults and adults*. Poster accepted for presentation at the annual meeting of the *Midwestern Psychological Association (MPA)* held in Chicago, IL.
- <sup>MUG</sup>Inan, S. and **Kalia, V.** (2018) *Highly educated mothers modulate their strategies when teaching English to Indian children*. Poster accepted for presentation at the annual meeting of the *Midwestern Psychological Association (MPA)* held in Chicago, IL.
- <sup>MUG</sup>Knauff, K., <sup>MUG</sup>Printy, K., <sup>MUG</sup>Guthrie, M. and **Kalia, V.** (2018) *\*Perceived stress mediates the relationship between gritty perseverance and negative health outcomes*. Poster presented at the annual meeting of *Association for Psychological Sciences (APS)* held in San Francisco, CA. \*Honorary mention winner of Student Research Award at APS
- <sup>MUG</sup>Bourke, E., <sup>MUG</sup>Printy, K., **Kalia, V.** and Kiel, E.J. (2017) *Quality of maternal emotion talk differs by education and income levels*. Poster presented at the annual meeting of the *Midwestern Psychological Association (MPA)* held in Chicago, IL.
- <sup>MUG</sup>Osowski, K., **Kalia, V.** and Thomas, R. (2017) *Are gritty people more alert? Examining the relations between grit and the neural correlates of selective attention*. Poster presented at the biennial conference of the *Society for Research in Child Development (SRCD)* to be held in Austin, TX.
- **Kalia, V.**, Smith, A.R. and Harris, Y. (2017) *The cost of being gritty? Examining relations between grit, cognitive reappraisal and expressive suppression*. Poster presented at the biennial conference of the *Society for Research in Child Development (SRCD)* to be held in Austin, TX.
- **Kalia, V.**, <sup>MUG</sup>VonDer Vellen, B., <sup>MUG</sup>Osowski, K., Luebbe, A. and Vishwanath, K. (2016) *Using fNIRS to measure hemodynamic changes in the prefrontal cortex due to acute stress*. Poster presented at the biennial conference of the *Society for Functional Near Infrared Spectroscopy (fNIRS)*, held in Paris, France.
- <sup>MUG</sup>VonDer Vellen, B., <sup>MUG</sup>Sarac, S. <sup>MUG</sup>Buchanan, J., <sup>MUG</sup>Gong, M., Summerville, A. and **Kalia, V.** (2016). *Choosing among alternatives: Differences in counterfactuals between Asians and Americans*. Poster presented at the annual convention of the *Association for Psychological Science (APS)*, held in Chicago, IL.
- **Kalia, V.** and Raval, V. (2016) *Biculturalism, parent-child conflict and adjustment in Asian Indian college students*.

Poster presented the *23rd Congress of the International Association for Cross-Cultural Psychology (IACCP2016)* held in Aichi, Nagoya, Japan.

- <sup>MUG</sup>Cody, M., <sup>MUG</sup>Sarac, S., <sup>MG</sup>Gong, M., Thomas, R. and **Kalia, V.** (2016). Grit or growth mindset: Which is more useful for solving challenging problems? Poster presented at the annual convention of the *Association for Psychological Science (APS)*, held in Chicago, IL.
- <sup>UG</sup>Seward, M., Wilbourn, M.P., **Kalia, V.**, and Seaton, E. (2015). Exploring Racial Identity in 1st and 2nd Generation Black College Students. Poster accepted for presentation at the *Biennial Meeting of the Society for the Study of Emerging Adulthood*, Miami, Florida.
- <sup>UG</sup>Seward, M., <sup>UG</sup>Ruba, A., Seaton, E., **Kalia, V.**, and Wilbourn, M.P. (2015) It's a matter of perspective: Examining cultural differences in non-verbal communication styles. Poster presented at the biennial meeting of the *Society for Research in Child Development (SRCD)*, held in Philadelphia, PA.
- <sup>UG</sup>Seward, M., Wilbourn, M.P., **Kalia, V.**, & Seaton, E. (2015). Exploring Racial Identity in 1st and 2nd Generation Black College Students. Poster accepted for presentation at the *Biennial Meeting of the Society for the Study of Emerging Adulthood*, Miami, Florida.
- <sup>UG</sup>Ruba, A., **Kalia, V.**, <sup>G</sup>Johnson K.J., <sup>UG</sup>Johnson, R.M., Harris, L.T. and Wilbourn, M.P. (2015) Why do you think she's sad? Examining the impact of mother's talk on infants' emotion vocabulary. Poster presented at the biennial meeting of the *Society for Research in Child Development (SRCD)*, held in Philadelphia, PA.
- Soltano, E., <sup>UG</sup>Servello, M., <sup>UG</sup>Stillwell, J. and **Kalia, V.** (2015). The role structure plays in student's knowledge and metacomprehension. *Poster presented at Annual Meeting of the Eastern Psychological Association* held in Philadelphia, Pennsylvania.
- <sup>UG</sup>Donohue E., <sup>UG</sup>Quiles, J., <sup>UG</sup>Miller J., <sup>UG</sup>DeCastro S., Bohanek, J.G., and **Kalia, V.** (2014) Effect of emotion regulation and information modality on recall of negative events. Poster presentation at the annual meeting of the *Eastern Psychological Association (EPA)*, held in Boston, MA.
- <sup>G</sup>Lucca, K.R., **Kalia, V.**, and Wilbourn, M.P. (2013) Multimodal input in joint book reading activity facilitates early word learning. Poster presentation at the annual meeting of the *Cognitive Development Society (CDS)*, held in Memphis, TN.
- <sup>UG</sup>Rowland, D., <sup>UG</sup>Donohue, E., <sup>UG</sup>Manley, K., and **Kalia, V.** (2013) Who's to blame? Examining the effects of cognitive reappraisal on decisions about blame. Poster presented the annual convention of the *Association for Psychological Science (APS)*, held in Washington, DC.
- <sup>UG</sup>Johnson R.J., <sup>G</sup>Johnson, K.M., **Kalia, V.**, <sup>UG</sup>Ruba A., Wilbourn, M.P. and Harris, L. (2013) Don't worry be "Happy": Mother-child emotion talk during a picture book task. Poster presented to the annual convention of the *Association for Psychological Science (APS)*, held in Washington, DC.
- **Kalia, V.**, <sup>UG</sup>Donohue, E., Valdes, M.L., and Wilbourn, M.P. (2013) "The frog jumped on his head..." Examining perspective-taking, language development, and executive function in dual-language learners. Poster presented at the biennial meeting of the *Society for Research in Child Development (SRCD)*, held in Seattle, WA.
- **Kalia, V.**, Wilbourn, M.P., <sup>UG</sup>Mitchell, C. and <sup>UG</sup>Donohue, E. (2012) Cultural differences in narratives and reading achievement in African American children. Poster presented at the *Boston University Conference on Language Development (BUCLD-37)*, Boston, MA.

- <sup>UG</sup>Donohue, E., <sup>UG</sup>Mitchell, C., **Kalia, V.** and Wilbourn, M.P. (2012) The examination of narratives by dual language learners. Poster presented at the annual meeting of the *New England Psychological Association (NEPA)*, Worcester, MA.
- **Kalia, V.** and Reese, E. (2009) “You know what pet is?” Shared book reading in Indian families and associations with children’s English literacy development. Poster presented at the biennial meeting of *Society for Research in Child Development (SRCD)*, Denver, CO.
- Bohanek, J.G., **Kalia, V.**, Marsh, E. and Bauer, P.J. (2009) Consistency in children’s recall of personal events. Poster presented at the biennial meeting of *Society for Research in Child Development (SRCD)*, Denver, CO.
- **Kalia, V.**, Wiser, M. and Reese, E. (2009) The role of narrative skills in Indian bilingual children’s English literacy acquisition. Poster presented at the biennial meeting of *Society for Research in Child Development (SRCD)*, Denver, CO.
- **Kalia, V.** (2007) What’s books got to do with it? The Role of Book Reading in the Development of Oral Language and Literacy in Bilingual Children. Poster presented at the biennial meeting of *Society for Research in Child Development*, Boston, MA.
- **Kalia, V.** (2004) Culture as a Multivoiced Experience: The accounts of international students in the US. Poster presented at the *International Conference on the Dialogical Self*, Warsaw, Poland.

#### PAPER PRESENTATIONS

- Ruba, A., **Kalia, V.** and Wilbourn, M.P. (2019). Emotion vocabulary development over the second year of life: The impact of maternal emotion talk. Talk presented at the Biennial Meeting of the *Society for Research in Child Development (SRCD)*, Baltimore, MD.
- <sup>MG</sup>Knauff, K. M., <sup>MG</sup>Ortiz, S. N., <sup>MG</sup>Velkoff, E. A., Smith, A. R., & **Kalia, V.** (2019). *Grit buffers against disordered eating unless expressive suppression is used*. Talk presented at the 91<sup>st</sup> annual meeting of the *Midwestern Psychological Association (MPA)*, Chicago, IL.
- <sup>MG</sup>Kim, W., Summerville, A. & **Kalia, V.** (2019). Effects of counterfactual structure on shifting and inhibition. Talk presented at the 91<sup>st</sup> annual meeting of the *Midwestern Psychological Association (MPA)*, Chicago, IL.
- **Kalia, V.**, <sup>UG</sup>Anderstrom, E., <sup>UG</sup>Manley, K., Valdes, M.L. and Wilbourn, M.P. (2014) Narrative and vocabulary development in Spanish-English dual-language learners. Paper presentation at the annual meeting of the *Eastern Psychological Association (EPA)*, held in Boston, MA.
- **Kalia, V.** (2013) Using narratives to enhance students’ visual literacy. In paper symposium *Cognitive theories applied: Using cognitive psychology to improve classroom practices*, **V. Kalia, chair**. The annual convention of the *American Psychological Association (STP-Division)* held in Honolulu, Hawaii.
- **Kalia, V.** and Sorgan, S. (2013) Teaching conceptual synthesis in a collaborative environment. Paper presented at the meeting of the *International Higher Education Teaching and Learning Association (HETL Conference)*, held at the University of Central Florida in Orlando, Florida.
- Bauer, P.J., San Souci, P. and **Kalia, V.** (2009) Linking episodes in memory and development. Paper presented at *International Conference on Psychology*, Athens, Greece.
- **Kalia, V.** (2008) Assessing the role of home literacy environment in middle-income Indian children’s English vocabulary. Paper presented in symposium *Home literacy environments in diverse cultures*, **V. Kalia** and E. Reese chairs. *Annual meeting of Society for the Scientific Study of Reading*, Asheville, NC

- Reese, E., Sparks, A., **Kalia, V.**, Long, J., Suggate, S., and Elizabeth Shaughency (2008) Oral narrative skills and reading ability: Implications for assessment. In paper symposium *Narrative assessment of preschoolers: Significance and best practices*, Ageliki Nicolopoulou chair. *International Congress for the Study of Child Language*, Edinburgh, Scotland.
- **Kalia, V.** (2006) Oral Language, Narrative, and Literacy Development in Indian Bilingual Preschool Children: Exploring the Role of Home Literacy Environment and Preschool Literacy Ideology. In paper symposium, Elaine Reese and Stuart McNaughton chairs. Biennial meeting of the *International Society for the Study of Behavioral Development (ISSBD)*, Melbourne, Australia.
- Sparks, A., Reese, E. and **Kalia, V.** (2005) Home Influences on Child Language and Literacy in Low Income Families. In paper symposium *The socialization of cognition: Environmental influences on developmental change*, F. Morrison chair. *Biennial meeting of Society for Research in Child Development*, Atlanta, GA.
- **Kalia, V.** (2004) Collaborative Elicitation of Narrative from a Reluctant Story-teller. Paper presented at the *Narrative Matters conference*, New Brunswick Canada.
- **Kalia, V.** (2004) Retold Stories in Groups of Adolescent Boys. Paper presented at the *Graduate Student Council Conference* at Clark University, MA.

#### UNDERGRADUATE STUDENT CONFERENCES

- Alt, H. & Kellar, M. (2019). Bilingual brains: How language impacts children's narrative construction in English and Spanish. **Vrinda Kalia, Faculty Advisor**. Poster presented at the *Undergraduate Research Forum*, held at Miami University, Oxford, OH.
- Lott, D., Waldron, A., Timm, C., Bray, M. & Mathur, M. (2019). Stress N Flex: Impact of acute stress on executive functions. *Katherine Knauff, Graduate Student Advisor; Vrinda Kalia, Faculty Advisor*. Poster presented at the *Undergraduate Research Forum*, held at Miami University, Oxford, OH.
- Neupane, R., Finn, M., Fisher, H. & Price, N. (2019). Your kid on stress: The impact of stress on affect. *Katherine Knauff, Graduate Student Advisor; Vrinda Kalia, Faculty Advisor*. Poster presented at the *Undergraduate Research Forum*, held at Miami University, Oxford, OH.
- Jacobo, J. (2018). Taking risks: The impact of acute stress and sex on risky decision-making. **Vrinda Kalia, Faculty Advisor**. Poster presented at the annual *Hinkle Poster Session* at the Department of Psychology, Miami University.
- Haring, G., Guthrie, M. and Fisher, H. (2018). Adverse childhood experiences (ACEs) and physical and emotional health. *Katherine Knauff, Graduate Student Advisor; Vrinda Kalia, Faculty Advisor*. Poster presented at the annual *Hinkle Poster Session* at the Department of Psychology, Miami University.
- Mathur, M., Rizzo, J., Achar, D., Lott, D., Kong, M. and Wladron, A. (2018). Does acute stress disrupt the mind perception-eye gaze link? *Ryan Moreno, Graduate Student Advisor; Vrinda Kalia, Faculty Advisor*. Poster presented at the annual *Hinkle Poster Session* at the Department of Psychology, Miami University.
- Grewal, K., Lott, D., De Jesus, R.G., Rizzo, J. and VonDer Vellen, B. (2017). Utilizing fNIRS to track hemodynamic changes in response to acute stress and risk taking in the prefrontal cortex. **Vrinda Kalia and Karthik Vishwanath, Faculty Advisors**. Poster presented at *Undergraduate Research Forum*, held at Miami University, Oxford, OH.
- Osowski, K. and Jacobo, J. (2017). Silence is golden? Examining the impact of silence versus mindfulness on risky decision making. **Vrinda Kalia, Faculty Advisor**. Poster presented at *Undergraduate Research Forum*, held at Miami University, Oxford, OH.

- VonDer Vellen, B., Jacobo, J. and Osowski, K. (2017). Examining the impact of acute stress on executive functions in females. **Vrinda Kalia, Faculty Advisor**. Poster presented at *Undergraduate Research Forum*, held at Miami University, Oxford, OH.
- Osowski, K., Gong, M. and Thomas, R. (2016). Pay attention! Examining the relations between grit, growth mindset, and executive functions. **Vrinda Kalia, Faculty Advisor**. Poster presented at *Undergraduate Research Forum*, held at Miami University, Oxford, OH.
- VonDer Vellen, B., Sarac, S., Buchanan, J., Gong, M. and Summerville, A. (2016). No regrets! Examining the impact of culture on counterfactual thought. **Vrinda Kalia, Faculty Advisor**. Poster presented at *Undergraduate Research Form*, held at Miami University, Oxford, OH.
- Printy, K., Kong, M. and Manning, H. (2016). Reading comprehension and puzzle study. *Melissa Fuesting, Graduate Student Advisor, Vrinda Kalia, Faculty Advisor*. Poster presented at *Undergraduate Research Form*, held at Miami University, Oxford, OH.
- Cody, M., Sarac, S., Gong, M. and Thomas, R. (2016). Gritty or flexible: Which is a better predictor of academic success? **Vrinda Kalia, Faculty Advisor**. *Undergraduate Research Form*, held at Miami University, Oxford, OH.
- VonDer Vellen, B., Sarac, S., Weingarten, A., and Pollard, B. (2015). Changing minds Examining the effects of biculturalism on counterfactual thinking, *Joshua Buchanan, Graduate Student Advisor, Vrinda Kalia, Faculty Advisor*. Poster presented at *Undergraduate Research Forum*, held at Miami University, Oxford, OH.
- DeCastro, S. (2014). Stop! Focus on the here and now: Mindfulness and risky decision making, **Vrinda Kalia, Faculty Advisor**. *Massachusetts Undergraduate Research Conference*, held in UMass, Amherst.
- Donohue, E. and Anderstrom, E. (2013). Effect of Emotion Regulation and Information Modality on Recall, **Vrinda Kalia, Faculty Advisor**. *Celebration of Scholarship and Creativity, Worcester State University*.
- Rowland, D. (2013). Who's to blame? Examining the effects of cognitive reappraisal on decision-making about blame, **Vrinda Kalia, Faculty Advisor**. *Celebration of Scholarship and Creativity, Worcester State University*.
- Rowland, D. (2013). Keeping an Open Mind: Effects of Cognitive Reappraisal on Decision-Making, **Vrinda Kalia, Faculty Advisor**. *Massachusetts Undergraduate Research Conference*, held in UMass, Amherst.

## INVITED TALKS

- *Unpacking the role of environmental influences in cognitive control*. Invited talk presented at the annual meeting of the Midwestern Psychological Association (MPA), Chicago, IL.
- *Backup brain? Exploring the impact of bilingualism on executive functions* (2018). Talk given as part of the What the L? Lecture series at Miami University
- *Evaluations and storytelling* (March, 2015). Talk given for SPRIG, Miami University.
- *Conceptualizing emotions in storytelling* (December, 2014). Talk given for Emotion Research Group (ERG), Miami University.
- *Culture and social context in cognitive development* (October, 2014). Colloquium talk given at Department of Psychology, Miami University.
- *The value of a good story* (March 2014). Invited talk given at Psi Chi Induction Ceremony at the Department of Psychology, Worcester State University
- *How cognitive psychology can inform our teaching* (May, 2013). Invited presentation for the WSU Faculty Summer Institute held by the Center for Teaching and Learning at Worcester State University.



- *How science of learning can inform our teaching* (February, 2013). Co-presented with Emily Soltano as part of the series – The Science of Learning at the Center for Teaching and Learning at Worcester State University.
- *Concept mapping* (November, 2012). Presentation and workshop on concept mapping as part of the series - The Science of Learning at the Center for Teaching and Learning at Worcester State University.
- *Examining the effect of culture and social context on language and cognition* (June, 2012). Developmental Brown Bag Series, Duke University.

## GRANTS AND AWARDS

### Research Related:

2018

- **PI** Using fNIRS to understand brain hemodynamics associated with risky decision making in college students, College of Arts and Sciences (CAS) Summer Funding at Miami University (funded amount = \$5000)
- **PI** Global Travel Fund (GTF; funded amount = \$500)
- **PI** PREP Award (funded amount = \$500)

2017

- **Faculty Sponsor/Advisor** (Juliana Rizzo, PI) Two better than one? Studying the influence of second language learning on executive functions, *Undergraduate Research Award, Miami University* (funded amount = \$500.00)
- **Co-PI** (Aaron Luebbe, PI) Dynamic systems modeling of continuous brain imaging data using novel acquisition via functional near infrared spectroscopy in response to mindfulness, *Center for Analytics and Data Science (CADS) at Miami University* (unfunded)
- **Consultant** (Elizabeth Kiel, PI) Transactional neurobiological influences on parent-child kindergarten adjustment, *National Institute of Child Health and Development R15* (funded)
- **Collaborator** (Joseph Johnson, PI) The impact of early exposure to course-based research communities: Improving academic and social integration among at-risk student populations, *National Science Foundation* (unfunded)

2016

- **Co-I** (Amanda Diekman, PI) Closing gender gaps in STEM pursuits: Communal processes, risk taking, and recovery from setbacks, *National Science Foundation* (unfunded)
- **PI** (Karthik Vishwanath, Co-PI) Examining the neural correlates of executive functioning in decision making about risk in adolescents, *National Institute of Child Health and Development R03*, (unfunded).
- **Faculty Co-Sponsor/Advisor** (with Aaron Luebbe; Bryan VonDerVellen, PI) Stressed out! How stress impacts risky decision making. *Undergraduate Summer Scholars Program, Miami University* (funded amount = \$3600)
- **Faculty Co-Sponsor/Advisor** (with Aaron Luebbe; Kira Osowski, PI) Mindfully reducing stress: Examining the neural correlates of mindfulness using fNIRS. *Undergraduate Summer Scholars Program, Miami University* (funded amount = \$3600)
- **PI** Global Travel Fund (GTF; funded = \$500)

2015

- **Co-PI** (Karthik Vishwanath, Aaron Luebbe, Elizabeth Kiel, and Robin Thomas, Functional Near Infra-Red Spectroscopy for Brain Imaging: An Interdisciplinary Proposal, *project development grant funded by College of Arts*

and Sciences and Office for the Advancement of Research and Scholarship, Miami University (funded amount = \$50,000)

- **Faculty Sponsor/Advisor** (Morgan Cody, PI) Gritty or flexible? Which is more important for academic achievement? *Undergraduate Research Award, Miami University* (funded amount = \$400.00)
- **Faculty Co-Sponsor/Advisor** (with Robin Thomas; Morgan Cody, PI) Digging in: How individuals succeed when things are tough. *Undergraduate Summer Scholars Program, Miami University* (funded amount = \$3600)
- **PI**, (Makeba P. Wilbourn, Co-PI) Oral Language and Literacy Development in Dual Language Learners: Exploring the Role of the Home Literacy Environment, *Spencer Foundation Small Grants Program* (unfunded)
- **Collaborator** (Makeba P. Wilbourn, PI) Gesture and Learning: Implications for Language Development Across Race and Socioeconomic Status, *NSF Early Career Award* (funded amount = \$749,936)

2014

- **Co-PI**, (Makeba P. Wilbourn, PI) Impact of Multimodal Input on Preschoolers' Word Learning from a Picture Book, *Spencer Foundation Small Grants Program* (unfunded)

2013

- **Co-PI**, (Makeba P. Wilbourn, PI) Language and Literacy Development in Dual-Language Learners: Examining Relations Between Oral Language, Executive Function, and Literacy Development, *International Reading Association Elva Knight Research Grant* (funded amount = \$8,000)
- **PI**, Oral Language, Narrative, and Executive Functioning in Dual Language Learners, *Summer Research Grant* from The Center of Teaching and Learning, Worcester State University (funded amount = \$6,000)
- **PI**, Examining the Role of Emotion Regulation in Memory and Decision Making, *Faculty Mini-Grant*, Worcester State University (funded amount = \$3,460)

2011

- **Collaborator** (Makeba Wilbourn, PI) Exploring Executive Functioning and Working Memory in Emerging Bilinguals, *Language Learning Small Grant* (funded amount = \$10,000)

2007

- **PI**, English Oral Language, and Literacy Development in Indian Bilingual Pre-school Children: Exploring the role of home literacy environment *Language Learning Dissertation Award* (funded amount = \$1,500)

#### **Pedagogy Related:**

- **Co-PI** (Brooke Spangler, PI) Faculty Writing Fellows Program (2018) from the Howe Writing Center at Miami University (funded amount = \$2000)
- *Faculty Commendation Letter* (2016, 2017, 2018) from Center for Teaching Excellence at Miami University
- **PI**, Examining the Effect of Skill Development on Students' Learning Outcomes, *Faculty Mini-Grant*, Worcester State University (funded amount = \$2,500)
- **Co-PI**, Exploring critical thinking best practices at Worcester State University, *Faculty Learning Community Grant* from the Center of Teaching and Learning at WSU (funded amount = \$1,000)
- *Adjunct Excellence in Teaching Award* (2009) by the Humanities and Social Sciences Discipline of the Arts, Sciences and University Transfer Department at Durham Technical Community College

#### **COURSES TAUGHT**

**At Miami University (2014-Present)**

- **Graduate Course**
  - 620 – Cultural Neuroscience
- **Developmental Courses**
  - 430 – Developmental Seminar
  - 410 – Developmental Capstone
  - 333 – Adolescent Development
  - 321 – Infant Development
- **Foundational and Miami Plan Courses**
  - 111 – Introduction to Psychology
  - 112 – Foundational Experiences in Psychology
- **Global Miami Plan Course**
  - 210 - Psychology Across Cultures

**At Other Institutions (2008-2014)**

- **Developmental Courses**
  - 312 - Psychology of Adolescence (WSU)
  - 320 - Development of Thinking and Knowing (WSU)
  - 295 - Development of Social Cognition (WSU)
  - 240 - Lifespan Development (DTCC, Elon)
- **Foundational Courses**
  - 307 - Applied Research Methods (WSU)
  - 111 – Introduction to Psychology (DTCC, Elon, WSU)
- **Other Courses**
  - 321 - Educational Psychology (Elon)
  - 366 - Psychology in the Cultural Context (Elon)
  - 325 - Psychology of Learning (WSU)
  - 272 - Psychology of Film (Elon)

**UNDERGRADUATE MENTORSHIP: HONORS**

Role	AY	Student Name	Thesis Title
Primary Faculty Advisor	2017-2018	Jose Jacobo	Impact of acute stress on decision making
	2016-2017	Kira Osowski	Silence is golden? Examining the impact of silence versus brief mindfulness on risky decision making
		Bryan VonDer Vellen	Examining the impact of acute stress on executive functions in females
	2015-2016	Morgan Cody	Grit or flexibility? Examining the role of each in problem solving
Committee Member	2018-2019	Jenny Kling	The influence of parental vocalization on fearful temperament and self-conscious shyness
Primary Faculty Advisor (WSU)	2013-2014	Sandy De Castro	Effect of mindfulness on risky decision making
	2012-2013	Erin Donohue	Effect of active emotion suppression on the recall of negative events
Committee Member (Duke University)	2014-2015	Erica Fegueroa	Exploring the meaning of racial identity through personal narratives
	2013-2014	Miray Seward	Examining cultural differences in communication styles
	2012-2013	Ryan Johnson	Parents labeling emotions with pre-verbal infants in a picture book task
	2011-2012	Jenny Wang	Emerging bilinguals and executive function

**GRADUATE STUDENT COMMITTEES**

<u>Committee Member</u>	<u>Completed</u>	<u>Current</u>
Dissertation Committee	3	
Comprehensive Exam	9	1
Master's Thesis	3	1
<b><u>Chair of Committee</u></b>		
Dissertation Committee		
Comprehensive Exam	1*	
Master's Thesis	1	

\* 1 student withdrew from the program

**COMMUNITY SERVICE**

MIAMI UNIVERSITY

University Wide

2019

- Participated in CIQS (Careers in Quantitative Skills) Day

Departmental

2018

- Member of search committee to hire 2 faculty in the Social Area

2017 – Present

- Member of Resource Committee

2016 – Present

- Member of fNIRS Committee
  - Responsible for managing and maintaining the shared fNIRS space
  - Responsible for training undergraduate and graduate students interested in learning fNIRS

2015 – Present

- Member of the Departmental Review Board (DRB)

2015; 2018

- Organized graduate student visit day for the BCD program

WORCESTER STATE UNIVERSITY

University Wide

2012 – 2014

- Academic Policies Committee (Member)
- Advisory Board for the Center for Teaching and Learning (Member)

Departmental

2013 – 2014

- Member of search committee to hire cognitive developmental faculty member

2011 – 2014

- Faculty advisor: Psych Club
- Assessment committee (Co-Chair)
- Curriculum committee (Member)

2012 – 2014

- Honors committee (Member)
- Research methods committee
- Career services committee

## OTHER

- **Conference Abstract Reviewer**
  - *International Literacy Association Conference – 2016; 2017*
  - *Midwestern Psychological Association 2017; 2018*
- **Grant Reviewer**
  - *International Literacy Association – 2012; 2013; 2014*
- **Ad-Hoc Reviewer**
  - *Bilingualism: Language and Cognition,*
  - *British Journal of Developmental Psychology,*
  - *Family Processes,*
  - *Frontiers in Psychology - Cognition, Frontiers in Psychology – Human Neuroscience, Frontiers in Psychology – Developmental Psychology,*
  - *Journal of Child Experimental Psychology,*
  - *Early Childhood Research Quarterly,*
  - *TESOL Quarterly*
  - *Psychoneuroendocrinology*
  - *Culture & Psychology,*
  - *Journal of Genetic Psychology: Developmental and Educational Psychology,*
  - *Journal of Social, Evolutionary, and Cultural Psychology,*
  - *International Psychology Bulletin,*
  - *Revista Actualidades en Psicología,*
  - *Reading Research Quarterly*

## MEMBERSHIPS

- Society for Research in Child Development
- Association for Psychological Science
- Midwestern Psychological Association
- Society for Functional Near Infrared Spectroscopy