

# JACEK KOLACZ

jkolacz@iu.edu

Traumatic Stress Research Consortium, Socioneural Physiology Lab  
Kinsey Institute, Indiana University

## EMPLOYMENT

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<b>Assistant Research Scientist</b> Traumatic Stress Research Consortium (TSRC) at the Kinsey Institute Socioneural Physiology Lab Indiana University	2019 - Present
<b>Postdoctoral Research Fellow</b> Traumatic Stress Research Consortium (TSRC) at the Kinsey Institute Indiana University	2017 - 2019
<b>Visiting Research Associate</b> The Brain-Body Center for Psychophysiology and Bioengineering University of North Carolina at Chapel Hill	2016
<b>Visiting Coordinator of Clinical and Research Programs</b> Institute for Juvenile Research University of Illinois at Chicago	2009 - 2010

## EDUCATION

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<b>University of North Carolina at Chapel Hill</b> Ph.D. in Developmental Psychology, Quantitative Concentration Department of Psychology and Neuroscience	2010 - 2016
<b>DePaul University, Chicago</b> B.A. in Psychology, Human Development Concentration	2006 - 2009

## FUNDING

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<b>COVID-19 Stress and Mental Health Recovery Initiative</b> Dillon Fund and the United States Association for Body Psychotherapy (USABP) Role: Principal Investigator Total Award: \$290,000	2020
<b>Seed Funding for COVID-19 Stress and Mental Health: A Longitudinal Study</b> Office of the Vice Provost for Research, Indiana University, Bloomington Role: Principal Investigator Total Award: \$20,000	2020
<b>Optimizing vagal efficiency to improve gastrointestinal function in postural orthostatic tachycardia syndrome (POTS): Effects of auricular neurostimulation</b> Dysautonomia International Foundation Role: Co-Investigator Principal Investigator: Katja Kovacic Total Award: \$125,353	2020 - 2022
<b>Reducing symptoms in hypermobile Ehlers-Danlos Syndrome: The effectiveness of noninvasive acoustic vagal nerve stimulation</b> Fitzgerald Family Donor Fund	2019 - 2020

Role: Site Principal Investigator  
Total Award: \$67,375, IU Total Costs: \$36,300

**Evaluating maternal vocal acoustic features as a biomarker of stress during mother-infant interactions (R03 HD095818)** 2018 - 2019

National Institute of Child Health and Human Development (NICHD)

Role: Consultant

Principal Investigator: Edward Tronick

Total Award: \$152,500, IU Invoice: \$19,000

**Psychometric evaluation of the BBC Sensory Scales for the assessment of sensory-perceptual abnormalities in individuals with Fragile X Syndrome** 2015 - 2016

North Carolina Translational and Clinical Sciences Institute

Role: Co-Investigator

Principal Investigator: Stephen Porges

Total Award: \$50,000

**PEER-REVIEWED PUBLICATIONS**

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[\* = Equal contribution]

1. **Kolacz, J.**, Dale, L. F., Nix, E. J., Roath, O. K., Lewis, G. F., & Porges, S. W. (2020). Adversity history predicts self-reported autonomic reactivity and psychological wellbeing during the COVID-19 pandemic. *Frontiers in Psychiatry*, 10.3389/fpsyt.2020.577728.
2. Kovacic, K.\*, **Kolacz, J.\***, Lewis, G. F., & Porges, S. W. (2020). Impaired vagal efficiency predicts auricular neurostimulation response in adolescent functional abdominal pain disorders. *American Journal of Gastroenterology*, 115(9), 1534-1538.
3. Holochwost, S. J., **Kolacz, J.**, & Mills-Koonce W. R. (2020). Towards an understanding of self-regulation in early childhood: The need for a new approach. *Developmental Psychobiology*, Online First View. doi: 10.1002/dev.22044
4. Welch, M., Barone, J., Porges, S. W., Hane, A., Kwon, K., Ludwig, R., Stark, R., Surman, A., **Kolacz, J.**, & Myers, M. (2020). Family Nurture Intervention in the NICU increases autonomic regulation in mothers and children at 4-5 years of age. *PLOS One*, 15(8), e0236930. doi: 10.1371/journal.pone.0236930
5. Holochwost, S. J., Wang, G., **Kolacz, J.**, Mills-Koonce, W. R., Klika, J. B., & Jaffee, S. R. (2020). The neurobiological embedding of child maltreatment. *Development and Psychopathology*, Online First View. doi: 10.1017/S0954579420000383
6. **Kolacz, J.**, Hu, Y., Gesselman, A. N., Garcia, J. R., Lewis, G. F., & Porges, S. W. (2020). Sexual function in adults with a history of childhood maltreatment: Mediating effects of self-reported autonomic reactivity. *Psychological Trauma: Theory, Research, Practice, and Policy*, 12(3), 281-290. doi: 10.1037/tra0000498
7. **Kolacz, J.**, Kovacic, K., & Porges, S. W. (2019). Traumatic stress and the autonomic brain-gut connection in development: Polyvagal Theory as an integrative framework for psychosocial and gastrointestinal pathology. *Developmental Psychobiology*, 61(5), 796-809. doi: 10.1002/dev.21852
8. Kaidbey, J., Ranger, M., Myers, M., Anwar, M., Ludwig, R., Schultz, A., Barone, J., **Kolacz, J.**, & Welch, M. (2019). Early life maternal separation and maternal behavior modulate acoustic characteristics of rat pup ultrasonic vocalizations. *Scientific Reports*, 9(1), 1-10. doi: <https://doi.org/10.1038/s41598-019-54800-z>
9. Porges, S. W., Davila, M. I., Lewis, G. F., **Kolacz, J.**, Okonmah-Obazee, S., Hane, A. A., Kwon, K. Y., Ludwig, R. J., Myers, M. M., & Welch, M. G. (2019). Autonomic regulation of preterm infants is enhanced by Family Nurture Intervention. *Developmental Psychobiology*, 61(6), 942-952. doi: 10.1002/dev.21841
10. **Kolacz, J.** & Porges, S. W. (2018). Chronic diffuse pain and functional gastrointestinal disorders after traumatic stress: Pathophysiology through a polyvagal perspective. *Frontiers in Medicine*, 5, 145. doi: 10.3389/fmed.2018.00145

11. Cabrera, A.\*, **Kolacz, J.\***, Pailhez, G., Bulbena-Cabre, A., Bulbena, A., & Porges, S. W. (2018). Assessing body awareness and autonomic reactivity: Factor structure and psychometric properties of the Body Perception Questionnaire-Short Form (BPQ-SF). *International Journal of Methods in Psychiatric Research*, *27*(3), e1596. doi: 10.1002/mpr.1596
12. Raspa, M., Wylie, A., Wheeler, A. C., **Kolacz, J.** Edwards, A., Heilman, K. J., & Porges, S. W. (2018). Sensory difficulties in children with an FMR1 premutation. *Frontiers in Genetics*, *9*, 351. doi: 10.3389/fgene.2018.00351
13. **Kolacz, J.**, Raspa, M., Heilman, K. J., & Porges, S. W. (2018). Evaluating sensory processing in fragile X syndrome: Psychometric analysis of the Brain Body Center Sensory Scales (BBCSS). *Journal of Autism and Developmental Disorders*, *48*(6), 2187-2202. doi: 10.1007/s10803-018-3491-3
14. Hauffer, A. J., Lewis, G. F., Davila, M. I., Westhelle, F., Gavrilis, J., Bryce, C. I., **Kolacz, J.**, Granger, D. A., & McDaniel, W. (2018). Biobehavioral insights into adaptive behavior in complex and dynamic operational settings: Lessons learned from the Soldier Performance and Effective, Adaptable Response (SPEAR) task. *Frontiers in Medicine*, *4*, 217. doi: 10.3389/fmed.2017.00217
15. Gangel, M. J., Shanahan, L., **Kolacz, J.**, Brown, A., Oberlin, D., Calkins, S. D., Keane, S., & Wideman, L. (2017). Vagal regulation of cardiac function in early childhood and cardiovascular risk in adolescence. *Psychosomatic Medicine*, *79*(6), 614-621. doi: 10.1097/PSY.0000000000000458
16. Holochwost, S. J., Gariépy, J.-L., Mills-Koonce, W. R., Propper, C. B., **Kolacz, J.**, & Granger, D. A. (2017). Individual differences in the activity of the hypothalamic pituitary adrenal axis: Relations to age and cumulative risk in early childhood. *Psychoneuroendocrinology*, *81*, 36-45. doi: 10.1016/j.psyneuen.2017.03.023
17. Janssen, J. A., **Kolacz, J.**, Shanahan, L., Gangel, M. J., Calkins, S. D., Keane, S., & Wideman, L. (2017). Childhood temperament predictors of adolescent physical activity. *BMC Public Health*, *17*(1), 8. doi: 10.1186/s12889-016-3998-5
18. Holochwost, S. J., Propper, C. B., Wolf, D. P., Willoughby, M. T., Fisher, K. R., **Kolacz, J.**, Volpe, V. V., & Jaffee, S. R. (2017). Music education, academic achievement, and executive functions. *Psychology of Aesthetics, Creativity, and the Arts*, *11*(2), 147-166. doi: 10.1037/aca0000112
19. **Kolacz, J.**, Holochwost, S. J., Gariépy, J.-L., & Mills-Koonce, W. R. (2016). Patterns of joint parasympathetic, sympathetic, and adrenocortical activity and their associations with temperament in early childhood. *Developmental Psychobiology*, *58*(8), 990-1001. doi: 10.1002/dev.21429

## BOOK CHAPTERS

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1. Kovacic, K., **Kolacz, J.**, & Porges, S. W. (2020). The Polyvagal Theory and Ehlers-Danlos Syndrome (French Language). In Daens, S. (Ed.) *Taming Ehlers-Danlos Syndrome: A global vision of the disease*.
2. **Kolacz, J.**, Lewis, G. F., & Porges, S. W. (2018). The integration of vocal communication and biobehavioral state regulation in mammals: A polyvagal hypothesis. In S. M. Brudzynski (Ed.) *Handbook of Ultrasonic Vocalization (pp. 23-34)*. Amsterdam: Academic Press.
3. Porges, S. W. & **Kolacz, J.** (2018). Neurocardiology through the lens of the Polyvagal Theory. [Spanish language] In R. J. Gelpi & B. Buchholz (Eds.) *Neurocardiology: Pathophysiological Aspects and Clinical Implications*. Barcelona: Elsevier España S.L.

## MANUSCRIPTS UNDER REVIEW

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1. **Kolacz, J.\***, daSilva, E. B.\*, Lewis, G. F., Bertenthal, B. I. & Porges, S. W. Associations between acoustic features of maternal speech and infants' emotional regulation following a social stressor.
2. **Kolacz, J.\***, Kovacic, K.\*, Lewis, G. F., Sood, M., Aziz, Q., Roath, O. R., & Porges, S. W. Cardiac autonomic regulation and joint hypermobility in adolescents with functional abdominal pain disorders.
3. **Kolacz, J.**, Heinrich, S., Ackerman, M., Nix, E., Heilman, K. J., & Kyuchukov, H. Effects of the Safe and Sound Protocol (SSP) on sensory processing, digestive function, and selective eating in children and adults with Autism: A prospective single-arm study.
4. Khodadadi, F., Lewis, G. F., Punait, S., **Kolacz, J.**, Zand, F., Khaloo, V. Foroutan, H. R., & Foroutan, A. Use of heart rate variability to predict hospital length of stay for COVID-19 patients.

5. Cerritelli, F., Consorti, G., D'Alessandro, G., Galli, M., **Kolacz, J.**, & Porges, S. W. Cross-cultural adaptation and validity of the Italian version of the Body Perception Questionnaire
6. Roath, O. K., **Kolacz, J.**, Wilson, M. C., Garcia, J. R., Gesselman, A. N., Spencer, J., Lewis, G. F., & Porges, S. W. Women's vaginal lubrication and self-reported autonomic function: Comparative findings from psychotherapy clients and a general U.S. population sample.
7. Peterson, Z. D., Chen, X., Nix, E. J., & **Kolacz, J.** Rates of intimate partner violence during the COVID-19 pandemic in a representative U.S. sample.

## AWARDS AND HONORS

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Neurogastroenterology and Motility Prize, \$500 (Shared with Katja Kovacic) North American Society of Pediatric Gastroenterology, Hepatology, and Nutrition (NASPGHAN)	2019
Postdoctoral Travel Award International Society for Developmental Psychobiology	2018
Postdoctoral Travel Award International Society for Developmental Psychobiology	2017
Graduate Student Travel Award Graduate and Professional Student Federation, UNC-Chapel Hill	2015
Summa cum laude graduation distinction DePaul University	2009

## ORAL CONFERENCE PRESENTATIONS

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1. **Kolacz, J.** (2020, October). *Associations between acoustic features of maternal speech and infants' emotion regulation following a social stressor.* International Society for Developmental Psychobiology Virtual Meeting.
2. **Kolacz, J.** (2019, March). *Loss of purpose in life: A consequence of autonomic nervous system retuning following trauma?* World Congress on Complex Trauma, New York, NY.
3. **Kolacz, J.** (2019, March). *Sexual function in adults with childhood trauma history: Disruption of the autonomic nervous system.* World Congress on Complex Trauma, New York, NY.
4. **Kolacz, J.** (2018, May). *Autonomic function and male sexual problems after trauma.* Presentation at the 29th Annual International Trauma Conference Preconference Workshop: Frontiers of Applied Neuroscience of Trauma, Boston, MA.

## INVITED ORAL PRESENTATIONS

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1. **Kolacz, J.** (2020, July). *Associations between acoustic features of maternal speech and infants' emotional regulation following a social stressor.* Presentation for the Neural Synchrony Working Group, Indiana University, Bloomington IN.
2. **Kolacz, J.** (2020, January). *The Safe and Sound Protocol (SSP): Theory and Clinical Evidence.* Presentation at the Stanford Center on Stress and Health, Stanford University, Palo Alto CA.
3. **Kolacz, J.** (2018, December). *Mother's voice: An evolutionary neurophysiological model of acoustic features that affect calming and distress in infants.* Presentation for the Nurture Science Program at the Columbia University School of Medicine, New York, NY.
4. **Kolacz, J.** (2018, October). *Sexual and autonomic function in adults with a history of childhood maltreatment.* Presentation at the Clinical Psychology Colloquium, Bloomington IN.
5. **Kolacz, J.** (2017, November). *Babies, moms, and dance clubs: What they tell us about the evolution of brain-body threat responses.* Presentation for the Indiana University Psychology Club, Bloomington IN.

6. **Kolacz, J.** (2017, March). *Informing psychophysiological measurement with anatomy and evolution: Examples from the heart and voice.* Presentation for the Indiana University Institute for Communication Research, Bloomington IN.
7. **Kolacz, J.** (2017, January). *The body and brain on music: Acoustic regulation of our social nervous system.* Presentation for the Indiana University Music and Mind Research Group, Bloomington IN.
8. **Kolacz, J.** (2015, October). *Transformations and modeling approaches for non-normal data.* Presentation for RIGHT Track Project Staff, UNC-Greensboro, Greensboro NC.

## OTHER ORAL PRESENTATIONS

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1. **Kolacz, J.** (2017, December). *Expanding the study of trauma and psychophysiology to a sex therapy setting.* Presentation at the Kinsey Institute Brown Bag Luncheon, Bloomington IN.
2. **Kolacz, J.** (2017, September). *Childhood trauma: Effects on the brain-body connection and its role in physical intimacy.* Presentation at the Kinsey Institute 70th Anniversary Research Symposium, Bloomington IN.
3. **Kolacz, J.** (2017, March). *Vocal communication and biobehavioral states are neurally intertwined: Insights from infants and their caregivers.* Presentation at the Indiana University Developmental Seminar, Bloomington IN.
4. **Kolacz, J.** (2016, April). *Using infant cry acoustic features as a window into the developing neural social engagement system.* Presentation at the UNC Dept. of Psychology and Neuroscience Developmental Lunch, Chapel Hill NC.

## CHAired SYMPOSIA

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1. **Kolacz, J.** (Chair). *Infants and their caregivers in concert: Developmental perspectives on interpersonal neurophysiology and behavior.* Symposium presented at the Biennial Meeting of the Society for Research in Child Development, Baltimore, MD. March, 2019.

## CONFERENCE POSTER PRESENTATIONS

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1. **Kolacz, J.,** Kovacic, K., Lewis, G. F., & Porges, S. W. (2019, October). *Cardiac autonomic regulation and joint hypermobility in adolescents with functional abdominal pain disorders.* Poster presented at the Annual Meeting of the North American Society of Pediatric Gastroenterology, Hepatology, and Nutrition (NASPGHAN), Chicago, IL.
2. **Kolacz, J.,** daSilva, E. B., Lewis, G. F., Bertenthal, B. I., & Porges, S. W. (2019, May). *Using acoustic features of mothers' infant-directed speech to predict changes in infant biobehavioral state.* Poster presented at the The 177th Meeting of the Acoustical Society of America, Louisville, KY.
3. **Kolacz, J.,** Hu, Y., Gesselman, A. N., Garcia, J. R., Lewis, G. F., & Porges, S. W. (2018, November). *Sexual function in adults with a history of childhood maltreatment: Testing autonomic reactivity as a mediator.* Poster presented at the Society for the Scientific Study of Sexuality Annual Meeting, Montreal, Canada.
4. **Kolacz, J.,** daSilva, E. B., Lewis, G. F., Bertenthal, B. I., & Porges, S. W. (2018, October). *Vocal prosody in caregiver-infant physiological and emotional interaction dynamics: Application of a new measure.* Poster presented at the 51st Annual International Society for Developmental Psychobiology Meeting, San Diego, CA.
5. **Kolacz, J.,** Lewis, G. F., Gariépy, J.-L., & Porges, S. W. (2017, November). *Infant cry acoustic features: An early index of the neural mechanisms mediating social development and language acquisition?* Poster presented at the 50th Annual International Society for Developmental Psychobiology Meeting, Washington DC.
6. **Kolacz, J.** & Porges, S. W. (2017, October). *An evolutionary neurophysiological model of chronic pain and functional gastrointestinal disorders: Evidence for trauma-induced pathophysiology and opportunities for novel treatment approaches.* Poster presented at the Indiana University School of Medicine Postdoc Symposium, Indianapolis, IN.
7. **Kolacz, J.,** Gariépy, J.-L., Lewis, G. F., Heilman, K. J., & Porges, S. W. (2017, April). *Persistent infant crying and socio-emotional outcomes in toddlerhood: Examining mediation by parenting stress and cardiac vagal tone.* Poster presented at the Biennial Meeting of the Society for Research in Child Development, Austin, TX.

8. **Kolacz, J.**, Shanahan, L., Gangel, M. J., Janssen, J. A., Volpe, V. V., Calkins, S. D., Keane, S. P., Lovelady, C., & Wideman, L. (2016, March). *The mediating role of health behaviors in the link between childhood negative emotionality and adolescent cardiovascular risk*. Poster presented at the Biennial Annual Meeting of the Society for Research on Adolescence, Baltimore, MD.
9. **Kolacz, J.**, Holochwost, S. J., Nehler, C. G., Gariépy, J.-L., & Hill-Soderlund, A. L. (2015, March). *Biological underpinnings of temperament in early childhood: The role of joint activity of physiological systems*. Poster presented at the 2015 Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.
10. **Kolacz, J.**, Nehler, C. G., Gariépy, J.-L., Volpe, V. V., & Hill-Soderlund, A. L. (2015, March). *HPA axis-Sympathetic Nervous System asymmetry: Associations with negative emotions in early childhood*. Poster presented at the 2015 Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.
11. **Kolacz, J.**, Garrett-Peters, P. T., Gariépy, J.-L., Mills-Koonce, W. R., Willoughby, M., & the Family Life Project Key Investigators. (2013, April). *Is it empathy?: Concerned arousal and impulsivity as two distinct predictors of helping behavior in early childhood*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, WA.

## PROFESSIONAL SERVICE

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Advisory Board Member, Ibis Reproductive Health	2021-Present
Presenter, “Adverse Childhood Experiences Workshop” United Way, Bloomington, IN	2020
Presenter, “Physical and Socioemotional Features of Chronic Brain-Body Stress Reactions” Spencer Psychology Mental Health Clinic, Bloomington, IN	2019
Presenter, “Clinical features of the autonomic nervous system after traumatic stress” Mandala House Mental Health Clinic, Louisville, KY	2019
Panelist, “Unteachable and Difficult: Understanding Childhood Trauma” United Way and Indiana University Political and Civic Engagement (PACE) Program	2019
Poster session judge International Society for Developmental Psychobiology Annual Meeting	2018
Roundtable discussant, Community Health Network psychiatry resident visit Kinsey Institute	2018
Co-organizer, Postdoctoral Association Committee Indiana University Department of Psychological and Brain Sciences	2017 - 2018
Poster session judge International Society for Developmental Psychobiology Annual Meeting	2017
Organizer, Postdoc Summer Writing Group Indiana University Department of Psychological and Brain Sciences	2017
Visit organizer and host, IU Groups Scholars Program for first-generation STEM students Kinsey Institute	2017

Graduate Senate Representative, Department of Psychology and Neuroscience 2013 - 2016  
UNC-Chapel Hill Graduate and Professional Student Federation

Co-organizer, Developmental Lunch Speaker Series 2012 - 2013  
UNC-Chapel Hill Department of Psychology and Neuroscience

Ad hoc reviewer for:

*Autonomic Neuroscience*  
*Biological Psychology*  
*Brain and Behavior*  
*Child Development*  
*Child Development Perspectives*  
*Developmental Psychobiology*  
*Journal of Ethology*  
*Psychophysiology*  
*Scientific Reports*

## TEACHING

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### As Instructor

Child Development, UNC-Chapel Hill	Fall 2013
Child Development, UNC-Chapel Hill	Summer 2013
Child Development, UNC-Chapel Hill	Summer 2012
Child Development, UNC-Chapel Hill	Spring 2012

### As Teaching Assistant

Biopsychology, UNC-Chapel Hill	Spring 2014
General Psychology, UNC-Chapel Hill	Spring 2013
Child Development, UNC-Chapel Hill	Fall 2012
General Psychology, UNC-Chapel Hill	Fall 2011

### Guest Lectures

“Trauma, the Autonomic Nervous System, and Sexual Function” K690: Sexual Science Research Methods, IU Bloomington	Spring 2020
“Designing Questionnaires for Psychophysiology” ENGR-E 399/599: Psychophysiological Engineering (graduate course), IU Bloomington	Fall 2018
“The autonomic nervous system in development: Focus on brain-gut communication” NEUS-N N501 Neural Science II (graduate course), IU Bloomington	Spring 2018

## MENTORSHIP

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Supervisor for graduate, undergraduate, or post-baccalaureate research assistants:

Linh Dang	2020 - Present
Deepthi Raghu	2020 - Present
Juliet Dahlgren	2019 - Present
Evan Nix	2019 - Present
Samantha Amidon	2019 - Present
Josh Sites	2019
Yu Hu	2018 - 2019
Olivia Roath	2018 - Present

Emma Cannon	2017 - Present
Zoher Kachwala	2018 - 2019
Harika Putti	2018
Manasi Arya	2017
Esther Yoon	2016
Dana Corbett	2015 - 2016
Kathryn Linthicum	2015 - 2016
Albert Osbhar	2011 - 2012
Kristen Cubero	2011 - 2012
Kruti Patel	2011 - 2012
Joseph Tedrow	2011 - 2012

## MENTEE POSTER PRESENTATIONS

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1. Nix, E. J.\*, Kolacz, J., Bjorum, E., & Porges, S. W. (2020, April). *Childhood Trauma Trends in Trauma Professionals*. Poster presented at the Hutton Honors College Research Symposium Webinar, Bloomington IN.
2. Roath, O. K.\*, Kolacz, J., Hu, Y., Spencer, J., Gesselman, A. N., Garcia, J. R., Lewis, G. F., & Porges, S. W. (2019, November). *Women's vaginal lubrication difficulties and self-reported autonomic function: A comparison between clinical and non-clinical samples*. Poster presented at the Indiana University Undergraduate Research Conference, Bloomington IN.
3. Dahlgren, J. A.\*, Kolacz, J., Spencer, J., Lewis, G. F., & Porges, S. W. (2019, November). *Romantic and interpersonal relationship difficulties among psychotherapy clients: Associations with self-reported autonomic reactivity*. Poster presented at the Indiana University Undergraduate Research Conference, Bloomington IN.
4. Roath, O. K.\*, Kolacz, J., Hu, Y., Spencer, J., Gesselman, A. N., Garcia, J. R., Lewis, G. F., & Porges, S. W. (2019, April). *Vaginal lubrication difficulties among women in psychotherapy: Relations with self-reported autonomic function and comparison with a non-clinical sample*. Poster presented at the Society for the Scientific Study of Sexuality Spring Symposium, Bloomington IN.
5. Cannon\*, E., Lewis, G. F., & Kolacz, J. (2018, April). *Learning Cardio Edit: Manual inspection of cardiac data*. Poster presented at the Indiana University School of Informatics, Computing, and Engineering (SICE) Projects and Research Symposium, Bloomington, IN.  
Award: 2nd place, undergraduate poster competition
6. Yoon\*, Y., daSilva, E. B., Kolacz, J., & Bertenthal, B. I. (2016, December). *The effect of maternal vocal contingency and mimicry on infant physiological regulation*. Poster presented at the Developmental Cognitive Neuroscience Lab research poster session, Bloomington IN.
7. Lithicum\*, K., Kolacz, J., Shanahan, L., & Wideman, L. (2016, April). *The joint roles of depressive symptoms and headaches in predicting cardiovascular risk during adolescence*. Poster presented at the UNC-CH Academic Research Conference, Chapel Hill, NC.
8. Corbett\*, D., Kolacz, J., Shanahan, L., Calkins, S. D., Keane, S. P., & Wideman, L. (2016, April). *The protective effect of physical activity on the associations between anxiety in late childhood and somatic symptoms during adolescence*. Poster presented at the UNC-CH Academic Research Conference, Chapel Hill, NC.

## MEDIA AND PRESS

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CNN  
 BBC Radio 3  
 Indiana Public Radio  
 Spectrum Autism Research News  
 Indianapolis Star  
 The Herald Bulletin  
 The Bloomington Herald Times

## PROFESSIONAL AFFILIATIONS

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American Psychological Association  
International Society for Developmental Psychobiology  
Society for Research in Child Development  
Society for the Scientific Study of Sexuality