

AMANDA M. DETTMER, Ph.D.

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Yale Child Study Center
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ACADEMIC POSITIONS

July 2022 – Present **YALE CHILD STUDY CENTER**, Yale School of Medicine, New Haven, CT
Research Scientist
Sep 2018 – June 2022 **YALE CHILD STUDY CENTER**, Yale School of Medicine, New Haven, CT
Associate Research Scientist
May 2021 – Present **UNIVERSITY OF WISCONSIN-MADISON**, Department of Psychology, Madison, WI
Honorary Fellow

EDUCATION

2009 Ph.D., University of Massachusetts Amherst, Behavioral Neuroscience
2007 M.S., University of Massachusetts Amherst, Behavioral Neuroscience
2001 B.S., University of Washington, Zoology

RELEVANT EXPERIENCE

Sept 17 – Aug 18 **AMERICAN PSYCHOLOGICAL ASSOCIATION EXECUTIVE BRANCH SCIENCE FELLOWSHIP**, Washington, DC
Partnering with the AAAS Science & Technology Policy Fellowship
Placed at the Institute of Education Sciences, U.S. Department of Education
Sept 12 – Aug 17 **NATIONAL INSTITUTES OF HEALTH**, Bethesda, MD
Eunice Kennedy Shriver National Institute of Child Health & Human Development
Laboratory of Comparative Ethology, Dr. Steve Suomi, PI
Postdoctoral Intramural Research Training Award (IRTA)
Sept 09 – Aug 12 **UNIVERSITY OF PITTSBURGH**, Pittsburgh, PA
NIH Postdoctoral Scholar in the Neurobiology of Neurodegenerative Disease
Laboratory of Dr. Judy Cameron, PI
School of Medicine, Department of Psychiatry
Sept 07 – Jun 09 **NATIONAL INSTITUTES OF HEALTH**, Bethesda, MD
Eunice Kennedy Shriver National Institute of Child Health & Human Development
Laboratory of Comparative Ethology, Dr. Steve Suomi, PI
Predoctoral Intramural Research Training Award (IRTA)
Sept 04 – May 07 **UNIVERSITY OF MASSACHUSETTS**, Amherst, MA
NIH Predoctoral Trainee in Neuroscience and Behavior, Graduate Student Researcher

HONORS & AWARDS

2024 AGS/NIA R13 Resilience Conference Travel Award
2023 Yale Child Study Center Junior Faculty Development Award, \$5,000 Professional Development Award
2023 Yale Child Study Center Research Mentor Award

2021 Yale Child Study Center Junior Faculty Development Award, \$13,375 Pilot Research Grant
 2020 Yale Child Study Center Junior Faculty Development Award, \$4,971 Professional Development Award
 2019 Yale Child Study Center Junior Faculty Development Award, \$14,820 Pilot Research Grant
 2017 American Psychological Association Executive Branch Science Fellowship/AAAS Science & Technology Policy Fellowship, Institute of Education Sciences, U.S. Department of Education
 2016 Finalist, NICHD Fellows Mentor of the Year Award
 2016 Society for Neuroscience Early Career Policy Ambassador
 2016 International Society for Developmental Psychobiology (ISDP) Travel Award, \$550
 2016 Society for Neuroscience FENS Travel Award, \$2000
 2015 Finalist, NICHD Three Minute Talk (TmT) Competition, \$500
 2015 NICHD Fellows Intramural Grants Supplement Award, \$250
 2015 International Society for Developmental Psychobiology (ISDP) Travel Award, \$1500
 2015 Travel Fellowship, National Science Foundation Symposium, "The Neurodevelopment of Stress Regulation, Social Buffering and Fear Learning: Integration and Crosstalk"
 2015 NICHD Fellows Intramural Grants Supplement Award, \$250
 2014 International Society for Developmental Psychobiology (ISDP) Travel Award, \$400
 2013 NICHD Fellows Intramural Grants Supplement Award, \$250
 2011 University of Pittsburgh Postdoctoral Association (UPPDA) Travel Award for Best Poster Presentation at the 6th Annual Data & Dine Symposium, \$500
 2010 National Postdoctoral Association Travel Fellowship Award, Summit on Gender and the Postdoctorate
 2008 American Society of Primatologists' Annual Student Award Competition, Honorable Mention
 2006 Health Emotions Research Institute Travel Fellowship Award, Annual Meeting for Wisconsin Symposium on Emotion: Order and Disorder in the Social Brain

GRANT HISTORY

Recently Completed Grants

Agency: Shared Presence Foundation
 ID#: Prepared Adult Initiative
 Title: Cross-Species Proteogenomic Discovery of Biomarkers for Non-Suicidal Self-Injury
 PI: Amanda M. Dettmer, PhD
 Percent effort: 5-8%
 Total costs: \$34,884 (of which \$4,550 is indirects)
 Project period: 07/01/2022 – 6/30/2024

Agency: Yale Pepper Older Americans Independence Center (OAIC)
 ID#: Pilot Research Award
 Title: Epigenetic Aging Clock, Metabolomic, and Health Profiles in Adulthood Early Life Adversities
 PI: Amanda M. Dettmer, PhD
 Percent effort: 15%
 Total costs: \$40,000 (of which \$0 is indirects)
 Project period: 07/01/2022 – 6/30/2023

Pending Grants

Agency: National Institute of Mental Health (NIMH)
 ID#: 1R21MHXXXXXX-XX
 Title: Long-term inflammation signals of variable early life social environments: A macaque model of women's health
 PI: Amanda M. Dettmer, PhD
 Percent effort: 10%
 Total costs: \$461,250 (of which \$186,250 is indirects)
 Project period: 07/01/2025 – 6/30/2027

Agency: Women's Faculty Forum (Yale University)
ID#: Seed Grant Funding
Title: Pregnancy: A protective factor for healthy aging?
PI: Amanda M. Dettmer, PhD
Percent effort: 0%
Total costs: \$1,992 (of which \$0 is indirects)
Project period: 12/01/2024 – 5/31/2025

Agency: National Institute on Aging (NIA) Research Centers Collaborative Network (RCCN)
ID#: RCCN Pilot Grant to Promote Inter-NIA Center Collaborative Research
Title: Aging-Related Brain Health Prior to Disease Onset in Rhesus Macaques
PI: Amanda M. Dettmer, PhD
Percent effort: 10%
Total costs: \$78,000 (of which \$13,000 is indirects)
Project period: 02/01/2025 – 7/31/2026

Agency: National Institute on Minority Health and Health Disparities (NIMDH)
ID#: R01MD19685-01A1
Title: ¡GANAS!: a Transformative Masculinities Intervention to Increase Social Connectedness and Reduce Stress in Latino Men
PI: Luis A. Valdez, PhD (Drexel University)
Role: Collaborator/Subaward PI
Percent effort: 5%
Total costs: \$136,058 (of which \$54,828 is indirects)
Project period: 04/01/2025 – 3/31/2030

Agency: National Science Foundation (NSF)
ID#: Research Experiences for Undergraduates (REU) Proposal
Title: Yale Lifespan Developmental Science (DEVSCI) Summer Research Program
PI: Amanda M. Dettmer, PhD (Co-PI)
Percent effort: 8%
Total costs: \$410,884 (of which \$66,809 is indirects)
Project period: 01/01/2026 – 12/31/2028

PUBLICATIONS (Complete [Google Scholar profile link](#))

(Mentored undergraduate/postbaccalaureate/graduate students underlined)

Peer-Reviewed Original Research

51. **Dettmer, A.M.**, Slonecker, E.M., Clouse, S., Ozturkoglu, Y., Meyer, J.S. No Effect of Infant Nursery Rearing on Laboratory Rhesus Monkey Dams' Social Behavior or Long-Term Cortisol Profiles. *In press, Applied Animal Behaviour Science, August 2024.*
50. Paukner, A., **Dettmer, A.M.**, Robinson, L.M., Simpson, E.A. Assessing the Stability of Temperament in Infant Rhesus Macaques. (Pre-registered report.) *In press, Personality Science.*
49. **Dettmer, A.M.**, Heckman, J.J., Pantano, J., Ronda, V., Suomi, S.J. Effects of Multi-Generational Exposure to Early-Life Advantage: Lessons from a Primate Study. *In press, Journal of Political Economy.*
48. Otridge, J., Meyer, J.S., **Dettmer, A.M.** 2023. Amniotic Fluid Cortisol Predicts Neonatal and Infant Development in Non-Stressed Rhesus Monkeys. *Neurotoxicology and Teratology, 100, 107308* (Special Issue on "Effects of Stress Exposure During Development on Neurobehavioral and Neuroendocrine Function").
47. **Dettmer, A.M.**, Bartz, C., Rutherford, H.J.V. 2023. Nonverbal Face-To-Face Interactions in Macaques and Humans: A Translational Pilot Study. *Devel. Psychobiol.*, 65(7), DOI: [10.1002/dev.22416](https://doi.org/10.1002/dev.22416)

46. **Dettmer, A.M.**, Chusyd, D.E. 2023. Early life adversities and lifelong health outcomes: A review of the literature on large, social, long-lived nonhuman mammals. *Neurosci. Biobehav. Rev.*, 152:105297 DOI: [10.1016/j.neubiorev.2023.105297](https://doi.org/10.1016/j.neubiorev.2023.105297)
45. **Dettmer, A.M.**, Novak, M.A., Meyer, J.S. 2023. Are hair cortisol levels dependent on hair growth rate? A pilot study in rhesus macaques. *Gen. Comp. Endocrin.*, 340:114308. DOI: [10.1016/j.ygcen.2023.114308](https://doi.org/10.1016/j.ygcen.2023.114308)
44. De Weerth, C., Aatsinki, A., Azad, M., Bartol, F., Bode, L., Collado, M.C., **Dettmer, A.M.**...Beijers, R. 2022. Human milk: from complex tailored nutrition to bioactive impact on child cognition and behavior. *Crit. Rev. Food Sci. Nutr.*, 1-38. DOI: [10.1080/10408398.2022.2053058](https://doi.org/10.1080/10408398.2022.2053058)
43. Condon, E.M., **Dettmer, A.M.**, Baker, E., McFaul, C., Stover, C.S. 2022. Early life adversity and males: biology, behavior, and implications for fathers' parenting. *Neurosci. Biobehav. Rev.*, 135:104531 DOI: [10.1016/j.neubiorev.2022.104531](https://doi.org/10.1016/j.neubiorev.2022.104531)
42. **Dettmer, A.M.** 2022. New findings in immune epigenomics are a return on investment. *Brain Behav. Immun.*, 99:1-2, DOI: [10.1016/j.bbi.2021.09.006](https://doi.org/10.1016/j.bbi.2021.09.006)
41. **Dettmer, A.M.**, Bennett, A.J. 2021. 100 years of comparative psychology advancing practice, policy, and the public – and what the future requires. *J. Comp. Psych.*, 135(4):450-465. DOI: [10.1037/com0000299](https://doi.org/10.1037/com0000299)
40. Wooddell, L.J., Kaburu, S.S.K., **Dettmer, A.M.** 2021. Behavioral and hormonal changes following social instability in young rhesus macaques (*Macaca mulatta*). *J. Comp. Psych.*, 135(4):568-580. DOI: [10.1037/com0000297](https://doi.org/10.1037/com0000297)
39. Arnsten, A.F.T., Condon, E.M., **Dettmer, A.M.**, Gee, D., Lee, K., Mayes, L.C., Stover, C.S., Tseng, W. 2021. The Prefrontal Cortex in a Pandemic: Restoring Function with Individual-, Family-, and System Focused Interventions. *American Psychologist*. DOI: [http://dx.doi.org/10.1037/amp0000823](https://doi.org/10.1037/amp0000823)
38. Condon, E.M., **Dettmer, A.M.**, Gee, D., Hagan, C., Lee, K., Mayes, L.C., Stover, C.S., Tseng, W., PhD. 2020. Commentary: COVID-19 and mental health equity in the United States. *Front. Sociol.* DOI: [10.3389/fsoc.2020.584390](https://doi.org/10.3389/fsoc.2020.584390)
37. Murphy, A.M. & **Dettmer, A.M.** 2020. Impacts of early social experience on cognitive development in infant rhesus macaques. *Devel. Psychobiol. [Special Issue]*, 62(7):895-908. DOI: [10.1002/dev.21916](https://doi.org/10.1002/dev.21916).
36. Wooddell, L.J., Kaburu, S.K., & **Dettmer, A.M.** 2020. Dominance rank predicts social network position across developmental stages in rhesus monkeys. *Am. J. Primatol. [Special Issue]*, e23024. DOI: [10.1002/ajp.23024](https://doi.org/10.1002/ajp.23024).
35. Higgins, E.J., **Dettmer, A.M.**, & Albro, E.R. 2019. Looking back to move forward: a retrospective examination of research at the intersection of cognitive science and education and what it means for the future. *Journal of Cognition & Development [Special Issue]*, 20(2): 278-297. DOI: [10.1080/15248372.2019.1565537](https://doi.org/10.1080/15248372.2019.1565537).
34. **Dettmer, A.M.**, Allen, J.M., Jagers, R.M., & Bailey, M.T. 2019. A descriptive analysis of gut microbiota composition in differentially reared infant rhesus monkeys (*Macaca mulatta*) across the first 6 months of life. *Am. J. Primatol.*, e22969. DOI: [10.1002/ajp.22969](https://doi.org/10.1002/ajp.22969).
33. Wooddell, L.J., Simpson, E. A., Murphy, A. M., **Dettmer, A. M.**, & Paukner, A. 2019. Interindividual differences in neonatal sociality and emotionality predict juvenile social status in rhesus monkeys. *Devel. Sci.*, 22(2):e12749. DOI: [10.1111/desc.12749](https://doi.org/10.1111/desc.12749).
32. Paukner, A., Slonecker, E.M., Murphy, A.M., Wooddell, L.J., **Dettmer, A.M.** 2018. Sex and rank affect how infant rhesus macaques look at faces. *Devel. Psychobiol.*, 60(2): 187-193. DOI: [10.1002/dev.21579](https://doi.org/10.1002/dev.21579).
31. **Dettmer, A.M.**, Murphy, A.M., Guitarra, D., Slonecker, E., Rosenberg, K.L., Novak, M.A., Meyer, J.S., Hinde, K. 2017. Cortisol in Neonatal Mother's Milk Predicts Later Infant Social and Cognitive Functioning in Rhesus Monkeys. *Child Development*, 89(2): 525-538. DOI: [10.1111/cdev.12783](https://doi.org/10.1111/cdev.12783).
30. Wooddell, L.J., Kaburu, S.K.K., Murphy, A.M., Suomi, S.J., **Dettmer, A.M.** 2017. Rank acquisition in rhesus macaque yearlings following permanent maternal separation: The importance of the social and physical environment. *Devel. Psychobiol.*, 59(7): 863-875. DOI: [10.1002/dev.21555](https://doi.org/10.1002/dev.21555).
29. Wooddell, L.J., Hamel, A.F., Murphy, A.M., Byers, K.L., Kaburu, S.S.K., Meyer, J.S., Suomi, S.J., **Dettmer, A.M.** 2017. Relationships between affiliative social behavior and hair cortisol concentrations in semi-free

ranging rhesus monkeys. *Psychoneuroendocrinology*, 84:109-115. DOI: [10.1016/j.psyneuen.2017.06.018](https://doi.org/10.1016/j.psyneuen.2017.06.018).

28. [Wooddell, L.J.](#), Kaburu, S.K.K., Suomi, S.J., **Dettmer, A.M.** 2017. Elo-rating as a Tool to Track Rank Fluctuations Following Demographic Changes in Semi-Free Ranging Rhesus Macaques (*Macaca mulatta*). *Journal for the American Association of Laboratory Animal Science*, 56(3): 260-268. No DOI; view article [here](#).
27. Massart, R., Suderman, M.J., Nemoda, Z., Sutti, S., Ruggiero, A.M., **Dettmer, A.M.**, Suomi, S.J., Szyf, M. 2017. The Signature of Maternal Social Rank in Placenta DNA Methylation Profiles in Rhesus Monkeys. *Child Development*. 88(3):900-918. DOI: [10.1111/cdev.12640](https://doi.org/10.1111/cdev.12640).
26. **Dettmer, A.M.**, [Wooddell, L.](#), Rosenberg, K.L., Kaburu, S.S.K., Novak, M.A., Meyer, J.S., Suomi, S.J. 2017. Associations Between Early Life Experience, Chronic HPA Axis Activity, And Adult Social Rank In Rhesus Monkeys. *Social Neurosci.*, 12(1): 92-101. DOI: [10.1080/17470919.2016.1176952](https://doi.org/10.1080/17470919.2016.1176952).
25. **Dettmer, A.M.**, Baker K.C. 2017. *Guest Editors: Special Issue on Nonhuman Primate Well-Being*. *Am. J. Primatol.*, 79(1). View issue information [here](#).
24. Baker, K.C. and **Dettmer, A.M.** 2017. The Well-Being of Laboratory Non-Human Primates. *Am. J. Primatol.*, e22520, DOI: [10.1002/ajp.22520](https://doi.org/10.1002/ajp.22520).
23. **Dettmer, A.M.**, Rosenberg, K., Menard, M.T., El-Mallah, S., Woodward, R.A., Suomi, S.J., Meyer, J.S. 2017. Differential Relationships Between Chronic Hormone Profiles in Pregnancy and Maternal Investment in Rhesus Monkey Mothers with Hair Loss in the Neonatal Period. *Am. J. Primatol.*, e22489, DOI: [10.1002/ajp.22489](https://doi.org/10.1002/ajp.22489).
22. Peterson, E.J., Worlein, J.M., Lee, G.H., **Dettmer, A.M.**, Varner, E.K., Novak, M.A. 2017. Rhesus Macaques (*Macaca mulatta*) With Self-Injurious Behavior Show Less Behavioral Anxiety During the Human Intruder Test. *Am. J. Primatol.*, e22569. DOI: [10.1002/ajp.22569](https://doi.org/10.1002/ajp.22569).
21. Massart, R., Nemoda, Z., Suderman, M.J., Sutti, S., Ruggiero, A.M., **Dettmer, A.M.**, Suomi, S.J., Szyf, M. 2016. Early Life Adversity Alters Normal Sex-Dependent Developmental Dynamics of DNA Methylation. *Development and Psychopathology, Special Section on Epigenetics*, 28 (4pt2):1259-1272. DOI: [10.1017/S0954579416000833](https://doi.org/10.1017/S0954579416000833).
20. **Dettmer, A.M.**, Kaburu, S.S.K., Simpson, E.A., Paukner, A., Sclafani, V., [Byers, K.L.](#), [Murphy, A.M.](#), Miller, M., Marquez, N., Miller, G.M., Suomi, S.J., Ferrari, P.F. 2016. Neonatal Face-To-Face Interactions Promote Later Social Behavior in Infant Rhesus Monkeys. *Nature Communications*, 7, 11940. DOI: [10.1038/ncomms11940](https://doi.org/10.1038/ncomms11940).
19. [Wooddell, L.J.](#), Kaburu, S.S.K., Rosenberg, K.L., Meyer, J.S., Suomi, S.J., **Dettmer, A.M.** 2016. Behavioral and Physiological Changes Following the Removal of a Non-Alpha Matriarch in Rhesus Macaques (*Macaca mulatta*). *PLoS ONE*, 11(6):e0157108. DOI: [10.1371/journal.pone.0157108](https://doi.org/10.1371/journal.pone.0157108).
18. **Dettmer, A.M.**, Kaburu, S.S.K., [Byers, K.L.](#), [Murphy, A.M.](#), [Soneson, E.](#), Suomi, S.J. 2016. First-time Rhesus Monkey Mothers, and Mothers of Sons, Preferentially Engage in Face-to-Face Interactions with Their Infants. *Am. J. Primatol.*, 78(2):238-246. DOI: [10.1002/ajp.22503](https://doi.org/10.1002/ajp.22503).
17. **Dettmer, A.M.**, Rosenberg, K.L., Suomi, S.J., Meyer, J.S., Novak, M.A. 2015. Associations Between Parity, Hair Hormone Profiles During Pregnancy and Lactation, and Infant Development in Rhesus Monkeys (*Macaca mulatta*). *PLoS ONE*, 10(7):e0131692. DOI: [10.1371/journal.pone.0131692](https://doi.org/10.1371/journal.pone.0131692).
16. **Dettmer, A.M.**, [Murphy, A.M.](#), Suomi, S.J. 2015. Development of a Cognitive Testing Apparatus for Socially Housed Mother-Peer-Reared Infant Rhesus Monkeys. *Devel. Psychobiol.*, 57(3):349-355. DOI: [10.1002/dev.21285](https://doi.org/10.1002/dev.21285).
15. **Dettmer, A.M.**, Woodward, R.A., Suomi, S.J. 2015. Reproductive Consequences of a Matrilineal Overthrow in Rhesus Monkeys. *Am. J. Primatol.*, 77(3):346-352. DOI: [10.1002/ajp.22350](https://doi.org/10.1002/ajp.22350). [Featured in NICHD Connection](#)
14. **Dettmer, A.M.**, Suomi, S.J. 2014. Nonhuman Primate Models of Neuropsychiatric Disorders: Influences of Early Rearing, Genetics, and Epigenetics. *ILAR Journal*, 55(2):361-370. DOI: [10.1093/ilar/ilu025](https://doi.org/10.1093/ilar/ilu025).

13. **Dettmer, A.M.**, Novak, M.A., Meyer, J.S., Suomi, S.J. 2014. Population Density-Dependent Hair Cortisol Concentrations in Rhesus Monkeys (*Macaca mulatta*). *Psychoneuroendocrinology*. 42, 59-67. DOI: [10.1016/j.psyneuen.2014.01.002](https://doi.org/10.1016/j.psyneuen.2014.01.002). [Featured in NICHD Connection](#)
12. Fawcett, G.L., **Dettmer, A.M.**, Kay, D., Raveendran, M., Higley, J.D., Ryan, N.D., Cameron, J.L., Rogers, J. 2014. Quantitative Genetics of Response to Novelty and Other Stimuli by Infant Rhesus Macaques (*Macaca mulatta*) Across Three Behaviors Assessments. *Int. J. Primatol.*, 35, 325-39. DOI: [10.1007/s10764-014-9750-z](https://doi.org/10.1007/s10764-014-9750-z).
11. Novak, M.A., Hamel, A.F., Kelly, B.J., **Dettmer, A.M.**, Meyer, J.S. 2013. Stress, the HPA Axis, and Nonhuman Primate Well-Being: A Review. *Applied Anim. Behav. Science*. 143(2-4):135-49. DOI: [10.1016/j.applanim.2012.10.012](https://doi.org/10.1016/j.applanim.2012.10.012).
10. **Dettmer, A.M.** 2013. *Guest Editor: Special Issue: Special Section on Reproductive Function and Dysfunction in Nonhuman Primates*. *Am. J. Primatol.* 75(3).
9. **Dettmer, A.M.** 2013. The Integrative Biology of Reproductive Functioning in Nonhuman Primates. *Am. J. Primatol.* 75(3): 197-201. DOI: [10.1002/ajp.22054](https://doi.org/10.1002/ajp.22054).
8. Leak, R.K., Garbett, K.A., **Dettmer, A.M.**, Zhang, Z., Mirnics, K., Cameron, J.L. 2012. Physical Activity Is Linked to Ceruloplasmin In the Striatum of Intact But Not MPTP-Treated Primates. *Cell Tissue Res*. 350(3):401-7. DOI: [10.1007/s00441-012-1488-3](https://doi.org/10.1007/s00441-012-1488-3).
7. **Dettmer, A.M.**, Novak, M.A., Suomi, S.J., Meyer, J.S. 2012. Physiological and Behavioral Adaptation to Relocation Stress in Differentially Reared Rhesus Monkeys: Hair Cortisol as a Biomarker for Anxiety-related Responses. *Psychoneuroendocrinology*. 37:191-99. DOI: [10.1016/j.psyneuen.2011.06.003](https://doi.org/10.1016/j.psyneuen.2011.06.003).
6. Herod, S.M., **Dettmer, A.M.**, Novak, M.A., Meyer, J.S., Cameron, J.L. 2011. Sensitivity to Stress-Induced Reproductive Dysfunction is Not Associated With Elevated Baseline Activity of the Hypothalamic Pituitary Adrenal (HPA) Axis. *Am. J. Physiol. Endocrinol. Metab.* 300(1):E28-36. DOI: [10.1152/ajpendo.00223.2010](https://doi.org/10.1152/ajpendo.00223.2010).
5. Hamel, A.F., Meyer, J.S., Henchey, E., **Dettmer, A.M.**, Suomi, S.J., Novak, M.A. 2010. Effects of Shampoo and Water Washing on Hair Cortisol Concentrations. *Clin. Chim. Acta*. 412(3-4):382-5. DOI: [10.1016/j.cca.2010.10.019](https://doi.org/10.1016/j.cca.2010.10.019).
4. **Dettmer, A.M.** 2009. Early Rearing Experience, Hypothalamic-Pituitary-Adrenal (HPA) Activity, and Serotonin Transporter Genotype: Influences on the Development of Anxiety in Infant Rhesus Monkeys (*Macaca mulatta*). *Open Access Dissertations*. Paper 45. View dissertation [here](#).
3. **Dettmer, A.M.**, Novak, M.F.S.X, Novak, M.A., Meyer, J.S., Suomi, S.J. 2009. Hair Cortisol Predicts Object Permanence Performance in Infant Rhesus Monkeys (*Macaca mulatta*). *Devel. Psychobiol.* 51(8):706-13. DOI: [10.1002/dev.20405](https://doi.org/10.1002/dev.20405).
2. **Dettmer, A.M.**, Ruggiero, A.M., Novak, M.A., Meyer, J.S., Suomi, S.J. 2008. Surrogate Mobility and Orientation Affect the Early Neurobehavioral Development of Infant Rhesus Macaques (*Macaca mulatta*). *Devel. Psychobiol.* 50(4): 418-22. DOI: [10.1002/dev.20296](https://doi.org/10.1002/dev.20296).
1. **Dettmer, A.M.**, Houser, L.A., Ruppenthal, G.C., Capuano, S.V., Hewitson, L.C. 2007. Growth and Developmental Outcomes of Three High-Risk Infant Rhesus Macaques (*Macaca mulatta*). *Am. J. Primatol.*, 69(5): 503-18. DOI: [10.1002/ajp.20349](https://doi.org/10.1002/ajp.20349).

Working Papers/Under Review

1. Troller-Renfree, S.V., Gray, K.N., Sandre, A., Hart, E.R., Sperber, J.F., **Dettmer, A.M.**, Meyer, J.S., & Noble, K.G. Associations between prenatal maternal stress and infant resting brain activity: A preregistered investigation (2024-0584). *Under review, Developmental Science, September 2024*.
2. Daiy, K., Wiley, K., Allen, J.M., Bailey, M.T., **Dettmer, A.M.** The infant gut microbiome, neurodevelopment, and cognitive development in a nonhuman primate model (*Macaca mulatta*). *Under revision, Journal of Developmental Origins of Health and Disease, August 2024*.

In Preparation

4. **Dettmer, A.M.**, Meyer, J.S., Hinde, K. Influence of Macaque Mothers' Milk Cortisol on Neonatal Growth and Neurobehavioral Development.
3. Otridge, J., Wooddell, L.J., Meyer, J.S., Kaburu, S.K.K., **Dettmer, A.M.** Hair Cortisol Reference Ranges in Semi-Free Ranging Rhesus Macaques.
2. **Dettmer, A.M.**, Suomi, S.J., Novak, M.A., Meyer, J.S., Hinde, K. Changes in Neonatal Milk Cortisol Predict Later Infant Hair Cortisol Concentrations in Rhesus Monkeys.
1. **Dettmer, A.M.**, Murphy, A.M., Slonecker, E., Suomi, S.J., Novak, M.A., Meyer, J.S. Hair Cortisol Predicts Cognitive Function and Social Behavior in Group-Housed Infant Rhesus Monkeys.

Peer-Reviewed Book Chapters

3. **Dettmer, A.M.**, Clinton, A., Mildon, H. 2020. Self-Regulation: A Skill for Success. In: Alfonso, V., DuPaul, G. (Eds), *Promoting Healthy Growth and Development in Young Children: Bridging the Science-Practice Gap in Early Education*, Washington, DC: American Psychological Association, pp 131-150.
2. Boyce, T.W., Riolo, R., Suomi, S.J., Brooks-Gunn, J., Groscurth, K., Cherng, S., Gardner, M., Low, B.S., **Dettmer, A.M.**, Simon, C.P. 2016. Developmental Complexity: Modeling Social Inequalities in Young Children and Macaques. In: Kaplan, G.A. (Ed), *Growing Inequality: Bridging Complex Systems, Population Health, and Health Disparities*. Washington, DC: Westphalia Press, pp 41-80.
1. **Dettmer, A.M.**, Suomi, S.J., Hinde, K. 2014. Nonhuman Primate Models of Mental Health. In: Narvaez, D., Valentino, K., Fuentes, A., McKenna, J.J., Gray, P. (Eds), *Ancestral Landscapes in Human Evolution*. New York: Oxford University Press, pp 42-58.

White Papers

1. **Dettmer, A.M.** 2023. Analysis of an In-School Mental Health Services Model for K-12 Students Requiring Intensive Clinical Support: A White Paper Report on Tier 3 School-Based Mental Health Programming. *Online Submission, ERIC, ED632112*.

INVITED LECTURES, SYMPOSIA & WORKSHOPS

- 2024 Lifespan Research: An Imperative for Clinical and Translational Science, Invited Mini-Symposium. *Annual Meeting of the Association for Clinical and Translational Science, Las Vegas, NV*.
- 2023 Rhesus Monkeys: Comparative, Causal, and Complementary Models of Lifespan Health, Keynote Address. *Advancing Arkansas Lifespan Research Conference, Arkansas Children's Research Institute & the University of Arkansas for Medical Sciences, Little Rock, AR*
- 2023 Mental Health Primers for K-12 Teachers, Symposium: Schools in Need: Mental Health and SEL Resources for K-12 Teachers, *American Psychological Association Annual Convention, Washington, DC*
- 2023 Lifespan Health and Scientific Health: Lessons from Animal Research, *Presidential Address, Society for Behavioral Neuroscience & Comparative Psychology, Division 6, American Psychological Association Annual Convention, Washington, DC*
- 2022 Primiparity in Rhesus Macaques: A Sensitive Period for Infant Development Via Mother's Milk. Keynote speaker. *Breast milk composition: a role in intergenerational transmission of the effects of early-life environment to the offspring's neurodevelopment and later life outcomes, Dutch Neuroscience Meeting, Tiel, NL*
- 2021 Possible Mediating Processes and Protective Factors That Could Be Studied Across Cohorts. Invited panelist. *Cross Cohort Examination of Child Maltreatment and Adult Health Outcomes Meeting, Yale Child Study Center virtual conference (COVID-19)*
- 2021 Harmonizing Concepts and Measures of Maltreatment. Invited panelist. *Cross Cohort Examination of Child Maltreatment and Adult Health Outcomes Meeting, Yale Child Study Center virtual conference (COVID-19)*
- 2021 Disruptions to Student Well-Being: Keys to Unlocking Psycho-Social Skills and Achievement. Invited panelist. *American Federation of Teachers TEACH 2021, virtual conference (COVID-19)*

- 2021 New Frontiers in Comparative Human and Animal Model Research on the Social Dimensions of Aging. Invited panelist. *Population Association of America Annual Meeting, virtual conference (COVID-19)*
- 2021 Psychological Skills and Achievement: A Two-Way Street. Keynote Panelist. *National Science Teaching Association (NSTA) Engage: Spring 2021, virtual conference (COVID-19)*
- 2021 Quantifying the Impact of Adversity Across the Lifespan: Progress in Mechanistic Biomarker Discovery Invited Workshop. *2021 Clinical & Translational Science Award Program Spring Group Meetings, virtual conference (COVID-19)*
- 2020 Invited participant. *Expert Meeting on Lactational Programming, The Netherlands, virtual conference (COVID-19)*
- 2020 The Future of Behavioral Neuroscience and Comparative Cognition: Talks by Early Career Scientists (Division 6). Invited Panelist. *American Psychological Association Annual Convention, virtual conference (COVID-19)*
- 2020 Teaching Neuroscience and Comparative Psychology in Classrooms and Communities. Invited Panelist. *American Psychological Association Annual Convention, virtual conference (COVID-19)*
- 2019 Causes and Consequences of Long-Term Stress Exposure in Nonhuman Primates. *Research Methods in the Developmental Neuroscience and Psychopathology Master of Research Program, Yale Child Study Center, New Haven, CT*
- 2019 Early Determinants of Nonhuman Primate Socio-cognitive Development. *Yale Cognitive and Developmental Psychology Current Works Series, New Haven, CT*
- 2019 Early Mother-Infant Interactions and Social Development in Rhesus Monkeys. Invited Symposium on Early Social Markers of Social Competency: Translational Studies in Primates, *FLUX Congress Annual Meeting, New York, NY*
- 2019 Primates and Policy: How to Advocate for Responsible Primate Research. Roundtable, *American Society of Primatologists Annual Meeting, Madison, WI*
- 2019 Rhesus Monkey Mother-Infant Interactions & Infant Cognition. *Massachusetts Institute of Technology McGovern Institute for Brain Research, Cambridge, MA*
- 2018 Now, More Than Ever, APA Policy Fellowships in a New Federal Landscape. *American Psychological Association Annual Convention, San Francisco, CA*
- 2018 Are You In or Out? Insights into Ingroup and Outgroup Bias from Primates, Humans, and Virtual Reality. *American Psychological Association Annual Convention, San Francisco, CA*
- 2018 From Bowel to Brain: Gut Microbiota Diversity and Chronic HPA Axis Activity Across Development in Rhesus Monkeys. Legacy Award Address, *American Society of Primatologists Annual Meeting, San Antonio, TX*
- 2018 Biosecurity and Effectively Communicating via Social Media. *Massachusetts Society for Medical Research (MSMR)/FBI 3I's Biosecurity Conference, Chapel Hill, NC*
- 2017 Advocating for Animal-Based Neuropsychopharmacology Research, *American College of Neuropsychopharmacology Annual Meeting, Palm Springs, CA*
- 2017 How to Effectively Communicate Your Animal Research: Elevator Speech, Social Media, & Best Practices, *Society for Neuroscience Animals in Research Panel, SfN Annual Meeting, Washington, DC*
- 2017 Biosecurity and Effectively Communicating via Social Media. *Massachusetts Society for Medical Research (MSMR)/FBI 3I's Biosecurity Conference, Providence, RI*
- 2017 Primiparity: A 'Sensitive Period' for Maternal and Infant Development in Rhesus Macaques, *George Washington University Center for the Advanced Study of Human Paleobiology, Washington, DC*
- 2017 Hair Cortisol as a Biomarker of Well-Being Across the Lifespan in Rhesus Monkeys, *Bioqual, Rockville, MD*
- 2016 Primiparity: A 'Sensitive Period' for Maternal and Infant Development in Rhesus Macaques. *In Growing Up Primate: Diverse Approaches to Understanding the Complex Influences on Primate Development,*

Joint Congress of the International Primatological Society/American Society of Primatologists, Chicago, IL.

- 2015 Using Hair Cortisol to Assess Chronic Stress in Rhesus Monkeys, *Guest Lecture for NICHD Postbaccalaureate Course in Becoming an Effective Scientist, Bethesda, MD*
- 2015 The Hair Has It: Chronic Hormones & Behavior Across the Lifespan in Rhesus Monkeys, *Hood College Biology Department Seminar Series, Frederick, MD*
- 2014 Using Hair Cortisol to Assess Chronic Stress in Rhesus Monkeys, *Guest Lecture for NICHD Postbaccalaureate Course in Becoming an Effective Scientist, Bethesda, MD*
- 2014 Being a Scientist Online: Possibilities, Pragmatics & Pitfalls, *Education/Media Workshop at the 37th Annual Meeting of the American Society of Primatologists, Decatur, GA*
- 2014 Chronic Hormones and Demographic Variables: Center-Wide Studies on Non-Human Primate Well Being, *Invited Symposium at the 37th Annual Meeting of the American Society of Primatologists, Decatur, GA*
- 2013 Population Density, Chronic Stress, and Intra-Group Conflict: Predictors of Infant Mortality in Semi-Free Ranging Rhesus Monkeys at the LCE Field Station, *Featured Speaker, NICHD 9th Annual Fellows Retreat*
- 2012 A Nonhuman Primate Model of Early Development: Physiology and Behavior, *Hood College Biology Department Seminar Series, Frederick, MD*
- 2011 Reproductive Function & Dysfunction in Nonhuman Primates, *Interdisciplinary Symposium of the 34th Annual Meeting of the American Society of Primatologists, Austin, TX*
- 2011 Exercise is Neuroprotective in a Nonhuman Primate Model of Parkinson's Disease, *University of Massachusetts Amherst*
- 2008 Observational Methods Symposium: Methods from the field, zoo and laboratory, *Symposium of the 31st Annual Meeting of the American Society of Primatologists, West Palm, FL*

SELECTED PUBLISHED ABSTRACTS/CONFERENCE PRESENTATIONS

(Mentored undergraduate/postbaccalaureate/graduate students underlined)

- 61. Barone, J., & **Dettmer, A.M.** 2023. High-Fidelity Multit-Modal Programming: A Dose-Response Model for Successful MTSS Tier 3 School-Based Mental Health Programs. *Annual Conference on Advancing School Mental Health: Building Hopeful Futures for All Youth.*
- 60. **Dettmer, A.M.**, Wooddell, L.J., Kaburu, S.K.K. 2023. Social Play Buffers the Effects of Social Instability in Rhesus Monkeys. *Play and the Evolution of Creative Societies.* Erice, Italy.
- 59. Daiy, K., Wiley, K., Allen, J., Bailey, M.T., Dettmer, A.M. 2023. Hair cortisol levels and gut microbiome alpha diversity in infant rhesus macaques (*Macaca mulatta*): an exploratory analysis. *92nd Annual Meeting of the American Association of Biological Anthropologists, Reno, NV.*
- 58. **Dettmer, A.M.**, Gordevicius, J., Brooke, R.T. 2023. Epigenetic Aging Clock and Health Profiles in Adulthood Following Early Life Adversities in Nonhuman Primates. *Claude D. Pepper Older Americans Independence Center (OAIC) Annual Meeting, Arlington, VA.*
- 57. **Dettmer, A.M.**, Suomi, S.J., Novak, M.A., Meyer, J.S. 2022. Amniotic Fluid Cortisol Predicts Neonatal and Infant Development in Non-Stressed Rhesus Monkeys. *Devel. Psychobiol.*, 64(S2):S116.
- 56. Daiy, K., Wiley, K., Allen, J., Bailey, M.T., **Dettmer, A.M.** 2022. The infant gut microbiome, rearing environment, neurodevelopment, and cognitive development in a non-human primate model (*Macaca mulatta*). *The 12th World Congress on Developmental Origins of Health and Disease, Vancouver, BC.*
- 55. **Dettmer, A.M.**, Bartz, C., Rutherford, H.J.V. 2021. A Translational Pilot Study of Mother-Infant Interactions in Macaques and Humans: Implications for At-Risk Parents. *Devel. Psychobiol.*, 64(S1):S28.
- 55. **Dettmer, A.M.**, Bennett, A.J., Phillips, K.A. 2020. Primates and Policy: How to Advocate for Responsible Primate Research. *Am. J. Primatol.*, 82(S1):26.

54. **Dettmer, A.M.**, Meyer, J.S., Hinde, K. 2020. Mother's Milk Cortisol Predicts Neonatal Growth and Development in Rhesus Monkeys. *AAAS Annual Meeting, Seattle, WA*.
53. **Dettmer, A.M.**, Meyer, J.S., Hinde, K. 2019. Cortisol in Mother's Milk Predicts Head Growth and Neurological Development in The Neonatal Period in Rhesus Monkeys. *Society for Neuroscience Annual Meeting, Chicago, IL*.
52. **Dettmer, A.M.**, Allen, J., Varaljay, V.A., Jagers, R.M., Murphy, A.M., Suomi, S.J., Meyer, J.S., Bailey, M.T. From Bowel to Brain: Gut Microbiota Diversity and Chronic HPA Axis Activity Across Development in Rhesus Monkeys. *Am. J. Primatol.*, 81(S1):23.
51. Izenwasser, S., Clifford, P., France, L., **Dettmer, A.M.**, Carroll, M., Ator, N., Jentsch, J.D. 2017. Animal Research Committee: Advocating for Animal-Based Neuropsychopharmacology Research. *Annual Meeting of the American College of Neuropsychopharmacology, Palm Springs, CA*.
50. Murphy, A.M., Byers, K.L., Wooddell, L.J., Miller, M., Suomi, S.J., **Dettmer, A.M.** 2017. Effects of Maternal Infant Gazing on Infant Neurobehavioral Development in Socially Housed Rhesus Macaques (*Macaca Mulatta*). *Am. J. Primatol.*, 80(S1):E22942.
49. **Dettmer, A.M.**, Slonecker, E.M., Suomi, S.J., Meyer, J.S. 2017. Dams' Social Behavior and Long-Term Cortisol Profiles in Response to Their Infants Being Nursery-Reared. *Am. J. Primatol.*, 80(S1):e22942.
48. **Dettmer, A.M.**, Murphy, A.M., Slonecker, E., Guitarra, D., Meyer, J.S., Suomi, S.J., Hinde, K. 2017. Relations Between Milk Cortisol Changes, Hair Cortisol Concentrations, and Social Behaviors in Rhesus Monkeys. *Society for Research in Child Development Biennial Meeting, Austin, TX*.
47. **Dettmer, A.M.** An Exploration of the Scientific Legislation Process. 2016. *Society for Neuroscience Annual Meeting, San Diego, CA. (Selected for SfN Advocacy Reception)*
46. **Dettmer, A.M.**, Rosenberg, K.L., Murphy, A.M., Byers, K.L., Wooddell, L.J., Kaburus, S.S.K., Hinde, K., Novak, M.A., Meyer, J.S., Suomi, S.J. 2016. Primiparity: A 'Sensitive Period' for Maternal and Infant Development in Rhesus Macaques. *Joint Meeting of the International Primatological Society and the American Society of Primatologists, Chicago, IL, USA*.
45. Wooddell, L.J., Kaburu, S.S.K., Suomi, S.J., **Dettmer, A.M.** 2016. Differential Rank Acquisition in Semi Free Ranging Male and Female Juvenile Rhesus Macaques (*Macaca mulatta*). *Joint Meeting of the International Primatological Society and the American Society of Primatologists, Chicago, IL, USA*.
44. Murphy, A.M., Slonecker, E.M., Suomi, S.J., **Dettmer, A.M.** 2016. Effects Of Maternal Parity on Infant Impulsivity In Socially Housed Rhesus Macaques (*Macaca Mulatta*). *Joint Meeting of the International Primatological Society and the American Society of Primatologists, Chicago, IL, USA. (Student Award Honorable Mention)*
43. **Dettmer, A.M.**, Murphy, A.M., Guitarra, D., Rosenberg, K., Suomi, S.J., Meyer, J.S., Hinde, K. 2016. Changes in Milk Cortisol Across the Neonatal Period Predict Later Chronic Hypothalamic-Pituitary Adrenal (HPA) Axis Activity in Infant Rhesus Monkeys. *Devel. Psychobiol.*, 58(S1):S13.
42. **Dettmer, A.M.**, Murphy, A.M., Guitarra, D., Rosenberg, K., Suomi, S.J., Meyer, J.S., Hinde, K. 2016. Changes in Milk Cortisol Across the Neonatal Period Predict Later Chronic Hypothalamic-Pituitary Adrenal (HPA) Axis Activity in Infant Rhesus Monkeys. *Federation for European Neuroscience Societies Biennial Meeting, Copenhagen, Denmark*.
41. **Dettmer, A.M.**, Murphy, A.M., Slonecker, E., Guitarra, D., Rosenberg, K.L., Novak, M.A., Suomi, S.J., Meyer, J.S., Hinde, K. 2015. Cortisol in Mother's Milk in the Neonatal Period Predicts Later Cognitive Performance and Social Behavior in Infant Rhesus Monkeys (*Macaca mulatta*). *Society for Neuroscience Annual Meeting, Chicago, IL. (Selected for press conference) [Featured in various news outlets](#)*
40. **Dettmer, A.M.**, Murphy, A.M., Rosenberg, K.L., Guitarra, D., Slonecker, E., Novak, M.A., Suomi, S.J., Meyer, J.S. 2015. Cortisol in Mother's Milk in the Neonatal Period Influences Later Infant Social Behavior and Cognition in Rhesus Monkeys. *Devel. Psychobiol.*, 57(7):867.
39. **Dettmer, A.M.**, Hambright, M.K., Novak, M.F. 2015. ASP Education Committee Pre-Conference Educational Outreach. *Am. J. Primatol.*, 77(S1):37.

38. Hamel, A.F., **Dettmer, A.M.**, Miller, M.M., Suomi, S.J., Meyer, J.S., Novak, M.A. 2015. Early Rearing Experience Modulates Temperament and Activity of the Oxytocin System and Hypothalamic Pituitary Adrenocortical (HPA) Axis in Infant Rhesus Monkeys (*Macaca Mulatta*). *Am. J. Primatol.*, 77(S1):53-54.
37. Wooddell, L.J., Kaburu, S.K., **Dettmer, A.M.**, Suomi, S.J. 2015. Elo-Rating as a Tool to Measure Rank Changes and Dominance Stability in Semi-Free Ranging Rhesus Macaques. *Am. J. Primatol.*, 77(S1):80. **(Student Award Honorable Mention)**
36. **Dettmer, A.M.**, Woodward, R.A., Rosenberg, K.L., Suomi, S.J., Novak, M.A., Meyer, J.S. 2015. Hair Cortisol is Associated with Changes in Hair Loss and Body Condition Across Puberty in Male Rhesus Monkeys. *Am. J. Primatol.*, 77(S1):46.
35. Peterson, E.J., Worlein, J.M., Lee, G.H., **Dettmer, A.M.**, Varner, E.K., Novak, M.A. 2015. Laboratory Housed Rhesus Macaques (*Macaca mulatta*) With Self Injurious Behavior Show a Blunted Behavioral Response to the Human Intruder Test. *Am. J. Primatol.*, 77(S1):92-93.
34. **Dettmer, A.M.**, Rosenberg, K., Menard, M.T., Suomi, S.J., Meyer, J.S., Novak, M.A. 2015. Differential Maternal Investment in Rhesus Monkey Mothers with Hair Loss in the Neonatal Period. *Am. J. Phys. Anthropol.*, 156:199-120.
33. **Dettmer, A.M.**, Suomi, S.J. 2015. Mother-Infant Face-to-Face Interactions Predict Later Social Behavior in Infant Rhesus Monkeys. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA.
32. **Dettmer, A.M.**, Rosenberg, K., Guitarra, D., Novak, M.A., Meyer, J.S., Suomi, S.J. 2015. Parity and Infant Sex Interact to Influence Maternal Cortisol in Pregnancy and Infant Social Behavior in Rhesus Monkeys. *Devel. Psychobiol.*, 57(S1):S11.
31. Adam, C., **Dettmer, A.M.**, Liu, T., Ngo, A., Doyle, A., Pyrddek, D., Rockcastle, N., Zhang, Z., Camerons, J.L. 2014. Anxious Behaviors in Normally Aging Monkeys and in a Nonhuman Primate Model of Parkinson's Disease. *Society for Neuroscience Annual Meeting*, Washington, DC.
30. **Dettmer, A.M.**, Hinde, K., Ross, C.N., Rutherford, J.N. 2014. Being a Scientist Online: Possibilities, Pragmatics, & Pitfalls (workshop). *Am. J. Primatol.*, 76(S1):40.
29. **Dettmer, A.M.**, Murphy, A.M., Suomi, S.J. 2014. Development of a Cognitive Testing Apparatus for Socially Housed Mother-Peer-Reared Infant Rhesus Monkeys. *Am. J. Primatol.*, 76(S1):59.
28. **Dettmer, A.M.**, Rosenberg, K., Menard, M.T., Novak, M.A., Meyer, J.S., Suomi, S.J. 2014. Influence of Pregnancy on Hair Loss and Chronic Hormone Profiles in Rhesus Monkeys (*Macaca mulatta*).
27. **Dettmer, A.M.**, Novak, M.A. 2014. Chronic Hormones and Demographic Variables: Center-Wide Studies on Nonhuman Primate Well-Being (symposium). *Am. J. Primatol.*, 76(S1):66.
26. Runeberg-Roos, P., Subramanian, K., **Dettmer, A.M.**, Macielak, R., Adams, C., Gaughan, T., Beauchamp, B., Montgomery, N., Rockcastle, N.J., Tuominen, R.K., Zhang, Z., Saarma, M., Penn, R., Cameron, J.L., Gash, D. 2014. New Neurturin Variants Improve Function of Monkeys in a MPTP Model of Parkinson's Disease. *Movement Disorders*, 29:S42.
25. Subramanian, K., **Dettmer, A.M.**, Rockcastle, N., Zhang, Z., Doyle, A., Noorbaksh, A., Laino, S.,...Gash, D., Cameron, J.L., Saarma, M. 2013. Intrapatamenal CDFN Infusions Restore Substantia Nigra Dopamine Neuron Integrity in the Monkey Low-Dose MPTP Model of Parkinson's Disease. *Society for Neuroscience Annual Meeting*, San Diego, CA.
24. Subramanian, K., **Dettmer, A.M.**, Rockcastle, N., Zhang, Z., Montgomery, N., Macielak, R., Adam, C., Gaughan, T., Runeberg-Roos, P., Tuominen, R., Cameron, J.L., Penn, R.D., Saarma, M. 2013. Intrapatamenal Infusions of Variant Forms of NRTN Restore Substantia Nigra Dopamine Neuron Integrity in the Monkey Low-Dose MPTP Model of Parkinson's Disease. *Society for Neuroscience Annual Meeting*, San Diego, CA.
23. **Dettmer, A.M.**, Woodward, R.A., Novak, M.A., Meyer, J.S., Suomi, S.J. 2013. Causes and Consequences of the "Palace Coup": What Hair Cortisol Tells Us About the Matrilineal Overthrow at the LCE Field Station. *Am. J. Primatol.*, 75(S1):71.

22. **Dettmer, A.M.**, Kay, D., Fawcett, G.L., Rogers, J., Higley, J.D., Ryan, N.D., Cameron, J.L. 2012. Relationships Between, and Heritability of, Mood Characteristics and Physical Activity Levels in Young Rhesus Monkeys (*Macaca mulatta*). *Society for Neuroscience Annual Meeting*, New Orleans, LA.
21. **Dettmer, A.M.**, Kay, D., Fawcett, G.L., Rogers, J., Higley, J.D., Ryan, N.D., Cameron, J.L. 2012. Identification of Anxious Behaviors in a Large Normative Population of Infant Rhesus Monkeys (*Macaca mulatta*): Models of Childhood Anxious Behaviors. *Am. J. Primatol.*, 74(S1):67.
20. **Dettmer, A.M.**, Paukner, A., Novak, M.A., Meyer, J.S., Ferrari, P.F., Suomi, S.J. 2012. Emotional and Social Trajectories of Rhesus Macaque Imitators and Non-Imitators (*Macaca mulatta*). *Am. J. Primatol.*, 74(S1):47.
19. **Dettmer, A.M.** 2011. Reproductive Function & Dysfunction in Nonhuman Primates (symposium). *Am. J. Primatol.*, 73(S1):139.
18. **Dettmer, A.M.** 2011. Potential Neurorestorative Effects of a Novel Growth Factor, Cerebral Dopamine Neurotrophic Factor (CDNF), in a Nonhuman Primate Model of Parkinson's Disease. *University of Pittsburgh Postdoctoral Association (UPPDA) 6th Annual Data & Dine Symposium*, Pittsburgh, PA.
17. **Dettmer A.M.**, Lopresti, B.J., Leak, R.K., Rockcastle, N., Zigmond, M.J., Mathis, C.A., Zhang, Z., Cameron, J.L. 2010. Physical Activity Protects the Striatum Against MPTP Damage in Nonhuman Primates. *Society for Neuroscience Annual Meeting*, San Diego, CA.
16. **Dettmer A.M.**, Lopresti B.J., Leak R.K., Rockcastle N.J., Zigmond M.J., Mathis C.A., Zhang Z. Cameron J.L. 2010. The Neuroprotective Effects of Exercise in a Nonhuman Primate Model of Parkinson's Disease. *Parkinson's Disease Foundation Annual Meeting on Exercise and Parkinson's Disease*, Newark, NJ (available upon request).
15. **Dettmer A.M.**, Novak, M.A., Meyer J.M., Vallender, E.J., Miller, G.M., Suomi, S.J. 2010. Influences of Mu Opioid receptor and TPH2 Genotype on HPA Axis Activity and Social Behavior in Differently-Reared Monkeys Across the First Two Years of Life. *Am. J. Primatol.*, 72(S1):39.
14. **Dettmer, A.M.**, Novak, M.A., Meyer, J.S., Suomi, S.J. 2009. Hair Cortisol as a Biomarker for Later Anxiety in Young Rhesus Monkeys. *Devel. Psychobiol.*, 51(7):584.
13. **Dettmer, A.M.**, Novak, M.A., Meyer, J.S., Vallender, E.J., Miller, G.M., Suomi, S.J. 2009. Influence of Rearing Condition and 5-HTTLPR Genotype on the Relationship Between Hair Cortisol and Anxiety After a Major Social Challenge in Rhesus Macaques (*Macaca mulatta*). *Am. J. Primatol.*, 71(S1):88.
12. **Dettmer, A.M.**, Novak, M.F.S.X., Suomi, S.J., Novak, M.A., Meyer, J.S. 2008. Long-term HPA Profile Predicts Object Permanence Performance in Infant Rhesus Macaques (*Macaca mulatta*). *Am. J. Primatol.*, 70(S1):47-8. **(Student Award Honorable Mention)**
11. **Dettmer, A.M.**, Novak, M.A., Meyer, J.S., Suomi, S.J. 2008. Hair Cortisol Concentrations Predict Infant Social Behavior in Differently-Reared Rhesus Macaques (*Macaca mulatta*). *Am. J. Primatol.*, 70(S1):39.
10. Ruggiero, A.M., **Dettmer, A.M.**, Novak, M.A., Meyer, J.S., Suomi, S.J. 2008. Basal Cortisol Levels are Unrelated to Temperament in Rhesus Macaque Infants (*Macaca Mulatta*). *Am. J. Primatol.*, 70(S1):36.
9. Jani, K., **Dettmer, A.M.**, Suomi, S.J., Novak, M.F.S.X., Thierry, B., Timme, A., Meyer, J.S., Novak, M.A. 2008. Hair Cortisol Concentrations in Tonkean (*Macaca tonkeana*) and Rhesus (*M. mulatta*) Macaques, Two Species with Different Levels of Social Tolerance. *Am. J. Primatol.*, 70(S1):33.
8. Novak, M.F.S.X., **Dettmer, A.M.** 2008. Observational Methodologies Symposium: Methods from the Field, Zoo, and Laboratory (symposium). *Am. J. Primatol.*, 70(S1):21.
7. **Dettmer, A.M.**, Ruggiero, A.M., Novak, M.A., Suomi, S.J., Meyer, J.S. 2007. The Use of Hair Cortisol to Measure Chronic Hypothalamic-Pituitary-Adrenal (HPA) Activity in Differently-Reared Infant Rhesus Monkeys (*Macaca mulatta*). *Society for Neuroscience Annual Meeting*, San Diego, CA.
6. **Dettmer, A.M.**, Ruggiero, A.M., Davenport, M.D., Novak, M.A., Meyer, J.S., Suomi, S.J. 2007. Early Rearing Experience and Hypothalamic-Pituitary-Adrenal (HPA) Activity in Infant Rhesus Monkeys (*Macaca mulatta*) After a Separation Challenge. *Am. J. Primatol.*, 69(S1):68.
5. **Dettmer, A.M.** Miracle Max: The Phenomenal Outcomes of the Infant Monkey Miracle Worker. 2006. *Am. J. Primatol.*, 68(S1):44.

4. Houser, L., **Dettmer, A.**, Schatten, G., Hewitson, L. 2006. Early Growth and Developmental Data of Three Naturally Conceived Male Rhesus Macaques (*Macaca mulatta*) Born to ART Dams. *Am. J. Primatol.*, 68(S1):117.
3. **Dettmer, A.M.**, Ruggiero, A.M., Novak, M.A., Suomi, S.J. 2006. The Neurobehavioral Development of Infant Rhesus Macaques (*Macaca mulatta*) Reared on Two Types of Inanimate Surrogate Mothers. *Am. J. Primatol.*, 68(S1):137.
2. **Dettmer, A.M.**, Houser, L.A., Ruppenthal, G.C., Hewitson, L.C., Capuano, S.V., Watchko, J.F., Schatten, G.P. 2004. Early Growth and Developmental Data of Three High-Risk Infant Rhesus Macaques (*Macaca mulatta*). *Am. J. Primatol.*, (62)(S1):60.
1. **Dettmer, A.M.**, Crouthamel, B.J., Ruppenthal, G.C., Sackett, G.P. 2003. Differences in Object Permanence Performance by Baboons (*P.anubis/cynocephalus*) and Pigtailed Macaques (*M. nemestrina*). *Am. J. Primatol.*, (60)(S1):119-20.

TEACHING EXPERIENCE

2017	Behavioral Ecology (Graduate) Hood College, Frederick, MD
2013, 2015, 2017	Comparative Animal Behavior Hood College, Frederick, MD
Fall 2013, 2014, 2015	Becoming an Effective Scientist NICHD Post-baccalaureate Course
Fall 2011	Introduction to Psychology University of Pittsburgh, Pittsburgh, PA Problem Solving & Motivation (<i>Guest Lectures</i>)
Summer, Fall 2010	Anatomy & Physiology (with laboratory component) Community College of Allegheny County, Pittsburgh, PA Adjunct Faculty, Biology Department
Fall 2010	Introduction to Psychology Georgetown University, Washington, DC Psychology of Stress (<i>Guest Lecture</i>)
Summer 2010	Brain & Behavior University of Pittsburgh, Pittsburgh, PA
Summer 2009	Introductory Psychology (Co-Instructor) Northern Virginia Community College, Sterling, VA
Spring 2007	Introductory Psychology Northern Virginia Community College, Sterling, VA Emotion & Perception (<i>Guest Lecture</i>)
Fall 2006, Spring 2007	Junior Writing for Psychology Majors (Evolutionary Psychology) University of Massachusetts, Amherst, MA

STUDENTS ADVISED

<u>Student/Graduation Year</u>	<u>Program/Research Site</u>	<u>Type of Research</u>
Kate Stafford '06	Biology, UMass Amherst	Undergraduate Research
Nicole Bowling (ECU, '07)	NICHD	Post-bacc Research
Kaushal Jani '08	Microbiology, UMass Amherst	Undergraduate Research
Elizabeth Henchey, '10	Biology, UMass Amherst	Undergraduate Research
Elizabeth Stein '11	Psychology, Allegheny College	Undergraduate Research
Alexandra Doyle, '13	Neuroscience, University of Pittsburgh	Undergraduate Research

Ali Noorbaksh, '13	Neuroscience, University of Pittsburgh	Undergraduate Research
Samantha Haynie (VTech, '13)	NICHHD	Post-bacc Research
Kristen Byers, '13	Biology, Hood College	Capstone Project Advisor
Bradley Beauchamp, '14	Neuroscience, University of Pittsburgh	Undergraduate Research
Denisse Guitarra, '14	Biology, Hood College	Capstone Project Advisor
Nejra Isic, '14	Psychology/Biology, Hood College	Capstone Project Advisor
Ashley Murphy, '14	Biology, Hood College	Capstone Project Advisor
Ashley Murphy (Hood, '14)	NICHHD	Post-bacc Research
Lauren Wooddell (OSU, '14)	NICHHD	Post-bacc Research
Emily Slonecker (UMD, '14)	NICHHD	Post-bacc Research
Christopher Catalfamo, '14	Psychology, Hood College	Undergraduate Research
Giuliana Burton, '15	Psychology/Biology, Hood College	Undergraduate Research
Emma Soneson, '16	Ecology & Evol Biology, Yale College	Undergraduate Research
Kathryn Jones, '16	Biology, Hood College	Capstone Project Advisor
Joeseeph Denicola, '16	Biology, Hood College	Undergraduate Research
Stacey Cohen, '16	Psychology/Biology, Hood College	Undergraduate Research
Vanessa Bonetti, '16	NICHHD	Post-bacc Research
Kielee Jennings, '17	Biology, Hood College	Undergraduate Research
Catherine Knight, '17	Biology, Hood College	Undergraduate Research
Janine Bashali, '17	Biology, Hood College	Undergraduate Research
Jay Jefferson	UC Davis/NICHHD	Graduate Research
Cody Bartz	Yale Child Study Center	Postgraduate Research
Hannah Weinberg-Wolf	Cognitive Psychology, Yale University	Graduate Research
Jennifer Murphy '21	Psychology, University of New Haven	Undergraduate Research
Jeremy Otrdige '22	Sociology, Yale College	Undergraduate Research
Mikah Covelli, '22	Psychology, Yale College	Undergraduate Research
Kayla Delapenha, '22*	Psychology, Yale College	Undergraduate Research/ Senior Thesis
(*Earned an A with Distinction; Awarded the Yale Psychology Angier Prize for Undergraduate Research)		
Sarah Valeika, '22	Cognitive Science, Yale College	Undergraduate Research/ Senior Thesis
Michael Waters, '22	Psychology, University of New Haven	Undergraduate Research
Rajani Subramanian, '22	Cognitive Behavioral Neuroscience, College of Wooster (OH)	Undergraduate Research
Katherine Daiy	Anthropology, Yale University	Graduate Research
Chloe Simon, '23	Neuroscience, Yale College	Undergraduate Research/ Senior Thesis
Maria Antonia H. Sendas, '23*	Psychology, Yale College	Undergraduate Research/ Senior Thesis
(*Earned an A with Distinction)		
Eamon Hauser, '23	Psychology, Yale College	Undergraduate Research
Ameena Kapadia, '23	MCDB & Economics, Yale College	Undergraduate Research/ Senior Essay
Christyllis Douglas, '23	Psychology, University of New Haven	Undergraduate Research
Zoey Duan, '26	Psychology, Yale College	Undergraduate Research
Noe Topping, '26	Sociology, Yale College	Undergraduate Research
Yagmur Ozturkoglu, '25	Psychology, Yale College	Undergraduate Research/ Senior Thesis
Mackenzie Perriello, '25	Behavioral Neuroscience, Quinnipiac University	Undergraduate Research
Victor Esparza, '25	Psychology/Music, Sewanee: The University of the South	Yale Child Study Center Summer Internship
Elizabeth Joslin, '24	Anthropology (Biological), Yale College	Undergraduate Research
Maggie Russell, '26	Anthropology (Medical/Global Health),	Undergraduate Research

Sylvia Clouse, '27	Yale College Neuroscience, University of Vermont	Summer Undergraduate Research
Kennedy Odiboh, '25	Ecology & Evolutionary Biology/African Studies, Yale College	Undergraduate Research/ Senior Thesis
Laci Carpenos, '25	Psychology, Tulane University	Summer Undergraduate Research
Ava Kang, '26	Neuroscience, Yale College	Undergraduate Research
Meera Nair, '28	Yale School of Medicine, START@Yale	Mentored Research

PROFESSIONAL MEMBERSHIPS

American Psychological Association
American Society of Primatologists
International Society of Developmental Psychobiology
Society for Behavioral Neuroscience & Comparative Psychology (APA Division 6)
Society for Research in Child Development

PROFESSIONAL SERVICE

2024 – 2027 Faculty Advisory Council, Yale School of Medicine
2024 - 2026 Board of Directors, Public Responsibility in Medicine & Research (PRIM&R)
2021 - 2023 President-Elect, President, & Past-President, Society for Behavioral Neuroscience & Comparative Psychology
2021 - 2023 American Psychological Association (APA) Advocacy Coordinating Committee (ACC)
2021 - 2022 Hartford City Council Universal Basic Income (UBI) Task Force
2020 - Co-Director, Yale Child Study Center Undergraduate Developmental Science Summer Internship
2020 - 2021 Yale Child Study Center Equity & Inclusion Committee
2018 - Yale Child Study Center Associates Planning Committee
2018 - 2022 Yale Child Study Center Networking & Outreach Committee
2018 American Psychological Association (APA) Division 6 Program Co-Chair (Behavioral Neuroscience & Comparative Psychology)
2016 - American Psychological Association's (APA) Coalition for Psychology in Schools and Education, APA Division 6 Representative (Behavioral Neuroscience & Comparative Psychology)
2016-2019 Society for Neuroscience (SfN) Committee on Animals in Research (CAR) Member
2016-2018 Executive Secretary, American Society of Primatologists
2014-2016 NICHD Animal Care and Use Committee
2014-2016 Media Committee, International Society for Developmental Psychobiology
2012-2016 Chair, Education Committee, American Society of Primatologists
2012 Judge, Intel International Science and Engineering Fair (ISEF), Pittsburgh, PA
2011 University of Pittsburgh Center for Neuroscience (CNUP) Outreach and Advocacy Committee
2009-2012 Education Committee Member, American Society of Primatologists
2009-2010 Organizer, Neurobiology of Neurodegenerative Disease Annual Training Grant Retreat, University of Pittsburgh
2007-2010 Program Committee, American Society of Primatologists

OUTREACH & PUBLIC ENGAGEMENT

Public Outreach

2022 *Children's Mental Health Discussion* Hosted by State Rep. Mary Welander & State Sen. James Maroney, CT (virtual)
2019 *A Conversation on Animal Consciousness*, Yale Peabody Science Café, New Haven, CT
2016-present *Speaking of Research*, Senior Editor (www.speakingofresearch.com)
2015-2016 *Science is Fun!* Night, Carroll Creek Montessori Public Charter School, Frederick, MD
2014, 2016 3rd and 4th USA Science & Engineering Festival, *Are You Smarter Than a Monkey?* ASP Booth,

Washington, DC
 2011 University of Pittsburgh Clinical and Translational Science Institutes' (CTSI) Mobile Science Lab
 2010 *The Science of Early Brain Development*, Northumberland Head State Workshop for 55 Early
 Head Start Administrators & Educators, Northumberland, PA
 2009-2010 Mentor, Be a 6th Grade Mentor Program, Pittsburgh, PA
 2009 *Monkey Business!*, Pinebrook Elementary School, Aldie, VA
 2007 *Scientist for a Day!*, Symonds Elementary School, Keene, NH
 2007 *Brains & Monkeys*, Symonds Elementary School, Keene, NH
 2007 *Brain Anatomy & Function*, Oak Grove Elementary School, Brattleboro, VT
 2007 *Brain Awareness Week*, Belchertown High School, Belchertown, MA

Media

2024 "PRIM&R Announces New Board Members for 2024," Article for Public Responsibility in
 Medicine & Research, February 21, 2024, <https://bit.ly/3TnEu9k>
 2023 "Arkansas Lifespan Research Conference Reveals Opportunities," Article for *UAMS*
Translational Research Institute News, October 10, 2023, <https://bit.ly/3ViC3HG>
 2023 "Learning from Children," Interview for *Yale Medicine Magazine*, Issue 170, *100 Years of*
Pediatrics, May 22, 2023, <https://bit.ly/4a6kiPM>
 2022 "This is What Happens to a Student's Brain When Exposed to Gun Violence," Op-Ed for
Education Week, June 27, 2022, <https://bit.ly/3E6RQyX>
 2022 "Studies Show Developmental Setbacks in Pandemic Babies," Interview for *Discover Magazine*,
 February 18, 2022, <https://bit.ly/3LmEDUx>
 2021 "Will Hartford's guaranteed-income experiment reduce stress levels among participants?
 Researchers hoping to screen for stress hormones to find out," Interview for *Hartford*
Courant, November 1, 2021, <https://bit.ly/3zSZCKd>
 2021 "Yale researchers size up the mental health toll of the pandemic," Interview for
Yale News, April 12, 2021, <https://bit.ly/2YO7hec>
 2021 "What is the role of intergenerational early life experience on life outcomes?" Interview for
Evolutionary Parenting Podcast, May 20, 2021, <https://bit.ly/2YLcdR4>
 2020 "Studies with monkeys find early attachment brings generations of benefits," Interview for
Yale News, September 25, 2020, <https://bit.ly/3FN4C5U>
 2019 "Should aging lab monkeys be retired to sanctuaries?" Interview for *Science*, December 5,
 2019, <https://bit.ly/2YJT8zp>
 2019 "New Haven Police implements force-wide, Yale-advised trauma training," Article for *Yale News*,
 April 15, 2019, <https://bit.ly/3v7MO0j>
 2018 "Animal research provides a remarkable return on investment," Op-Ed for *The Hill*, October 28,
 2018, <https://bit.ly/3BzhYjv>
 2018 "White Coat Waste takes aim at animal research — from the right," Interview for *Undark*
Magazine, February 28, 2018, <https://bit.ly/3BEWEsW>
 2017 "Does your child seem stressed to be back at school? Fear not," Blog post for *Psych Learning*
Curve, October 16, 2017, <https://bit.ly/3oTYItA>
 2016 "Why gazing at babies may be so irresistible," Blog post for *The Evolution Institute*, June 14,
 2016, <https://bit.ly/3DCi7DI>
 2016 - Senior Editor, *Speaking of Research* (Blog), www.speakingofresearch.com

EDITORIAL SERVICE

2022 - Editor-in-Chief, *Developmental Psychobiology*

AD HOC REVIEWER

Manuscript Reviewer

Acta Zoologica Bulgarica

American Journal of Human Biology

American Journal of Physical Anthropology
American Journal of Primatology
American Journal of Psychiatry
Animal Behaviour
Animal Cognition
Annals of Epidemiology
Annals of the New York Academy of Sciences
Behavioral Ecology
BMC Pediatrics
Brain Behavior and Immunity
British Journal of Developmental Psychology
Canadian Journal of Zoology
Child Development
Chronic Stress
Current Biology
Current Zoology
Developmental Cognitive Neuroscience
Developmental Psychobiology
eLife
Experimental Results
Frontiers in Psychology
Frontiers in Psychiatry
Infant Behavior and Development
Journal of the American Academy of Child and Adolescent Psychiatry (JAACAP)
Journal of the American Association for Laboratory Animal Science (JAALAS)
Journal of Comparative Psychology
Microbiome
Physiology & Behavior
PLoS One
Psychological Bulletin
Psychoneuroendocrinology

Grant Reviewer

Leakey Foundation
University of Kentucky/Washington University DRC Collaborative Pilot & Feasibility Program
Council for Earth & Life Sciences (Netherlands)
National Science Foundation (NSF) Biological Anthropology Program, SBE/SES (*ad hoc* reviewer)
National Institute on Aging, Special Emphasis Panel, ZAG1 ZIJ-3(M1), Comparative Primate Aging and Longevity