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Education

University of California, Davis, Ph.D., Psychology. March, 1996. Title: Social Influences on Endocrine Regulation and Responsiveness in Squirrel Monkeys (*Saimiri sciureus*).

University of California, Davis, M.A. Psychology. December, 1991.

Wright State University. B.S. Psychology. June 1989.

Professional Experience

2016-present. Senior Lecturer, Department of Psychology, Wright State University.

2010-2016. Lecturer, Department of Psychology, Wright State University.

2001-present. Research Professor, Department of Psychology, Wright State University.

2005-2010. Instructor, Department of Psychology, Wright State University.

2005. Adjunct Instructor, Department of Psychology, The University of Dayton.

1999-2005. Adjunct Professor, Department of Psychology, Wright State University.

1996-1999. Postdoctoral Fellow, Biology Department, University of Virginia.

1996. Postgraduate Researcher, California Regional Primate Research Center, University of California, Davis

1989-1996. Graduate Student Researcher, California Regional Primate Research Center and Psychology Department, University of California, Davis.

1994-1996. Adjunct Professor. Sierra College.

1992-1994. Associate Instructor. Psychology Department, University of California, Davis.

1990-1994. Laboratory Instructor. Psychology Department, University of California, Davis.

1989-1994. Teaching Assistant. Psychology Department, University of California, Davis.

1988-1989. Honors Research Assistant. Department of Psychology, Wright State University.

Grants, Honors, and Awards

- 2020-2023 Co-Principal Investigator, Mechanisms of neuroinflammatory burden following early-life stress, NICHD HD100825-01. Co-PI. National Institutes of Child Health and Development.
- 2019 Faculty Who Make a Difference, nomination by a student athlete/award from Athletics Department, Wright State University, Dayton, Ohio.
- 2016-2018 Co-Principal Investigator, Increasing desirable behavior in shelter dogs: Influences of human interactions and prior level of stress, The Waltham Foundation.
- 2013-2017 Co-Principal Investigator, MH068228-04, Stress-induced sickness behavior during social separation: implications for depression, National Institutes of Mental Health.
- 2013-2015 Co-Principal Investigator, Developing a practical means of reducing stress in shelter dogs, The Waltham Foundation.
- 2014 Equality Ohio Education Mini-Grant, 2014 (written to co-sponsor Laverne Cox's Presidential Lecture).
- 2011-2015 Co-Principal Investigator, IOS-1120932, Mechanisms of social buffering of hypothalamic-pituitary-adrenal responses, National Sciences Foundation.
- 2009-2011 Co-Principal Investigator, AREA Grant MH0885222, Stress-induced sickness during social separation: Implications for depression. National Institutes of Mental Health.
- 2009-2011 Co-Principal Investigator, Hope for Depression Foundation Grant. Site-specific CNS stimulation of depressive symptoms and proinflammatory activity.
- 2008 Presidential Award for Excellence, Outstanding Instructor, Wright State University.
- 2007 Award for Excellence in Teaching with Writing, Writing Across the Curriculum Program, Wright State University.
- 2005-2008 Co-Principal Investigator, AREA Grant MH068228, Stress-induced sickness During Social Separation: Implications for Depression, National Institutes of

Mental Health.

- 2005 Consultant, Antidepressant Effects on Sickness Behavior in Guinea Pig Pups, Glaxo-Smith-Kline.
- 2003-2005 Co-principal Investigator, AREA Grant, R15MH68228, Stress-induced Sickness Behavior During Separation, National Institutes of Mental Health.
- 2002-2003 Principal Investigator, Influences of Diet on Behavioral Adaptation to Shelter Living in Dogs, The Iams Company
- 1996-1999 National Research Service Award, National Institutes of Mental Health.
- 1996 Postdoctoral Fellowship, Cell and Molecular Physiology of Reproduction, University of Virginia.
- 1993-1994 Graduate Studies Fellowship, University of California.
- 1990-1993 Graduate Research Fellowship, National Science Foundation.
- 1990, 1992 Grant-in-Aid of Research, Sigma Xi.
- 1989-1990 Nonresident Tuition Fee Fellowship, University of California.
- 1985-1989 Valedictorian/Salutatorian Scholarship, Wright State University.

Professional Service

2021. Member, Ad Hoc Committee on Equality, Inclusion, and Diversity for Faculty Senate, Wright State University, Dayton, Ohio.
- 2020-present. Member, University Honors Committee and University Honors Scholarship Committee, Wright State University, Dayton, Ohio.
2020. Member, Senior Lecturer Promotion Committee, College of Science and Mathematics, Wright State University, Dayton, Ohio.
- 2019-present. Member, Sinclair Community College Psychology Department Advisory Board, Sinclair Community College, Dayton, Ohio.
- 2018-present. Member, Student Conduct Panel, Office of Community Standards and Student Conduct, Wright State University, Dayton, Ohio.

2018-present. Advisor, Out In Stem (oSTEM). Office of LGBTQA Affairs, Wright State University, Dayton, Ohio.

2017-present. Chair, Harry Davis, Jr., Ph.D., Memorial Scholarship Committee, Wright State University, Dayton, Ohio.

2016-present. Member, Petitions Committee, College of Science and Mathematics, Wright State University, Dayton, Ohio.

2012-present. Member, Petitions Committee, Department of Psychology, Wright State University, Dayton, Ohio.

2011-present. Member, Bias Incident Response Team, Wright State University, Dayton, Ohio.

2011-present. Member, Wright State Allies: Organization for Gay, Lesbian, Bisexual, Transgender Questioning, and Ally Faculty and Staff, Wright State University, Dayton, Ohio.

2010-present. Alternate Member, Laboratory Animal Care and Use Committee, Wright State University, Dayton, Ohio.

2006-present. Advisor, Behavioral Neuroscience Concentration, Department of Psychology, Wright State University, Dayton, Ohio. Advised undergraduates concentrating in behavioral neuroscience, assisted in development of official concentration, assisted in oversight and management of concentration.

2016-2018. Co-chair, Bias Incident Response Team, Wright State University, Dayton, Ohio.

2017-2018. Member, University Diversity Committee, Wright State University, Dayton, Ohio.

2015-2016. Co-chair, Wright State Allies: Organization for Gay, Lesbian, Bisexual, Transgender Questioning, and Ally Faculty and Staff, Wright State University, Dayton, Ohio.

2015-2016. Member, LGBTQA+ Advisory Board, Wright State University, Dayton, Ohio.

2015. Member, Search Committee, LGBTQA Program Director, Wright State University, Dayton, Ohio.

2014. Member, Search Committee, Neuroscience Instructor and Program Director, Wright State University, Dayton, Ohio.

2012-2014. Community Advisory Committee, University Honors Program, Wright State University, Dayton, Ohio.

- 2012-2013. Steering Committee Member, Technology Subcommittee, University Assessment (Higher Learning Commission Academy for Assessment of Student Learning), Wright State University, Dayton, Ohio.
2011. Member, Local Arrangements Committee, Ohio-Miami Valley Chapter of the Society for Neuroscience, Dayton, Ohio.
- 2010-2012. Undergraduate Curriculum & Development Committee, Department of Psychology, Wright State University, Dayton, Ohio.
- 2007-2008. University Committee for Ethical Standards in the Conduct of Research, Wright State University, Dayton, Ohio.
- 2004-2007, 2009. Exploring Science/STEMM (program for jr. high school students), College of Science and Mathematics, Wright State University, Dayton, Ohio.
1995. Local Arrangements Committee (signage subcommittee), Society for the Study of Reproduction, Davis, California.
- 1992, 1993. Graduate Admissions and Fellowship Committee, Psychology Department, of California, Davis.
- 1992-1994. Undergraduate Seminar for Admission to Graduate School, Psychology Department, University of California, Davis.
1992. Brochure Committee, Psychology Department, University of California, Davis.
1990. Local Arrangements Committee (chair of registration subcommittee), American Society of Primatologists, Davis, California.

Public Service

- 2019 The STEM Experience (outreach and recruiting event for area high school students), College of Science and Mathematics, Wright State University.
- 2019 Neuroscience outreach for Chaminade-Julienne High School, Dayton, Ohio.
- 2019 Sexual diversity awareness training for Free Mom Hugs-Ohio. Fairborn, Ohio.
- 2017 Neuroscience presentation to Preble County Library Home School Hour Program, Eaton, Ohio (Magrace Landwehr, coordinator).
- 2015 Sexual consent, sexuality, and gender identity. Oral presentation with discussion. Girl Scouts, Fairborn, Ohio (Andrea Wintrow, advisor).

- 2013 Science Night participant, Twin Valley Elementary School, West Alexandria, Ohio
- 2011-2015 LGBTQA+ Community Engagement Room (volunteer), Wright State University, Dayton, Ohio.
- 2011, 2012 Pub Science Speaker for the Boonshoft Museum of Discovery.
- 2006, 2009, 2010, 2012 Alpha Kappa Sorority Scholarship Committee, West Alexandria, Ohio.
- 1996 Women Who Love Science Day, Patwin Elementary, Davis, California.
- 1995, 1996 Primate Research (presentation to fifth-grade students), Plainfield Elementary, Woodland, California.
- 2003, 1999, 1988, 1987 Judge, County High School Science Fair, Preble County, Ohio.

Publications

Hennessy, M. B., Willen, R. M., and Schiml, P. A. (2020). Psychological stress, its reduction, and long-term consequences: What studies with laboratory animals might teach us about life in a dog shelter. *Animals, 10*, 1-16.

Hennessy, M. B., Sensenbaugh, J. D., Molina, A. L., Schiml, P.A., and Deak, T. (2020). Presence of mother prompts dissociation of sickness behavior, fever, and hypothalamic gene expression in lipopolysaccharide-injected guinea pig pups. *Developmental Psychobiology, 62*, 749-757.

Hennessy, M. B., Tai, F., Carter, K. A., Watanasriyakul, W. T., Gallimore, D. M., Molina, A. I., and Schiml, P. A. (2019). Central oxytocin alters cortisol and behavioral responses of guinea pig pups during isolation in a novel environment. *Physiology and Behavior, 212*, 1-7.

Hennessy, M. B., Schiml, P. A., Berberich, K., Beasley, N., and Deak, T. (2019). Early attachment disruption, inflammation, and vulnerability for depression in rodent and primate models. *Frontiers in Neuroscience, 12*, 1-11.

Willen, R. M., Schiml, P. A., and Hennessy, M. B. (2019). Enrichment centered on human interaction moderates fear-induced aggression and increases positive expectancy in fearful shelter dogs. *Applied Animal Behavior, 217*, 57-62.

Hennessy, M. B., Deak, T., Sensenbaugh, J. D., Gallimore, D. M., Garybush, A. M., Mondello, J. E., and Schiml, P. A. (2019). Central neuroimmune and depressive-like behavioral responses to repeated maternal separation and injection of LPS. *Physiology and Behavior*, *199*, 366-374.

Hennessy, M. B., Watanasriyakul, W. T., Price, B. C., Bertke, A. S., and Schiml, P. A. (2018). Adult males buffer the cortisol response of young guinea pigs: Changes with age, mediation by behavior, and comparison with prefrontal activity. *Hormones and Behavior*, *98*, 165-172.

Boivin, G. F., Bottomley, M. A., Schiml, P. A., Goss, L., and Grobe, N. (2017). Physiologic, behavioral, and histologic responses to various euthanasia methods in C57BL/6NTac male mice. *Journal of the American Association for Laboratory Animal Science*, *56*, 1-10.

Willen, R. M., Mutwill, A., MacDonald, L. J., Schiml, P. A., and Hennessy, M. B. (2016). Factors determining the effects of human interaction on the cortisol levels of shelter dogs. *Applied Animal Behavior Science*, *186*, 41-48.

Hennessy, M. B., Schreibeis, A., D., Schiml, P. A., Deak, T. (2016). Maternal separation increases later immobility during forced swim in guinea pig pups: Evidence for sensitization of a depressive-like state. *Developmental Psychobiology*, *59*, 128-132.

Boivin, G. P., Bottomly, M. A., Dudley, E. S., Schiml, P. A., Wyatt, C. N., and Grobe, J. (2016). Physiological, behavioral, and histological responses of male C57/BL/6N mice to different CO2 chamber replacement rates. *Journal of the American Association for Laboratory Animal Science*, *55*, 451-461.

Dudley, E. S., Schiml, P. A., and Hennessy, M. B. (2015). Effects of repeated petting sessions on leukocyte counts, intestinal parasite prevalence, and plasma cortisol concentration of dogs in a county animal shelter. *Journal of the American Veterinary Medical Association*, *247*, 1289-1296.

Hennessy, M. B., Stafford, N. P., Yusko-Osborne, B., Schiml, P. A., Xanthos, E. D., and Deak, T. (2015). Naproxen attenuates sensitization of depressive-like behavior and fever during maternal separation. *Physiology & Behavior*, *139*, 34-40.

Hennessy, M. B., Schiml, P. A., Willen, R., Watanasriyakul, W., Johnson, J., and Garrett, T. (2015). Selective social buffering of behavioral and endocrine responses and Fos induction in the prelimbic cortex of infants exposed to a novel environment. *Developmental Psychobiology*, *57*, 50-62.

Hennessy, M. B., Deak, T., and Schiml, P. A. (2014). Sociality and sickness: Have cytokines evolved to serve social functions beyond times of pathogen exposure? *Brain, Behavior, and Immunity*, *37*, 15-20.

Claflin, D. I., Schiml, P. A., Kardegar, N., Caudill, J., Floyd, R., Deak, T., Panksepp, J., and Hennessy, M. B. (2013). Responses of guinea pigs to brain stimulation during isolation:

examining the transition from “protest” to depressive-like responding. *Neurology, Psychiatry, and Brain Research*, 19, 67-75.

Shiverdecker, M., Schiml, P. A., and Hennessy, M. B. (2013). Human interaction moderates plasma cortisol and behavioral responses of dogs to shelter housing. *Physiology & Behavior*, 109, 75-79.

Hennessy, M. B., Jacobs, S., Schiml, P. A., Hawk, K., Stafford, N. Deak, T. (2013). Maternal inhibition of infant behavioral response following isolation in novel surroundings and inflammatory challenge. *Developmental Psychobiology*, 55, 395-403.

Yusko, B., Hawk, K., Schiml, P.A., Deak, T., and Hennessy, M.B. (2012). Sensitization of depressive-like behavior during repeated maternal separation is associated with more-rapid increase in core temperature and reduced plasma cortisol levels. *Physiology & Behavior*, 105, 861-867.

Schneider, R.L., Schiml, P.A., Deak, T., and Hennessy, M.B. (2012). Persistent sensitization of depressive-like behavior and thermogenic response during maternal separation in pre- and post-weaning guinea pig pups. *Developmental Psychobiology*, 54, 514-522.

Hennessy, M.B., Paik, K.D., Caraway, J. D., Schiml, P.A., and Deak, T. (2011). Proinflammatory activity and the sensitization of depressive-like behavior during maternal separation. *Behavioral Neuroscience*, 125, 426-433.

Hennessy, M.B., Fitch, C., Jacobs, S., Deak, T., and Schiml, P.A. (2011). Behavioral effects of peripheral corticotropin-releasing factor during maternal separation may be mediated by proinflammatory activity. *Psychoneuroendocrinology*, 36, 996-1004.

Hennessy, M.B., Deak, T., Schiml-Webb, P.A., Carlisle, C. W., and O’Brien, E. (2010). Maternal separation produces, and a second separation enhances, core temperature and passive behavioral responses to maternal separation in guinea pig pups. *Physiology & Behavior*, 100, 305-310.

Hennessy, M.B., Deak, T., & Schiml-Webb, P.A. (2010). Early attachment-figure separation and increased risk for later depression: potential mediation by proinflammatory processes. *Neuroscience and Biobehavioral Reviews*, 34, 782-790.

Hennessy, M.B., Schiml-Webb, P.A., and Deak, T. (2009). Separation, sickness, and depression: a new perspective on an old animal model. *Current Directions in Psychological Science*, 18, 227-231.

Perkeybile, A. M., Schiml-Webb, P. A., O’Brien, E. Deak, T., and Hennessy, M. B. (2009). Anti-inflammatory influences on behavioral, but not cortisol, responses during maternal separation. *Psychoneuroendocrinology*, 34, 1101-1108.

Schimpl-Webb, P. A., Miller, E., Hennessy, M. B., and Deak, T. (2009). Alpha-melanocyte stimulating hormone reverses behavioral effects of corticotropin-releasing factor. *Developmental Psychobiology*, *51*, 399-407.

Hennessy, M. B., Deak, T., Schimpl-Webb, P. A., and Barnum, C. J. (2007). Immunological influences on behavioral and endocrine responses during early development. In M. T. Czerbska (Ed.), *Psychoneuroendocrinology Research Trends* (pp. 293-319). Hauppauge, NY: Nova Scientific Publishers.

Hennessy, M. B., Schimpl-Webb, P. A., Miller, E. E., Maken, D. S., Bullinger, K. L., and Deak, T. (2007). Anti-inflammatory agents attenuate the passive responses of guinea pigs: Evidence for stress-induced sickness behavior during separation. *Psychoneuroendocrinology*, *32*, 508-515.

Schimpl-Webb, P. A., Deak, T., Greenlee, T. M., Maken, D. S., and Hennessy, M. B. (2006). Alpha melanocyte stimulating hormones reverses postulated stress-induced sickness behaviors in isolated guinea pig pups. *Behavioural Brain Research*, *168*, 326-330.

Hennessy, M. B., Maxwell, H. R., Wilson, S. E., Maken, D. S., and Schimpl-Webb, P. A. (2005). Increases in the circulating testosterone of maturing male guinea pigs appear neither necessary nor sufficient for heightened maternally directed sexual and social/courtship behavior. *Hormones and Behavior*, *47*, 319-325.

Hennessy, M. B., Deak, T., Schimpl-Webb, P. A., Wilson, S. E., Greenlee, T. M., and McCall, E. (2004). Responses of guinea pigs pups during isolation in a novel environment may represent stress-induced sickness behaviors. *Physiology and Behavior*, *81*, 5-13.

Hennessy, M. B., Deak, T., Schimpl-Webb, P. A. (2001). Stress-induced sickness behaviors: an alternative hypothesis to maternal separation. *Developmental Psychobiology*, *39*, 76-83.

Schimpl, P. A. and Rissman, E. F. (2000). Effects of gonadotropin-releasing hormones, corticotropin-releasing hormone, and vasopressin on female sexual behavior. *Hormones and Behavior*, *37*, 212-220.

Schimpl, P. A., Wersinger, S. R., and Rissman, E. F. (2000). Behavioral activation of the female neuroendocrine axis. In Wallen, K. and Schneider, J. (Eds.) *Reproduction in Context*, MIT Press.

Schimpl, P. A. and Rissman, E. F. (1999). Cortisol facilitates female sexual behavior in the musk shrew (*Suncus murinus*). *Behavioral Neuroscience*, *113*, 166-175.

Schimpl, P. A., Douris, N., Isaac, A. C., and Rissman, E. F. (1999). Temporal aspects of female musk shrew sexual behavior. *Journal of Comparative Psychology*, *113*, 85-90.

Schiml, P. A., Mendoza, S. P., Saltzman, W., Lyons, D. M., and Mason, W. A. (1999). Annual physiological changes in individually housed squirrel monkeys (*Saimiri sciureus*). *American Journal of Primatology*, *47*, 93-103.

Tai, V. C., Schiml, P. A., Li, X., and Rissman, E. F. (1997). Behavioral interactions have rapid effects on neuronal processing of gonadotropin-releasing hormones. *Brain Research*, *772*, 87-94.

Schiml, P. A., Mendoza, S. P., Saltzman, W., Lyons, D. M., and Mason, W. A. (1996). Seasonality in squirrel monkeys (*Saimiri sciureus*): Social facilitation by females. *Physiology and Behavior*, *60*, 1105-1113.

Mendoza, S. P., Saltzman, W., Lyons, D. M., Schiml, P. A. and Mason, W. A. (1991). Within-sex relationships in squirrel monkeys regulate pituitary-adrenal activity. In A. Ehara, T. Kimura, O. Takenaka, and M. Iwamoto, (Eds.), *Primate Today*. Elsevier: New York. pp. 443-446.

Schiml, P. A. and Hennessy, M. B. (1990). Light-dark variation and changes across the lactational period in the behaviors of undisturbed mother and infant guinea pigs (*Cavia porcellus*). *Journal of Comparative Psychology*, *104*, 283-288.

Hennessy, M. B., Tamborski, A., Schiml, P., and Lucot, J. (1989). The influences of maternal separation of plasma concentrations of ACTH, epinephrine, and norepinephrine in guinea pig pups. *Physiology and Behavior*, *45*, 1147-1152.

Presentations at Meetings

Hennessy, M.B., Schiml, P.A., Deak, T., Capitanio, J.P., & Kinnally, E.L. (2020). Rodent and nonhuman primate models of attachment disruption and inflammatory-mediated depression. International Society for Developmental Psychobiology, Virtual meeting.

Hennessy, M. B., Sensenbaugh, J. D., Bell, A., Schiml, P. A., and Deak, T. (2019). Presence of mother prompts apparent adaptive dissociation of neuroinflammatory, febrile, and behavioral responses of guinea pig pups in a threatening environment, International Society for Developmental Psychobiology, Chicago, IL.

Hennessy, M. B., Deak, T., Sensenbaugh, J. D., Gallimore, D. M., Garybush, A. M., Mondello, J. E., and Schiml, P. A. (2018). Central neuroimmune responses and depressive-like behavior during repeated maternal separation. International Society for Developmental Psychobiology, San Diego, CA.

Hennessy, M. B., Schiml, P. A., and Deak, T. (2017). To call or not to call: Assessing the determinants of vocalizing by isolated guinea pig pups. International Behavioral Neuroscience Society. Hiroshima, Japan.

Schimpl, P., Alcorn, S., Alcorn, K., and Chriswell. (2017). Sexual fluidity and changing labels: How sexual self-identity changes over time. Greater Dayton LGBTQA+ Youth Summit. Dayton, Ohio.

Dudley, E. S., Schimpl, P. A., and Hennessy, M. B. (2016). The effects of shelter housing on canine immune parameters, and impact of human interaction. American Association for Laboratory Animal Science, annual meeting, Cincinnati, OH.

Floyd, R., Schimpl, P.A., and Hennessy, M.B. (2011). Does continuous activation of the BNST induce the onset of passive phase behavior? Ohio-Miami Valley Chapter of the Society for Neuroscience, Dayton, OH.

Schneider, R.L., Schimpl, P.A., and Hennessy, M.B. (2011). Persisting sensitization of depressive-like behavior and thermogenic responses during maternal separation in pre- and post-weaning guinea pigs. Ohio-Miami Valley Chapter of the Society for Neuroscience, Dayton, OH.

Yusko, B., Hawk, K., Schimpl, P.A., Deak, T., and Hennessy, M.B. (2011). Evidence for sensitization of depressive-like behavior and core temperature responses during maternal separation in guinea pig pups. Ohio-Miami Valley Chapter of the Society for Neuroscience, Dayton, OH.

Perkeybile, A., Schimpl-Webb, P.A., O'Brien, E., Deak, T., and Hennessy, M.B. (2008). Interleukin-10 reduces passive behaviors but not cortisol levels of isolated guinea pig pups. Midwestern Psychological Association (undergraduate student division), Chicago, IL

Hennessy, M.B., Deak, T., Schimpl-Webb, P.A., Carlisle, C., and O'Brien, E. (2008). A second, daily maternal separation evokes a separation-specific rise in core temperature and sensitized behavioral response in guinea pig pups. International Society for Developmental Psychobiology, Washington, D.C.

Hennessy, M.B., Deak, T., and Schimpl-Webb, P.A. (2008). Stress, sickness, and maternal separation. International Society for Psychoneuroendocrinology, Dresden, Germany. Symposium title: New Developments in Developmental PNE: in recognition of the legacy and contributions of Seymour (Gig) Levine.

Schimpl-Webb, P. A., Perkeybile, A., O'Brien, E., Deak, T., and Hennessy, M. B. (2007). Interleukin-10 reduces passive behaviors of isolated guinea pig pups. Poster presentation at the annual meeting of the International Society for Developmental Psychobiology, San Diego, CA.

Hennessy, M. B., Schimpl-Webb, P. A., Miller, E. E., and Deak, T. (2006). Alpha-MSH attenuates passive responses induced by CRF and LPS in isolated guinea pig pups. Presentation at the annual meeting of the International Society of Developmental Biology, Atlanta, GA.

Schimpl-Webb, P. A., Deak, T., Miller, E. E., and Hennessy, M. B. (2005). Alpha melanocyte-stimulating hormone reverses corticotropin-releasing hormone-induced sickness behaviors in

infant guinea pigs. Poster presentation at the annual meeting of the Society for Behavioral Neuroendocrinology, Austin, Texas.

Schiml-Webb, P. A., Hennessy, M. B., Hawke, J., Voith, V. L., Linden, F., and Davenport, G. M. (2003). Physiological adaptation to shelter living in dogs. Poster presentation at the annual meeting of the Society for Behavioral Neuroendocrinology, Cincinnati, Ohio.

Schiml, P. A. and Rissman, E. F. (1999). The effects of intracerebroventricular infusion of corticotropin-releasing hormone and vasopressin on sexual behavior in female musk shrews (*Suncus murinus*). Poster presentation at the annual meeting of the Society for Behavioral Neuroendocrinology, Charlottesville, Virginia.

Schiml, P. A., Li, X., and Rissman, E. F. (1998). The effects of intraventricular infusion of GnRH on female sexual behavior. Poster presentation at the annual meeting of the Society for Neuroscience, Los Angeles, California.

Schiml, P. A. and Rissman, E. F. (1998). Pacing does not alter sexual behavior or fertility in female musk shrews (*Suncus murinus*). Poster presentation at the annual meeting of the Society for Neuroscience, Atlanta, Georgia.

Schiml, P. A. and Rissman, E. F. (1997). A potential facilitatory role of glucocorticoids in female reproduction. Poster presentation at the annual meeting of the Society for Neuroscience, New Orleans, Louisiana.

Schiml, P. A. and Rissman, E. F. (1997). Glucocorticoids and sexual receptivity in female musk shrews (*Suncus murinus*). Poster presentation at the annual meeting of the Society for Behavioral Neuroendocrinology, Baltimore, Maryland.

Schiml, P. A. and Mendoza, S. P. (1996). Distant social cues regulate seasonality in individually-housed squirrel monkeys (*Saimiri sciureus*). Paper presentation at the annual meeting of the American Society of Primatologists, Madison, Wisconsin.

Schiml, P. A. and Mendoza, S. P. (1994). Social influences on seasonal changes in adrenocortical and testicular functioning in adult male squirrel monkeys (*Saimiri sciureus*). Paper presentation at the annual meeting of the Midwest Psychological Association, Chicago, Illinois.

Schiml, P. A. and Hennessy, M. B. (1990). Light-dark variation and changes across the lactational period in the behaviors of undisturbed mother and infant guinea pigs. Poster presentation at the annual meeting of the International Society for Developmental Psychobiology, San Francisco, California.

Schiml, P. A., Hennessy, M. B., Tamborski, A., and Lucot, J. (1988). Effects of maternal separation on plasma levels of ACTH, norepinephrine and epinephrine in infant guinea pigs.

Poster presentation at the annual meeting of the International Society for Developmental Psychobiology, Toronto, Ontario, Canada.

Invited Presentations

Stress buffering: practical considerations. April 7, 2019. Guest speaker on “Ask the Experts” for local radio 1290 AM, Dayton, Ohio.

The Science of Love. 2014. Invited presentation for the Boonshoft Museum of Discovery’s adult outreach program, Pub Science. Dayton, OH.

The Science of Love. 2012. Invited presentation for the Boonshoft Museum of Discovery’s adult outreach program, Pub Science. Dayton, OH.

Love drives us. 2011. Invited presentation for the Boonshoft Museum of Discovery’s adult outreach program, Pub Science. Dayton, OH.

Interactions between stress-responsive and reproductive systems. 1997. Paper presented at the annual meeting of the Midwest Psychological Association, Chicago, Illinois.

Thesis and Dissertation Committees

Alexander Bertke (M.S.). Social buffering by unfamiliar adult males in periadolescent guinea pigs (*Cavia porcellus*): The effects on HPA axis activity and Fos induction in the medial prefrontal cortex, 2019. Member.

Emily Chriswell (B.S. Undergraduate Honors Thesis). Characteristics and behaviors of heterosexual men who have sex with men, 2019. Co-chair.

Jennifer N. Baumgartner (Ph.D.). Exploring the influence of meditation experience on stress responses and empathy: The mediating role of self-expansion, 2018. Member.

Ryan G. Rose (Psy.D.). Why I left: Experiences of lesbian, gay, bisexual, and queer experience of disaffiliation within Christian congregations, 2017. Member.

H. R. Downey (M.A.). Removing homosexuality from Sodom: Contextualizing Genesis 19 with other Biblical rape narratives, 2017. Member.

Emily Buerschen. (M.S.). The elevated prevalence of polycystic ovarian syndrome in homosexual women and its clinical implications, 2017. Member.

Thomas Taylor (M.S.). The neurobiology of psychopathy, 2017. Member.

Amanda Schreibeis (M.S.). Cross sensitization of depressive-like behavior between two depression-related paradigms: Maternal separation and its effect on the force swim test in the guinea pig, 2016, Co-chair.

Withayapon Watanasriyakul (M.S.). Social buffering by unfamiliar adult males in preweaning guinea pigs: The effects on HPA activity and Fos induction in the medial prefrontal cortex, 2016. Co-chair

Judson Palmer (Psy.D.). Gender role conflict and offense type, 2015. Member.

Regina Willan (M.S.). Factors determining the effects of human interaction on the cortisol levels of shelter dogs, 2015. Co-chair.

Evan Xanthos (M.S.). Angiotensin receptor blocker and its effects on depressive-like behavior during maternal separation, 2015. Co-chair.

Alexis Garybush (B.S. Undergraduate Honors Thesis). Role of the medial amygdala during maternal separation in guinea pig pups, 2014. Chair.

Withayapon Watanasriyakul (B.S. Undergraduate Honors Thesis). C-fos immunoreactivity in medial amygdala during maternal separation and social buffering in guinea pig pups, 2013. Co-chair.

Jennifer Dazey Caudill (M.S.). Influence of daily electrical stimulation of periaqueductal grey on vocalization and depressive-like behavior during separation in guinea pigs, 2012. Co-chair.

Vincent Alexander (M.S.). The role of corticotropin-releasing factor in the behavior and proinflammatory activity of separated guinea pig pups, 2012. Co-chair.

Nadia Kardegar (M.S.). Electrical brain stimulation and depressive-like behavior in guinea pigs, 2012. Co-chair.

Randi L. Schneider (M.S.). Persisting sensitization of depressive-like behavior and thermogenic response during maternal separation in pre-and post-weaning guinea pigs, 2011. Co-chair.

Jessie D. Caraway (M.S.), Sensitization of the behavioral response to maternal separation: persistence of the effect and role of proinflammatory activity, 2010. Co-chair.

Deborah Maken (Ph.D.), Central mechanisms regulating pituitary-adrenal activity in infant guinea pigs (*Cavia porcellus*) during exposure to psychological stressors: Independent and combined effects of maternal separation and novelty, 2009. Co-chair.

Kristopher D. Paik (M.S.), Inhibition of proinflammatory processes reduces sensitization of the behavioral response to maternal separation, 2009. Co-chair.

Keely O'Connell (M.S.), Stress-reducing effects of oxytocin in a maternal separation paradigm, 2008. Co-chair.

Course Preparations

Behavioral Neuroscience
Behavioral Neuroscience Methods
Sensory Processes
Human Sexuality
Hormones and Behavior
Psychology of Health Behavior

Introductory Psychology
Animal Behavior (capstone)
Sexuality & Endocrinology (capstone)
The Neuroscience of Disability (graduate)
Physiological Psychology (graduate)