Christine K. Wagner, Ph.D.

Academic Affairs – Office of the Provost
Department of Psychology/Center for Neuroscience Research
University at Albany – State University of New York
Albany, NY 12222
518-956-8031 (office); 518-421-9209 (cell); cwagner@albany.edu

EDUCATION

1991	**Ph.D.** Neuroscience, Michigan State University, East Lansing, Michigan, Mentor: Dr. Lynwood G. Clemens
1984	**B.A**. Major: Psychology, Minors: Biology/Chemistry, State University of New York at Albany, Albany, New York

PROFESSIONAL EXPERIENCE

2023-	Vice Provost and Dean of the Graduate School, University at Albany – SUNY, Albany, NY
2021-2023	Associate Vice Provost for Faculty Development, University at Albany – SUNY, Albany, NY
2020-2021	Graduate Director of Psychology, University at Albany – SUNY, Albany, NY
2019-2021	Provost's Fellow for Faculty Development, University at Albany – SUNY, Albany, NY
2015-2018	Chair, Department of Psychology, University at Albany – SUNY, Albany, NY
2010-	Professor, Department of Psychology & Adjunct Professor of Biology, University at Albany - SUNY, Albany, NY
2003 - 2010	Associate Professor, Department of Psychology & Adjunct Associate Professor of Biology, University at Albany - SUNY, Albany, NY
2001- 2003	Assistant Professor, Department of Psychology & Center for Neuroscience Research, University at Albany - SUNY, Albany, NY
1997-2000	Visiting Assistant Professor, Department of Psychology, Neuroscience and Behavior Program, University of Massachusetts, Amherst, MA
1995-1997	Research Associate, Department of Psychology, University of Massachusetts, Amherst, MA
1995-1996	Research Associate, Center for Molecular & Behavioral Neuroscience, Rutgers University, Newark, NJ
1992-1995	Postdoctoral Fellow, Center for Molecular and Behavioral Neuroscience, Rutgers University, Newark, NJ; Dr. Joan I. Morrell, Sponsor
1991-1992	Postdoctoral Fellow, Department of Pharmacology/Toxicology, Michigan State University, East Lansing, Michigan; Dr. Kenneth Moore and Dr. Keith Lookingland, advisors

1986-1991 Graduate Student, Neuroscience Program/Department of Zoology, Michigan State University, East Lansing, Michigan; Dr. Lynwood Clemens, Advisor

HONORS & AWARDS

2021 Chancellor's Award for Excellence in Scholarship and Creative Activities, State University of New York

2021 Editorial Board, Hormones & Behavior, Official Journal of the Society for Behavioral Neuroendocrinology, *ranked 12th of 53 journals in behavioral science*

2020 President's Award for Excellence in Research, University at Albany

2018 Advisory Board Member for the Society for Behavioral Neuroendocrinology

2017 Chancellor's Award for Excellence in Faculty Service, State University of New York

2016 President's Award for Excellence in Academic Service, University at Albany

2014 University at Albany Student Association, Outstanding Faculty Award

2011 Chancellor's Award for Excellence in Teaching, State University of New York

2011 President's Award for Excellence in Teaching, University at Albany

2011 Dean's Award for Outstanding Achievement in Teaching, College of Arts and Sciences, University at Albany

2009-2011 Elected Secretary to the Society for Behavioral Neuroendocrinology

2009-2011 Appointed to Editorial Board of *Endocrinology* (Impact Factor: 5.255), an official journal of the Endocrine Society

2009 Scientific Consultant to the Centers for Disease Control, US Medical Eligibility Criteria for Contraceptive Use, Atlanta, GA

2008 Scientific Consultant to the World Health Organization, Guideline Steering Group on Hormonal Contraceptive Use during Lactation and Effects on the Neonate, Geneva, Switzerland

2004-2009 Appointed to Editorial Board of *Experimental Biology and Medicine,* the Official Journal of the Society of Experimental Biology and Medicine

2000 Faculty Grant for Teaching, Course: "Frontiers in Neuroscience" from Center for Teaching, University of Massachusetts, Amherst

GRANT SUPPORT

Current

2018-2024 National Institute of Child Health and Human Development, **PI: Christine Wagner.** "Cortical and Cognitive Development following Synthetic Progestin Exposure" Total Costs $1,612,348 (*3rd year no cost extension due to COVID*).

2021-2024 National Science Foundation ADVANCE Adaptation, PI: Havidan Rodriguez, President, University at Albany; **Co-PIs: Christine Wagner** Elga Wulfert, Marlene Belfort, Mindy Larsen. "Project SAGES: Striving to Achieve Gender Equality in STEM at University at Albany" Total Costs: $1,000,000.

2023-2028 National Institute of General Medical Sciences, co-PI. "Maximizing Access to Research Careers (MARC) at the University at Albany (T34)" Total Costs: $1.6 million

Completed

2018-2022 National Institute of Child Health and Human Development, **PI: Christine Wagner**. "Progesterone Receptor and Sex Differences in Neural Development and Behavior" Total Costs $413,923

2016-2018 Faculty Research Award Program Seed Grant, University at Albany, **PI: Christine Wagner**. "Sex Differences in Gene Expression in Developing Brain" Total Cost $10,000.

2014-2016 National Institute of Child Health and Human Development, **PI: Christine Wagner**. "Synthetic Progestin Exposure & Mesocortical Dopamine System Development" Total Costs: $413,197.

2011-2014 National Science Foundation, **PI: Christine Wagner**: "The Role of Progesterone Receptor in Neural Development" Total Costs: $465,000.

2005-2011 March of Dimes Foundation for Birth Defects, **PI: Christine Wagner, "**The Role of Maternal Progestins in Cortical and Cognitive Development", Total Costs: $269,664

2005-2009 National Science Foundation 0447492, **PI: Christine Wagner** "Role of Progesterone Receptor in Cortical Development", Total Costs $360,000

2005 Faculty Research Award Program Seed Grant, University at Albany "The Effects of Progestin-Only Contraception on the Growth and Development of Preterm Infants During the First Year of Life" **Co-PI's: Christine Wagner** and Leslie Halpern, Total Costs $5,100

2004 Faculty Research Award Program, University at Albany, **PI: Christine Wagner**, $10,000

1999-2003 NIH RO1 HD37244, **PI: Christine Wagner** "Progesterone and Sexual Differentiation of the Brain" $508,244 Total Direct Costs

2001-2003 Sponsor of Society for Neuroscience Predoctoral Fellowship for Veronica Lopez, **Faculty PI: Christine Wagner** "Progesterone Action in the Neonatal Rat Cortex"

2001-2003 Sponsor of NIH Predoctoral National Research Service Award, Predoctoral Fellowship for Princy S. Quadros, **Faculty PI: Christine Wagner** "Progesterone and Sex Differences in Neural Development"

1997-1999 NIH RO3 MH55562 **PI: Christine Wagner** "Maternal Progesterone and Fetal Neural Development", $100,000 Total Direct Costs/2 years

1996-1997 NIH B/START MH57237 **PI: Christine Wagner** "Behavioral Effects of the Maternal/Fetal Interaction", $25,000 Total Direct Costs/1 year

1992-1995 NIH NRSA HD07594 National Research Service Award, **Postdoctoral Fellowship for Christine Wagner**, Faculty Sponsor Joan I Morrell "Aromatase mRNA: Regulation and Role in Sexual Behavior"

1991 Postdoctoral Fellowship, National Institute of Health Training Grant, Neuroscience Program at Michigan State University, East Lansing, MI, Sponsor: Kenneth Moore, Ph.D.

1987-1989 Predoctoral Fellowship, National Institute of Health Training Grant, Neuroscience Program at Michigan State University, East Lansing, Michigan Sponsor: Lynwood G. Clemens, Ph.D.

PUBLICATIONS

Lalitsasivimol D, Walker, D, Loh YHE, Purushothaman I, Ramakrishnan A, Nestler EJ, Wagner CK. Differentially expressed genes in the medial preoptic nucleus of neonatal progesterone receptor knockout mice. *Developmental Neurobiology*, in revision.

Lolier M, Miller RO, Wood RI, Wagner CK. Performance on a modified signal detection task of attention is impaired in male and female rats following developmental exposure to the synthetic progestin, 17α-hydroxyprogesterone caproate. *Hormones & Behavior*, 135: 105039, EPub ahead of print, 2021.

Fahrenkopf A, Li G, Wood RI, Wagner CK. Developmental exposure to the synthetic progestin, 17α-hydroxyprogesterone caproate, disrupts the mesocortical serotonin pathway and alters impulsive decision-making in rats. *Developmental Neurobiology*, 81: 763-773, 2021.

Invited: **Wagner CK**, Fahrenkopf A**.** A novel model for the estrogenic action of BPA in developing brain following maternal ingestion. In: *Bisphenol A: A Multi-Modal Endocrine Disruptor*, Gassman, N (ed), Royal Society of Chemistry, 2022.

Newell AJ, Chung SH, **Wagner, CK**. Inhibition of progesterone receptor activity during development increases reelin-immunoreactivity in Cajal-Retzius cells, alters synaptic innervation in neonatal dentate gyrus, and impairs episodic-like memory in adulthood, *Hormones & Behavior*, *EPub head of print, 2021.*

Lolier M, **Wagner CK**. Sex differences in dopamine innervation and microglia are altered by synthetic progestin in neonatal medial prefrontal cortex, *Journal of Neuroendocrinology,* 33(3):e12962, E*Pub ahead of print, 2021*.

Serpa RO, **Wagner CK**, Wood RI. Developmental exposure to 17a-hydroxyprogesterone caproate impairs adult delayed reinforcement and reversal learning in male and female rats, *J. Neuroendocrinology*, 32(6): e12862, EPub ahead of print, 2020.

Fahrenkopf A, **Wagner, CK**. Bisphenol A induces progesterone receptor expression in an estrogen receptor-α dependent manner in perinatal brain. *Neurotoxicology & Teratology,* 78: 106864, EPub head of print, 2020.

Newell AJ, Lalitsasivimol D, Gonzales K, Willing J, Waters EM, Milner T, McEwen BS, **Wagner CK**. Expression of progesterone receptor in Cajal-Retzius cells in developing dentate gyrus: potential role in hippocampal-dependent memory. *Journal of Comparative Neurology,* 526: 2285-2300, 2018. [*Journal Cover Image*]

Wagner CK, Quadros-Mennella, P. Progesterone from maternal circulation binds to progestin receptors in fetal brain, *Developmental Neurobiology,* 77: 767-774, 2017.

Willing J, **Wagner CK**. Exposure to the synthetic progestin, 17α-hydroxyprogesterone caproate during development impairs cognitive flexibility in adulthood, *Endocrinology*, 157: 77-82, 2016. [Featured in *Trends & Insights* of the Endocrine Newsletter, official newsletter of the Endocrine Society]

Willing J, **Wagner CK**. Progesterone receptor expression in the developing mesocortical dopamine pathway: importance for complex cognitive behavior in adulthood. *Neuroendocrinology*, 103: 207-222, 2016.

Willing J, **Wagner CK**. Sensorimotor development in neonatal progesterone receptor knockout mice, *Developmental Neurobiology,* 74: 16-24, 2014.

Jahagirdar V, Zoeller TR, Tighe D, **Wagner CK**. Maternal hypothyroidism decreases progesterone receptor expression in the cortical subplate of fetal brain, 24: 1126-1134, 2012.

Gonzales KL, Tetel, MJ, **Wagner, CK** Anatomically-specific actions of estrogen receptor in developing female rat brain: Effects of estradiol and SERMs on progestin receptor expression, *Journal of Neuroendocrinology,*24: 285-291, 2012.

Jahagirdar V, **Wagner CK**. Ontogeny of progesterone receptor expression in the subplate of fetal and neonatal rat cortex. *Cerebral Cortex* 20: 1046-1052, 2010.

Lopez V, **Wagner CK**. Progestin receptor is transiently expressed perinatally in neurons of the rat neocortex. *Journal of Comparative Neurology*, 512: 124-139, 2009.

Quadros PS, Schlueter LJ, **Wagner CK**. Distribution of progesterone receptor immunoreactivity in the midbrain and hindbrain of postnatal rats. *Developmental Neurobiology*, 68: 1378-1390, 2008.

Gonzales KL, Tetel MJ, **Wagner CK**. Estrogen receptor β (ERβ) modulates ERα to facilitate anatomically specific actions of estradiol in developing brain. *Endocrinology,* 149: 4615-4621, 2008.

Invited Review: **Wagner CK.** Progesterone receptors and neural development: A gap between bench and bedside? *Endocrinology*, 149: 2743-2749, 2008.

Quadros, PS, **Wagner, CK**. Regulation of progesterone receptor expression by estradiol is dependent on age, sex and region in the rat brain. *Endocrinology,* 149: 3054-3061, 2008.

Jahagirdar V, Quadros PS, **Wagner CK**. Endogenous oestradiol regulates progesterone receptor expression in the brain of female rat fetuses: What is the source of oestradiol? *Journal of Neuroendocrinology*, 20: 359-365, 2008.

Quadros, PS, Pfau, JL, **Wagner, CK**. Distribution of progesterone receptor immunoreactivity in the fetal and neonatal rat forebrain. *Journal of Comparative Neurology*, 504: 42-56, 2007.

Invited Review: **Wagner, C.K**. The many faces of progesterone: a role in developing and adult male brain. *Frontiers in Neuroendocrinology*, 27: 340-359, 2006.

Wagner CK, Xu J, Pfau JL, Quadros PS, De Vries GJ, Arnold AP. Neonatal mice possessing an Sry transgene show a masculinized pattern of progesterone receptor expression in the brain independent of sex chromosome status. *Endocrinology*, 145: 1046-1049, 2004.

Quadros PS, Goldstein AYN, De Vries GJ, **Wagner CK**. Regulation of sex differences in progesterone receptor expression in the medial preoptic nucleus of postnatal rats, *Journal of Neuroendocrinology*, 14: 761-767, 2002.

Quadros PS, Pfau JL, Goldstein AYN, De Vries GJ, **Wagner CK**. Sex differences in progesterone receptor expression: A potential mechanism for estradiol-mediated sexual differentiation. *Endocrinology*, 143: 3727-3739, 2002.

Quadros PS, Lopez V, De Vries GJ, Chung WCJ, **Wagner CK**. Progesterone receptors and the sexual differentiation of the medial preoptic nucleus. *Journal of Neurobiology*, 51: 24-32, 2002.

Romeo RD, **Wagner CK**, Jansen HT, Diedrich SL, Sisk CL. Estradiol induces hypothalamic progesterone receptors but does not activate behavior in male hamsters (Mesocricetus auratus) before puberty. *Behavioral Neuroscience*, 116: 198-205, 2002.

Wagner CK, Pfau JL, De Vries GJ, Merchenthaler IJ. Sex differences in progesterone receptor immunoreactivity in neonatal brain are dependent on estrogen receptor α expression. *Journal of Neurobiology,* 47: 176-182, 2001.

Lonstein JL, Quadros PS, **Wagner CK**. Effects of neonatal RU486 on adult parental, sexual and fearful behaviors in the rat. *Behavioral Neuroscience,* 115: 58-70, 2001.

Lonstein JS, **Wagner CK,** De Vries GJ. Comparison of the 'nursing' and other parental behaviors of nulliparous and lactating female rats. *Hormones and Behavior*, 36: 242-251, 1999.

Wagner CK, Nakayama AY, De Vries GJ. Potential role of maternal progesterone in the sexual differentiation of the brain. *Endocrinology*, 139: 3658-3661, 1998.

Wagner CK, Silverman A-J, Morrell JI. Evidence for estrogen receptor in cell nuclei and axon terminals within the lateral habenula: Regulation during pregnancy, *Journal of Comparative Neurology*, 392: 330-342, 1998.

Forger NG, **Wagner CK**, Contois M, Bengston L, MacLennan AJ. Ciliary neurotrophic factor receptor in spinal motoneurons is regulated by gonadal hormones. *Journal of Neuroscience*, 18: 8720-8729, 1998.

Wagner, C.K. and Morrell, J.I. Neuroanatomical distribution of aromatase mRNA in the rat brain: indications of regional regulation. *Journal of Steroid Biochemistry and Molecular Biology*, 61: 307-314, 1997.

Wagner CK, Morrell JI. Levels of estrogen receptor immunoreactivity are altered in behaviorally-relevant brain regions in female rats during pregnancy. *Molecular Brain Research,* 42: 328-336, 1996.

Wagner CK, Morrell JI. The distribution and steroid hormone regulation of aromatase mRNA expression in specific regions of the forebrain in adult male and female rats: a cellular level analysis using *in situ* hybridization, *Journal of Comparative Neurology*, 370: 71-84, 1996.

Wagner CK, Morrell JI. In situ analysis of estrogen receptor mRNA expression in the brain of female rats during pregnancy, *Molecular Brain Research*, 33: 127-135, 1995.

Wagner CK, Eaton MJ, Moore KE, Lookingland KJ. Efferent projections from the region of the medial zona incerta containing A13 dopaminergic neurons: a PHA-L anterograde tract-tracing study in the rat, *Brain Research*, 677: 229-237, 1995.

Eaton MJ, **Wagner CK,** Moore KE, Lookingland KJ. Neurochemical identification of of A13 dopaminergic neuronal projections from the medial zona incerta to the horizontal limb of the diagonal band of Broca and the central nucleus of the amygdala, *Brain Research,* 659: 201-207, 1994.

Wagner CK, Popper P, Ulibarri C Clemens LG, Micevych PE. Calcitonin gene-related peptide-like immunoreactivity in spinal motoneurons of the male mouse is affected by castration and genotype, *Brain Research*, 647: 37-43, 1994.

Rosenblatt, J.S., **Wagner, C.K**. and Morrell, J.I. Hormonal Priming and Triggering of maternal behavior in the rat with special reference to the relations between estrogen receptor binding and ER mRNA in specific brain regions, Proceedings of Brain, Behavior and Hormones, *Psychoneuroendocrinology*, Vol. 19, pp. 543-552, 1994.

Wagner CK, Clemens LG. A neurophysin-containing pathway from the paraventricular nucleus of the hypothalamus to a sexually dimorphic motor nucleus in lumbar spinal cord. *Journal of Comparative Neurology*, 336: 106-116, 1993.

Wagner CK, Sisk CL, Clemens LG. Neurons in the paraventricular nucleus of the hypothalamus that project to the sexually dimorphic lower lumber spinal cord concentrate ^{3}H-estradiol in the male rats. *Journal of Neuroendocrinology*, 5: 545-551, 1993.

Wagner CK, Clemens LG. Projections of the paraventricular nucleus of the hypothalamus to the sexually dimorphic lumbosacral region of the spinal cord. *Brain Research*, 539: 254-262, 1991.

Wagner CK, Clemens LG. Anatomical organization of the sexually dimorphic perineal neuromuscular system in the house mouse. *Brain Research*, 499: 93-100, 1989.

Wagner CK, Clemens LG. Perinatal modification of a sexually dimorphic motor nucleus in the spinal cord of the

B6D2F1 house mouse. *Physiol. & Behavior*, 45: 831-835, 1989.

Wagner CK, Kinsley C, Svare B. Mice: Postpartum aggression is elevated following prenatal progesterone exposure. *Hormones and Behavior*, 20: 212-221, 1986.

Kinsley CH, Mieli J, **Wagner CK**, Ghiraldi L, Broida J, Svare B. Prior Intrauterine position influences body weight in male and female mice. *Hormones and Behavior*, 20: 201-211, 1986.

Kinsley CH, Mieli JL, **Konen (Wagner) C**, Ghiraldi L, Svare, B. Intrauterine contiguity influences regulatory activity in adult female and male mice. *Hormones & Behavior*, 20: 7-12, 1986.

Kinsley CH, **Konen (Wagner) CM**, Mieli JL, Ghiraldi L, Svare B. Intrauterine position modulates maternal behaviors in female mice. *Physiology & Behavior* 36: 793-799, 1986

Mann MA, **Konen (Wagner) C,** Svare B. The role of progesterone in pregnancy-induced aggression in mice. *Hormones and Behavior*, 18: 140-160, 1984.

Svare B, Mann M, Broida J, Kinsley C, Ghiraldi L, Mieli J, **Konen (Wagner) C**. Intermale aggression and infanticide in aged C57Bl/6J male mice: Behavioral deficits are not related to serum testosterone (T) levels and are not recovered by supplemental T. *Neurobiology of Aging*, 4: 305-312, 1983.

Manuscripts in Preparation

Lolier M, Wagner CK, Bell E. Progestin treatment and early childhood outcomes in the Upstate KIDS Study, to be submitted 12/21.

Lolier M, Wagner, CK. Neonatal administration of 17α-hydroxyprogesterone caproate alters the ontogeny of dopaminergic innervation of synaptic density in the medial prefrontal cortex, to be submitted 1/22.

Selected Invited Talks and Symposia

Symposium Co-Chair and Speaker: Workshop on Steroid Hormone and Brain Function; Symposium Title: Neuroendocrine and neuroimmune influences on the development of neural circuits that regulate adult behavior. Co-Chairs: Christine K. Wagner & Jaclyn M. Schwarz; Talk title: Synthetic progestin, development of mesocortical pathways, and complex cognitive behavior: a rodent model investigation of a drug used in human pregnancy, 2022. (*meeting postponed due to COVID-19*)

Invited Talk: Capital Region Neuroscience, Albany Medical Center "The role of progestins in neural development and cognitive behavior" Albany, NY, 2020

Invited Talk: Sociedad Argentina de Investigación en Neurociencias: "Synthetic progestin, neural development, and cognitive behavior: a rodent model investigation of a drug used in human pregnancy" Córdoba, Argentina, 2019

Invited Talk: Organization for the Study of Sex Differences: "Sex differences in progesterone receptor expression in developing brain: from RNA sequencing to aggressive behavior" Washington, DC, 2019

Invited Talk: President's Forum on Health Disparities, Center for the Elimination of Minority Health Disparities,

University at Albany "Synthetic Progestins: Neural Development and Cognitive Behavior: Implications for Health Disparities in Premature Birth Outcomes, 2018.

Invited Talk: Union College, "The Role of Progesterone in Neural Development"

Rockefeller University, "Role of Progesterone in Neural Development & Behavior, 2011.

Albany Medical College, "Progesterone and the Developing Brain", 2010.

Centers for Disease Control, Scientific Consult, "Progesterone and the Developing Brain" US Medical Eligibility Criteria for Contraceptive Use, Atlanta, GA, 2009.

World Health Organization, Scientific Consult, "Progesterone and the Developing Brain" Steering Committee on Hormonal Contraceptive Use during Lactation and Effects on the Neonate. Geneva, Switzerland, 2008

National Science Foundation, Division of Integrative Organismal Systems, "Progesterone Action in Developing Brain", 2008

Michigan State University, "Progesterone Receptors in Developing Brain", 2007

New York State Perinatal Partnership & March of Dimes Foundation for Birth Defects: "*The Potential Role of Maternal Hormones in Brain Development and Cognition*", Albany, NY 2005

Winter Conference on Brain Research: "Session: "*Nontraditional Synthesis and Actions of Progesterone on Neural Development, Sexual Differentiation, Remyelination and Reproduction*", Copper, CO 2004

American Neuroendocrine Society Symposium Session: "*Organizational Actions of Gonadal Steroids*", Philadelphia, PA 2003

Workshop of Steroid Hormones and Brain Function; Symposium Session: "*Steroid Hormone Signaling in Brain Ontogeny: Classic Tenets and their Evolution"*, Breckenridge, CO 2003

International Society for Psychoneuroendocrinology; Invited Lecture Title: New Roles for Progesterone Receptor in the Developing Brain, Pisa, Italy, 2003 *unable to attend due to circumstances surrounding the War in Iraq*

Symposium Co-Organizer: "*Hormonal and Social Influences on Parental Care: Comparative Approaches*", Society for Behavioral Neuroendocrinology, Amherst, MA, 2002.

Experimental Biology Meetings, American Association of Anatomists, Symposium Session: "*Sex Hormones and the Plastic Brain*" New Orleans, LA, 2002. Symposium Chair: Lydia DonCarlos

Workshop on Steroid Hormones and Brain Function, Symposium Session: "*Four Pillars of Sexual Differentiation*", Breckenridge, CO, 2002. Symposium Chair: Geert J. De Vries

Society for Women's Health Research & Stanford University School of Medicine Scientific Advisory Meeting, "*Sex Begins in the Womb: Understanding the Biology of Sex Differences*" Palo Alto, CA, 2002.

Department of Biology, Skidmore College, Saratoga Springs, NY, 2002.

U.S./Japan International Seminar on Neuroplasticity, Development and Steroid Hormone Action, Honolulu, HI, 2000. U.S. Meeting Organizers: Robert Handa, Ei Terasawa.

Symposium Organizer: "*Effects of Maternal Hormones on Neural Development*", Workshop on Steroid Hormones and Brain Function, Breckenridge, CO, 2000.

Department of Biological Sciences, Lehigh University, Bethlehem, PA, 1995.

Psychology Department & Neuroscience Program, Williams College, Williamstown, MA, 1995.

"Regulation of estrogen action in the brain: alterations in mRNA for the steroid metabolizing enzyme aromatase and for estrogen receptor", Workshop on Steroid Hormones and Brain Function, Breckenridge, Colorado, 1995.

"Afferent Inputs to the Sexually Dimorphic Lower Lumbar Cord". NATO Advanced Research Workshop, The Development of Sex Differences and Similarities in Behaviour, Gers, France, July 1992.

Recent Conference Presentations (2016-2022)

Graney, PL, Chen, MY, Wood, RI, and Wagner, CK. Developmental exposure to 17α-hydroxyprogesterone caproate alters decision-making in female rodents in adulthood. Society for Behavioral Neuroendocrinology Annual Meeting, Atlanta, GA, 2022.

Graney, PL, and Wagner CK. Progesterone Receptor Expression in the Developing Medial Prefrontal Cortex of Rats. Society for Neuroscience 50th Annual Meeting. Virtual Conference, SfN Global Connectome, 2021.

[*no meetings in 2020 due to COVID-19*]

Phillips A, Wagner CK. 499.02 - Alterations in progesterone activity affects serotonergic innervation of the medial prefrontal cortex and produces deficits in complex cognitive behaviors, Society for Neuroscience, Chicago, IL, 2019.

Lolier M, Wagner CK. 499.03 - Clinically relevant synthetic progestin alters medial prefrontal cortex microglial phenotype and density in a sex-specific manner. Society for Neuroscience, Chicago, IL, 2019

Newell AJ, Wagner CK. Postnatal progesterone receptor activity influences adult episodic-like memory in the rat. Society for Neuroscience, Chicago, IL, 2019.

Wagner, CK, Wood, RI, Phillips, A. Synthetic progestin, neural development, and cognitive behavior: a rodent model investigation of a drug used in human pregnancy. Pan American Neuroendocrine Society, New Orleans, LA, 2019.

Wagner CK, Phillips A, Li G, Wood R. Exposure to synthetic progestin during development alters decision making in adulthood. Joint meeting of International Congress of Neuroendocrinology and Society for Behavioral Neuroendocrinology, Toronto, Canada, 2018.

Lalistasivimol D, Wagner, CK. Calbindin-D28K cell distribution in neonatal progesterone receptor knockout (PRKO) mice. Society for Neuroscience, San Diego, CA, 2018.

Lolier M, Wagner, CK. Exposure to a synthetic progestin in clinical use to prevent preterm birth alters innervation of the postnatal rate medial prefrontal cortex: differential effects in males and females. Society for Neuroscience, San Diego, CA, 2018.

Phillips A, Li G, Wagner, CK, Wood, RI. Developmental exposure to the synthetic progestin 17α-hydroxyprogesterone caproate alters decision making in adulthood. Society for Neuroscience, San Diego, CA, 2018.

Lalitsasivimol D, Walker DM, Ricciardelli RM, Nestler EJ, Wagner CK. Gene expression profile of the medial preoptic nucleus of neonatal progesterone receptor knockout (PRKO) mice. Society for Behavioral Neuroendocrinology, Long Beach, CA, 2017.

Lolier M, Wagner CK. Dopaminergic innervation patterns within the medial prefrontal cortex are altered by developmental exposure to a synthetic progestin used to prevent preterm birth. Society for Neuroscience, Washington, DC, 2017

Newell AJ, Wagner CK. Evidence for progesterone receptor expression within Cajal Retzius cells of the neonatal dentate gyrus. Society for Neuroscience, Washington, DC, 2017

Lalitsasivimol D, Walker DM, Ricciardelli RM, Nestler EJ, Wagner CK. Identification of genes regulated by progesterone receptor in the neonatal medial preoptic nucleus using RNAseq. Society for Neuroscience, Washington, DC, 2017

Lolier M, Wagner CK. Dopaminergic innervation patterns within medial prefrontal cortex are altered by developmental exposure to a synthetic progestin used to prevent preterm birth. Society for Neuroscience, San Diego, CA, 2016.

Lalitsasivimol D, Walker DM, Ricciardelli, RM, Nestler EJ, Wagner CK. Identification of genes regulated by progesterone receptor in the neonatal medial preoptic nucleus using RNAseq. Society for Neuroscience, San Diego, CA, 2016

Lalitsasivimol D, Sarenski AF, Wagner, CK. Sex differences in calbindin-D28K-ir cell distribution in wildtype and progesterone receptor knockout (PRKO) mice. *Society for Behavioral Neuroendocrinology*, Montreal, Canada, 2016.

Lolier, M, Wagner CK. Exposure to a synthetic progestin used to prevent preterm birth results in differential dopaminergic innervation patterns within the medial prefrontal cortex of males and females. *Society for Behavioral Neuroendocrinology*, Montreal, Canada, 2016.

Newell AJ, Wagner CK. Progesterone receptor immunoreactive cells in the neonatal dentate gyrus are born postnatally and express reelin. *Society for Behavioral Neuroendocrinology*, Montreal, Canada, 2016.

TEACHING & MENTORING

Teaching Awards & Achievements

2011	Chancellor's Award for Excellence in Teaching, State University of New York
2011	President's Award for Excellence in Teaching, University at Albany
2011	Dean's Award for Outstanding Achievement in Teaching, College of Arts and Sciences, University at Albany
2009-present	Co-founder and co-director of Undergraduate Minor in Neuroscience
2005-2016	Graduate Director for Behavioral Neuroscience Graduate Program

Courses Taught at University at Albany

Undergraduate Courses: Brain & Mental Illness (APSY 450T); Introduction to Behavioral Neuroscience (APSY214); Advanced Behavioral Neuroscience (APSY314); Hormones, Brain & Behavior, (APSY450Z); Topics in Neuroscience (ABIO/APSY 490)

Graduate Courses: Advanced Graduate Behavioral Neuroscience (APSY713); Behavioral Endocrinology (APSY514); Topics in Behavioral Neuroscience (APSY779); Neurobiology of Mental Illness (APSY780)

Graduate Mentoring

Current Doctoral Students: Paige Graney

Former Doctoral Students (current positions):

- **Melanie Lolier** (Ph.D., 2021), Research Compliance, Regeneron, Rensselaer, NY
- **Andrew J. Newell** (Ph.D., 2020), Postdoctoral Fellow, North Carolina State University, Raleigh, NC; Mentor: Dr. Heather Patisaul
- **Allyssa Phillips Fahrenkopf**, (Ph.D. 2019), Senior Scientist, Novartis, Boston, MA
- **Diana Lalitsasivimol** (Ph.D. 2019), Clinical Research Administrator, Medical Oncology & Neuroendocrinology, Kingman Regional Medical Center, Kingman, AZ
- **Jari Willing**, (Ph.D. 2013), Assistant Professor, Department of Psychology, Bowling Green State University, Bowling Green, OH
- **Keith L. Gonzales**, Ph.D. 2012 Business Development Manager, Amazon.com, Inc., Seattle, WA
- **Vaishali Jahagirdar**, (Ph.D. 2007) Data Analyst, Gracelim, LLC, New York, NY
- **Veronica Lopez** (Ph.D. 2007), Department of Art & Art History, Stanford University, Stanford, CA
- **Princy Quadros Mennella** (Ph.D. 2004) Assistant Professor, Department of Psychology, Westfield State University, Westfield, MA

SERVICE

Service to Profession

2021-	Editorial Board, Hormones & Behavior, Official Journal of the Society for Behavioral Neuroendocrinology
2020 -	NIH Study Section, Behavioral Neuroendocrinology, Neuroimmunology, Rhythms and Sleep (BNRS) Study Section
2020	NIH Special Emphasis Panel, Brain Disorders and Clinical Neuroscience (BDCN)
2019	National Science Foundation Review Panel, Neural Systems
2019	NIH Special Emphasis Panel, Brain Disorders and Clinical Neuroscience (BDCN)
2019-	Program Committee, Organization for the Study of Sex Differences (OSSD)
2018-	Advisory Board Member, Society for Behavioral Neuroendocrinology
2017	External Reviewer, Department of Psychology, Tufts University
2016-2018	Program Committee, Society for Behavioral Neuroendocrinology
2016-2017	NIH-NICHD Rapid Response Review Panel: Rapid Assessment of Zika Virus (ZIKV) Complications
2015-2017	Program Committee, Society for Behavioral Neuroendocrinology, appointed position
2009-2011	Secretary to the Society for Behavioral Neuroendocrinology, elected position
2009-2011	Editorial Board of *Endocrinology*, appointed by Editor-in-Chief, An Official Journal of the Endocrine Society
2009	Scientific Consultant to the Centers for Disease Control, US Medical Eligibility Criteria for Contraceptive Use, Atlanta, GA
2008	Scientific Consultant to the World Health Organization, Guideline Steering Group on Hormonal Contraceptive Use during Lactation and Effects on the Neonate, Geneva, Switzerland
2004-2009	Editorial Board of *Experimental Biology and Medicine,* Multidisciplinary Category: *Endocrinology & Nutrition*; appointed by Editor-in-Chief, the Official Journal of the Society of Experimental Biology and Medicine
2008	National Science Foundation Panel Member: Modulation Panel in the Neural Systems Cluster, Division of Integrative Organismal Systems (IOS), Biology Directorate
2005-2010	NIH Study Section, F02A, Behavioral Neuroscience Fellowships, Dates of service: 11/05, 3/06, 7/06, 2/07, 6/07, 10/07, 3/09, 7/09
2005-2007	Chair of Awards Committee, Society for Behavioral Neuroendocrinology, position appointed by Society President
2004-2008	Site Visit Panel Member, National Science Foundation, for review of a $10 million NSF Science & Technology Center for Behavioral Neuroscience, Participating Institutions: Georgia State, Emory University, Georgia Tech, Morehouse College, Spelman College, Clark Atlanta University; Dates of Service: 2004, 2007, 2008.

Service to University at Albany (highlights)

2021-	University at Albany Diversity, Equity, and Inclusion Committee, appointed by President
2021-	Co-Chair, University at Albany Women's Council, appointed by President
2021	Academic Affairs Budget Metrics Task Force Steering Committee & Subcommittee Workgroup on Research Excellence
2020	Co-Chair, Task Force on Diversity and Inclusive Excellence
2020	Academic Continuity Workgroup member (planning academics for COVID-19)
2019-2021	Provost Fellow for Faculty Development, University at Albany
2019-	Team Leader, Faculty of Color and Women in STEM Mentoring Program
2019-20	Steering Committee Member, President's Committee on Women in Higher Education

2019	Leadership team for Faculty Mentoring Program for Faculty of Color and Women in STEM, University at Albany
2018-	Steering Committee for Middle States Commission on Higher Education (MSCHE) Accreditation, University at Albany
2018-19	Search Committee, Clinical Assistant Professor of Public Health for RN-BS completion program in collaboration with SUNY Downstate Medical Center College of Nursing
2015-2018	Chair, Psychology Department
2016-2017	Member of University at Albany Strategic Planning Process
2014-2015	Chair, University Policy & Planning Council
2013-2014	Chair of the University Senate, Chair of the Senate Executive Committee
2013-2014	Member, Search Committee for Provost & Vice President of Academic Affairs
2013-2014	President's Campus Advisory Committee
2012-2013	Vice Chair of the University Senate
2012-2013	Chair of the Governance Council
2011-2012	Senate Executive Committee
2011-2012	Chair, Council on Continuing Appointment and Promotion, elected position
2011-2012	University at Albany's Strategic Plan Working Group, appointed by the Provost
2010-2011	Chair, College of Arts and Science Faculty Council

Membership in Professional Societies

Member of Society for Neuroscience, Society for Behavioral Neuroendocrinology, Organization for the Study of Sex Differences, Endocrine Society; Pan American Neuroendocrine Society