Jari Willing
Assistant Professor
Department of Psychology: Neural and Cognitive Sciences
Bowling Green State University
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Education:

Ph.D. in Psychology-Behavioral Neuroscience, State University of New York at Albany, Advisor: Dr. Christine Wagner, 2014

B.S. in Psychology, Union College, Schenectady, NY: Departmental Honors, *cum laude,* minor in Environmental Studies, 2006

High School Diploma, Honors degree, Regents Diploma, Berne-Knox-Westerlo High school, Berne, NY, 2002

Academic Employment:

Present	Assistant Professor of Psychology: Neural and Cognitive Sciences, Bowling Green State University
2015-2017	Postdoctoral Fellow: NIEHS Training Program in Endocrine, Developmental and Reproductive Toxicology
2014-2015	Postdoctoral Researcher: University of Illinois at Urbana Champaign: Laboratory of Janice Juraska, Psychology-Behavioral Neuroscience program

Teaching Experience:

Bowling Green State University

Instructor of record for:

PSYC 3350; Psychoneuroendocrinology
PSYC 2700; Quantitative Methods I
PSYC 4400; Seminar: “Developmental Psychobiology”
PSYC 5800; Graduate Seminar: “Developmental Psychobiology”
PSYC 1010; Introduction to Psychology
PSYC 1010H: Introduction to Psychology (Honors)
PSYC 4310: Developmental Psychobiology
PSYC 7800: Graduate Seminar: Exogenous Influences on The Brain and Behavior

University of Illinois

Spring 2017 Certificate in Foundations of Teaching (April, 2017): Requirements were attending 8 hours of teaching development workshops, observation of and reflecting on my teaching, exploring literature on teaching, observing an experienced instructor and writing a teaching philosophy statement.

University at Albany

Spring 2013 Instructor of record, Course Title: "Advanced Behavioral Neuroscience"
2009- 2010 Teaching Assistant, Course Title: “Advanced Biopsychology and Behavioral Neuroscience”
2009- 2010 Teaching Assistant, Course Title: “Introduction to Biopsychology and Behavioral Neuroscience”
2010 Teaching practicum in Psychology, Instructor of record for Discussion Section for Introduction to Psychology
2007- 2009 Teaching Assistant, Course Title: “Introduction to Psychology”

Peer-Reviewed Publications:

Riesgo VR, Zumaski T, **Willing J** (2024). Tyrosine hydroxylase expression and neuronal loss in the male and female adolescent ventral tegmental area. Neuroscience Letters, 841, 137961, *accepted Summer 2024, https://authors.elsevier.com/sd/article/S0304-3940(24)00339-2*

Cady SH, **Willing J**, Cady DA (2024). The AI Imperative: On Becoming Quintessentially Human. The Journal of Applied Behavioral Science, Manuscript ID JABS-2024-03-12.R3, *accepted Summer, 2024 (article not yet available online).* (*This manuscript addresses the role of prefrontal cortex development and its utilization in the workplace).

Riesgo VR, Sellinger EP, Brinks AS, Juraska JM, **Willing J** (2024). Effects of maternal LPS and developmental exposure to an environmentally relevant phthalate mixture on neuron number in the rat medial prefrontal cortex. Neurotoxicol Teratol. 2024 Jul-Aug;104:107370. doi: 10.1016/j.ntt.2024.107370. Epub 2024 Jul 2. PMID: 38964664.

Flanigan KAS, Czuba MI, Riesgo VR, Rua MA, Stevenson LM, **Willing J** (2023). Developmental exposure to corn grown on Lake Erie dredged material: a preliminary analysis. Frontiers In Behavioral Neuroscience, 17, In Press 4/21/2023, https://doi.org/10.3389/fnbeh.2023.987239

Vogt ME, Riesgo VR, Flanigan KAS, **Willing J** (2022). Housing Environment Affects Pubertal Onset, Anxiety-like Behavior, and Object Interaction in Male and Female Long Evans Rats. J Am Assoc Lab Anim Sci. 2022 May 1;61(3):241-247. PMID: 35512999

Sellinger EP, Riesgo VR, Brinks AS, **Willing J**, Juraska JM (2021). Perinatal phthalate exposure increases developmental apoptosis in the rat medial prefrontal cortex. Neurotoxicology, S0161-813X(21)00119-4. PMID: 34599995

Sellinger EP, Drzewiecki CM, **Willing J**, Juraska JM (2021). Cell death in the male and female rat medial prefrontal cortex during early postnatal development. IBRO Neuroscience Reports, 10, 186-190. PMID: 33870262

Drzewiecki CM, **Willing J**, Cortes LR, Juraska JM (2021). Adolescent stress during, but not after, pubertal onset impairs indices of prepulse inhibition in adult rats. Developmental Psychobiology, 63(5), 837-850. PMID: 33629385

Drzewiecki CM, **Willing J**, Juraska JM. (2020). Influences of age and pubertal status on number of perineuronal nets in the rat medial prefrontal cortex. Brain Structure and Function, 225(8), 2495-2507. PMID: 32914251

Hatcher KM, **Willing J**, Chiang C, Rattan S, Flaws JA, Mahoney MM. (2019). Exposure to di-(2-ethylhexyl) phthalate transgenerationally alters anxiety-like behavior and amygdala gene expression in adult male and female mice. Physiology and Behavior, 207, 7-14. PMID: 31022410

Newell AJ, Lalitsasivimol D, **Willing J**, Gonzales K, Waters EM, Milner TA, McEwen BS, Wagner CK (2018). Progesterone receptor expression in Cajal-Retzius cells of the developing rat dentate gyrus: potential role in hippocampus-dependent memory. *Journal of Comparative Neurology* [Epub ahead of print]. PMID: 30069875

Kougias DG, Sellinger EP, **Willing J**, Juraska JM. (2018). Perinatal exposure to an environmentally relevant mixture of phthalates results in a lower number of neurons and synapses in the medial prefrontal cortex and decreased cognitive flexibility in adult male and female rats. *Journal of Neuroscience* [Epub ahead of print]. PMID: 30012688

Hankosky ER, Westbrook SR, Haake RM, **Willing J**, Raetzman LT, Juraska JM, Gulley JM. (2018). Age- and sex-dependent effects of methamphetamine on cognitive flexibility and 5-HT2C receptor localization in the orbitofrontal cortex of Sprague-Dawley rats. Behavioural Brain Research, 349,16-24. PMID: 29715538

Walker DM, Bell MR, Flores C, Gulley JM, **Willing J**, Paul MJ. (2017). Adolescence and Reward: Making Sense of Neural and Behavioral Changes Amid the Chaos. *Journal of Neuroscience*, 37(45),10855-10866. PMID: 29118215

Willing J, Cortes LR, Brodsky, JM, Kim T, Juraska JM. (2017). Development of dopaminergic fibers in the medial prefrontal cortex of male and female rats during adolescence. *Developmental Psychobiology*, 59 (5), 583-589. PMID: 28561889

Juraska, JM, **Willing J.** (2017). Pubertal onset as a critical transition for neural development and cognition. *Brain Research*, 1654 (Pt B). PMID: 27060769

Willing J, Drzewiecki CM, Cuenod BA, Cortes LR, Juraska JM. (2016). A role for puberty in water maze performance in male and female rats. Behavioral *Neuroscience*, 130 (4), 422-427. PMID: 27054406

Drzewiecki CM, **Willing J**, Juraska JM. (2016). Synaptic number changes in the medial prefrontal cortex across adolescence in male and female rats: A role for pubertal onset. *Synapse*, 70 (9), 361-368. PMID: 27103097

Willing J*,* Wagner CK. (2016). Exposure to the synthetic progestin 17α- hydroxyprogesterone caproate (17-OHPC) during development impairs cognitive flexibility in adulthood. *Endocrinology*, 157 (1), 77-82. PMID: 26556535

Wise LM, Sadowski RN, Kim T, **Willing J,** Juraska JM. (2016). Long term effects of adolescent exposure to Bisphenol A on neuron and glia number in the prefrontal cortex: differences between sex and cell type. *Neurotoxicology*, 53, 186-192. PMID: 26828634

Willing J, Wagner CK. (2016). Progesterone receptor expression in the developing mesocortical pathway: importance for complex cognitive behavior in adulthood. *Neuroendocrinology*, 103 (3-4), 207-222. PMID: 26065828

Willing J, Juraska JM. (2015).The timing of neuronal loss across adolescence in the medial prefrontal cortex of male and female rats. *Neuroscience*, 301, 268-275. PMID: 26047728

Willing, **J**. & Wagner, C.K. (2013). Sensorimotor development in neonatal progesterone receptor knockout mice, *Developmental Neurobiology*, 74 (1), 16-24. PMID: 23983142

Manuscripts in Preparation:

Gonzalez AJ, Riesgo VR, Durkin BD, Czuba MI, Meszaros DP, Ruby HM, **Willing J**. Cardiovascular and resistance training during adolescence affects adult cognitive performance in male and female rats. To be submitted to *Behavioral Neuroscience* in Fall, 2024.

Rúa MA, Flanigan KAS, Julian AN, Stevenson LM, **Willing J**. Dietary supplement of corn grown with dredge-amended soil alters the microbiome of adult male and female rats. To be submitted to *Science of the Total Environment* in Fall, 2024.

Bell MR, Riesgo VR, Ruby HM, Devaney A, Bell K, Lee M, **Willing J**. The effects of husbandry on sex-dependent measures of anxiety: A Systematic Review. To be submitted to *Hormones and Behavior*, Fall, 2024.

Research Grants:

Brain & Behavior Research Foundation NARSAD Young Investigator Grant #26804 ($70,000, 2018-2020). Environmental endocrine disruptors and maternal infection: Potential interactive effects on development of the prefrontal cortex.

Bowling Green State University Building Strength Grant ($10,000, 2019-2020). You are what you eat: Does corn grown on dredge material impact body and brain development? (Co-PI with Dr. Louise Stevenson, BGSU).

Bowling Green State University Building Strength Grant ($10,000, 2023-2024). Anti-Aging Supplements and Early Brain Development: Potential Risks and Therapeutic Benefits.

NIH RO3 ($143,000 direct + indirect costs). Prepubertal neural and behavioral risk factors for later alcohol consumption/preference: A focus on reward sensitivity and perineuronal nets. Re-submitted in Fall, 2023. Impact Score: 31, Percentile: 23. *Recommended for funding, Summer 2024* (Co-PI with Dr. Casey Cromwell, BGSU).

Research Grants Under Review:

NSF Grant, Program Announcement 24-546, IOS-Organization ($323,293 direct + indirect costs). Pubertal Regulation of Dopaminergic Development and Reward Behavior. Submitted Spring, 2024. (with Co-PI Dr. Casey Cromwell, BGSU).

Student-Supervised Research Grants

Vogt ME, Willing J (2019). Effects of Environmental Estrogen on Brain Development and Behavior. Bowling Green State University Center for Undergraduate Research and Scholarship, Spring 2019 ($500 + Student Stipend).

Woodburn M, Willing J (2021). A role for puberty in maturation of midbrain dopamine cells. Bowling Green State University Center for Undergraduate Research and Scholarship, Summer, 2021 ($500 + Student Stipend).

Beedy TA, Willing J (2022). Puberty & Dopamine Maturation: A Center for Undergraduate Research Proposal. Bowling Green State University Center for Undergraduate Research and Scholarship, Summer, 2022 ($500 + Student Stipend).

Vu TN, Willing J (2023). Effects of corn grown on dredge-amended soil on neonatal sensorimotor development. Bowling Green State University Center for Undergraduate Research and Scholarship, Spring, 2023 ($500 + Student Stipend).

Gonzalez AJ, Willing J (2023). Differential Effects of Cardiovascular and Resistance Training Exercise on Hippocampal Neurogenesis in Adolescent Rats. Bowling Green State University Center for Undergraduate Research and Scholarship, Summer, 2023 ($500 + Student Stipend).

Durkin BD, Willing J (2023). The effects of dredge-amended corn on neonatal sensorimotor reflex development: A multi-generational study. Bowling Green State University Center for Undergraduate Research and Scholarship, Fall, 2023 ($500 + Student Stipend).

Czuba MI, Willing J (2024). The Effects of Dredge-Amended Corn on Second Filial Generation Adult Rats. Bowling Green State University Center for Undergraduate Research and Scholarship, Spring, 2024 ($500 + Student Stipend).

Meszaros DP, Willing J (2024). Periadolescent Blue Light Exposure and Brain Development. Bowling Green State University Center for Undergraduate Research and Scholarship, Spring, 2024 ($500 + Student Stipend).

Meszaros DP, Willing J (2024). Periadolescent Blue Light Exposure and Neurodevelopment in male and female rats. Bowling Green State University Center for Undergraduate Research and Scholarship, Summer, 2024 ($500 + Student Stipend).

Honors and Awards:

2022: (Nomination and Runner Up/Finalist) BGSU Graduate Student Senate Outstanding Contributor to Graduate Education Award:

2017: Certificate in Foundations of Teaching: University of Illinois Center for Innovation in Teaching & Learning

2016: International Society for Developmental Psychobiology Travel Award

2015- 2017: Awarded the NIEHS Environmental Toxicology Postdoctoral Training Fellowship

2014: International Society for Developmental Psychobiology Travel Award

2013: Society for Behavioral Neuroendocrinology Graduate Student Poster Award

2012: University at Albany Psychology Department Graduate Student Initiative Award

Service:

2008	Biopsychology Faculty Search Committee student member
2009	University at Albany Animal Facility Staff Search Committee student member
2009- 2012	Tutoring Undergraduates in Behavioral Neuroscience
2012	Paid editor for Pearson Education, Inc.
2016, 2017	Volunteer at Brain Awareness Day, Champaign, IL
2018- present	BGSU CURS Advisory Council member
2018- present	BGSU Graduate Faculty Representative
2021- 2023	BGSU Institutional Animal Care and Use Committee (IACUC) member
2023- present	BGSU Institutional Animal Care and Use Committee (IACUC) Chair
2021- present	BGSU Academic Honesty Committee member
2021- present	Psychology Graduate Student Teaching Committee member
2022- present	BGSU Academic Honesty Committee Chair

Society Memberships:

Society for Neuroscience (SFN)
Society for Behavioral Neuroendocrinology (SBN)
International Society for Developmental Psychobiology (ISDP)
Organization for the Study of Sex Differences (OSSD)
American Association for Laboratory Animal Science (AALAS)

Selected Invited Talks:

Title: *The role of pubertal onset in maturation of the prefrontal cortex and cognition during adolescence.* Minisymposium: *Adolescence and Reward: Making sense of neural and behavioral changes amid the chaos*. Given at the annual meeting of the Society for Neuroscience, Washington D.C., November 2017.

Title: *Behavioral and neuroanatomical effects of perinatal exposure to corn grown with dredge material.* Workshop on Steroid Hormones and Brain Function: *Symposium title: Environmental contaminants and the brain – sex differences and endocrine activity*. March 6-10 2022, Breckenridge, CO.

Title: *Interactive effects of maternal infection and an environmentally relevant phthalate mixture on development of the medial prefrontal cortex*. University of Colorado Denver Department of Integrative Biology Spring Seminar Series. March, 2023, Denver, CO.

Title: *Behavioral and Neurodevelopmental Implications for Corn Grown on Dredged Material*. University of Illinois Department of Comparative Biology Seminar. April, 2023, University of Illinois at Urbana-Champaign, Champaign, IL.

Title: *Perinatal exposure to corn grown on dredge-amended soil alters hippocampal development and adult behavior*. November, 2023, Interdisciplinary Environmental Toxicology Training Grant Program Seminar. University of Illinois at Urbana-Champaign, Champaign, IL.

Title: *Interactive effects of maternal infection and phthalate exposure on reproductive success and development of the prefrontal cortex*. Minnesota State University, Mankato: Department of Biological Sciences Seminar, March, 2024, virtual.

Title: *My journey towards a balanced academic career at an R2 institution*. Michigan State University, Department of Reproductive and Developmental Science, RDSP Su24 Career Seminar Series, July 2024, virtual.

External Conference Presentations:

Gonzalez AJ, Durkin BD, Meszaros DP, Riesgo VR, Willing J (2024). Effects of adolescent cardiovascular and resistance training exercise in male and female rats. Animal Behavior Conference at Indiana University: Bloomington in March, 2024.

Ruby HM, Willing J (2024). Potential influences of anti-aging supplements on neonatal behaviors in *Rattus Norvegicus*. Animal Behavior Conference at Indiana University: Bloomington in March, 2024.

Durkin BD, Czuba MI, Flanigan KAS, Willing J (2024). Multigenerational effects of dredge-amended corn on behavioral development. Animal Behavior Conference at Indiana University: Bloomington in March, 2024.

Riesgo VR, Ruby HM, Czuba MI, Gonzalez AJ, Willing J (2024). Does pubertal onset affect behaviors mediated by the dopamine system? Animal Behavior Conference at Indiana University: Bloomington in March, 2024.

Ruby HM, Riesgo VR, Czuba MI, Gonzalez AJ, Willing J (2023). The Influence of Puberty on Risk-Taking and Reward-Seeking Behaviors. Society For Neuroscience Meeting in November, 2023.

Flanigan KAS, Czuba MI, Riesgo VR, Vu TN, Willing J (2023). Corn Grown on Dredge-Amended Soils Impacts Neonatal and Adult Behavior and Hippocampal Development. Society For Neuroscience Meeting in November, 2023.

Riesgo VR, Beedy TA, Thompson KM, Willing J (2023). Pubertal regulation of ventral tegmental area development. Society For Neuroscience Meeting in November, 2023.

Gonzalez AJ, Riesgo VR, Beedy TA, Ruby HR, Willing J (2023). Pubertal Regulation of Neurons in the Ventral Tegmental Area. Society for Advancement of Chicanos/Hispanics & Native Americans in Science annual meeting in October, 2023.

Gonzalez A, Durkin BD, Riesgo V, Willing J (2023). Differential effects of cardiovascular and resistance exercise on the prefrontal cortex and hippocampal neurogenesis in adolescent rats. Midwest and Great Lakes Undergraduate Research Symposium in Neuroscience, Berea, OH in October, 2023.

Durkin BD, Czuba MI, Flanigan KAS, Riesgo V, Willing J (2023). The multigenerational effects of dredge-amended corn on neonatal sensorimotor development: Preliminary findings. Midwest and Great Lakes Undergraduate Research Symposium in Neuroscience, Berea, OH in October, 2023.

Riesgo VR, Willing J (2023). The effects of pubertal onset on behaviors mediated by the dopamine system in Long Evans Rats. Animal Behavior Conference at Indiana University: Bloomington in March, 2023.

Riesgo VR, Beedy TA, Ruby HM, Thompson KM, Flanigan KAS, Willing J (2022). The effects of age and pubertal onset on development of the ventral tegmental area during adolescence. Society For Neuroscience Meeting in November, 2022.

Flanigan KAS, Czuba M, Rúa MA, Willing J (2022). Corn grown on dredge-amended soils affects hippocampal development and behavior. Society For Neuroscience Meeting in November, 2022.

Thompson K, Roush V, Willing J, Cromwell HC (2022). Pubertal Changes on Dopaminergic Populations of the Striatum. Society for Neuroscience Meeting in November, 2022.

Riesgo, V., Flanigan, K.A.S., Willing, J (2022). Ventral tegmental area development across adolescence in male and female rats. Society for Behavioral Neuroendocrinology, Atlanta, GA in June, 2022.

Woodburn MG, Riesgo VR, Willing J (2021). A role for pubertal onset in changes in midbrain dopamine neuron number during adolescence. Society for Neuroscience Meeting in November, 2021.

Riesgo VR, Sellinger EP, Juraska JM, Willing J (2021). Prenatal activation of the maternal immune system alters prefrontal cortex neuroanatomy in adult offspring. Society for Neuroscience Meeting in November, 2021.

Flanigan KA, Julian A, Riesgo VR, Rúa MA, Willing J (2021). Effects of corn grown on dredge-amended soil on hippocampal development and behavior. Society for Neuroscience Meeting in November, 2021.

Vogt M, Asberry J, Willing J (2019). Effects of developmental and acute exposure to environmental estrogenic compounds on anxiety and memory in male and female rats. Society for Neuroscience meeting, Chicago, October, 2019.

Willing J, Kougias DG, Juraska JM (2017). Effects of developmental exposure to an environmentally relevant combination of phthalates on apoptosis in the medial prefrontal cortex

of male and female rats. Annual Meeting of the Organization for the Study of Sex Differences, Montreal, QC, Canada, May 2017.

Hatcher KM, Willing J, Chiang C, Rattan S, Juraska JM, Flaws JA, Mahoney MM (2017). Transgenerational effects of di-(2-ethylhexyl) phthalate on behavior and hippocampal gene expression in male and female mice. Annual Meeting of the Society for Developmental Neurotoxicology, Denver, CO, June 2017.

Willing J, Kougias DG, Cortes LR, Drzewiecki CM, Wehreim KE, Juraska JM (2016). Long-term behavioral effects of perinatal exposure to phthalates and maternal high-fat diet in male and female rats. Annual Meeting of the Society for Neuroscience, San Diego,CA, November, 2016.

Willing J, Drzewiecki CM, Cortes LR, Juraska JM (2016). Stress during the pubertal period exerts sex-specific effects on behavior in adult rats. Annual Meeting for the International Society for Developmental Psychobiology, San Diego, CA, November 2016.

Willing J, Drzewiecki CM, Cortes LR, Juraska JM (2016). Sex-specific effects of pubertal, but not post-pubertal, stress on pre-pulse inhibition and depressive-like behavior. Annual Meeting of the Organization for the Study of Sex Differences, Philadelphia, PA, May, 2016.

Drzewiecki CM, Willing J, Juraska JM (2015). Changes in the number of synapses in the medial prefrontal cortex across adolescence. Annual meeting of the Society for Neuroscience, Chicago, IL, October, 2015.

Juraska JM, Drzewiecki CM, Cuenod BA, Cortes LR & Willing J (2015). Pubertal status affects cognitive flexibility on a water maze task in male and female rats. Annual Meeting of the Society for Neuroscience, Chicago, IL, October, 2015.

Willing J, Brodsky JM, Cortes LC, Kim TH, & Juraska JM (2015). Dopaminergic innervation of the medial prefrontal cortex in male and female rats across adolescence. Annual Meeting of the Society for Behavioral Neuroendocrinology, Pacific Grove, CA, June 2015.

Willing J, Kim TH, Brodsky JM, Cortes LC & Juraska JM (2014). The timing of neuroanatomical changes across adolescence in the male and female rat medial prefrontal cortex. Annual Meeting of the Society for Neuroscience, Washington DC, November, 2014.

Willing J, Kim TH, Brodsky JM, Cortes LC & Juraska JM (2014). Puberty-induced changes in neuron and glia number in the prefrontal cortex of male and female rats. Annual Meeting of the International Society for Developmental Psychobiology, Washington DC, November, 2014.

Willing J, Kim TH, Brodsky JM, Cortes LC & Juraska JM (2014). Sex differences in periadolescent neuronal loss in the ratmedial prefrontal cortex. Annual Meeting of the Society for Behavioral Neuroendocrinology, Sydney, Australia, 2014.

Willing J & Wagner CK (2014). Progesterone receptor activity during development is critical for cognitive flexibility performance in adulthood. Annual Meeting of the Society for Behavioral Neuroendocrinology, Sydney, Australia, 2014.

Willing J & Wagner CK (2013). Neonatal treatment with 17alpha-hydroxyprogesterone caproate decreases performance on the attentional set shift task in aduldhood. Annual Meeting of the Society for Neuroscience, San Diego, CA, November, 2013.

Willing J & Wagner CK (2012). Progesterone receptor is expressed in dopaminergic midbrain cells projecting to the medial prefrontal cortex in neonatal rats. Annual Meeting of the Society for Behavioral Neuroendocrinology, Madison, WI, June, 2012.

Willing J & Wagner CK (2011) The role of progesterone receptor in the development of dopaminergic neurons of the ventral tegmental area. Annual Meeting of the Societyfor Neuroscience, Washington DC, November 2011.

Willing J & Wagner CK (2011). The role of progesterone receptor in development of the mesocortical dopaminergic pathway. Annual Meeting of the Society for Behavioral Neuroendocrinology, June, 2011, Queratarо, Mexico.

Willing J, Gonzales KL & Wagner CK (2010). The role of the progesterone receptor in regulation of MAP-2 in the developing medial prefrontal cortex. Annual Meeting of the Society for Neuroscience, San Diego CA, November 2010.

Willing J, Costanzo V & Wagner CK (2010). Neonatal treatment with the progesterone receptor antagonist RU486 decreases tyrosine hydroxylase and MAP-2 immunoreactivity in the medial prefrontal cortex. Annual Meeting of the Society for Behavioral Neuroendocrinology, Toronto, Canada, July, 2010.

Willing J, Gonzales KL & Wagner CK (2009). Neonatal treatment with the progesterone antagonist RU486 disrupts performance on an inhibitory avoidance task in adulthood. Annual Meeting of the Society for Neuroscience, Chicago, IL, October, 2009.

Willing J, Gonzales KL & Wagner CK (2009). Progesterone receptor is transiently expressed in pyramidal cell layers of developing cortex during periods of dendritic maturation and spinogenesis. Annual Meeting of the Society for Behavioral Neuroendocrinology, Michigan State University, East Lansing, MI, June, 2009.

Beck LA, Gonzales KL, Willing J & Wagner CK (2009). Potential Role of progesterone receptor in medial preoptic area development. Annual Meeting of the Society for Neuroscience, Chicago, IL, October, 2009.