**Curriculum Vitae**

**Jessica Aurora Mong, Ph.D.**

655 West Baltimore St

Department of Pharmacology

University of Maryland School of Medicine

Baltimore, MD 21201

***jmong@som.umaryland.edu***

**Date** October 17, 2016

**Contact Information**

Business Address: Department of Pharmacology

655 West Baltimore St., Bressler Bldg. Rm 4-025

Baltimore, MD 21201

Phone: 410-706-4295

Fax: 410-706-0032

Email: jmong@som.umaryland.edu

**Education**

1987-1991 B.S. Biology, Gettysburg College

1992-1994 Biotechnology, Johns Hopkins University School of Continuing Studies

1994-2000 Ph.D. Neuropharmacology, University of Maryland Baltimore Thesis advisor: Dr. Margaret M. McCarthy

“Steroid mediated astrocyte differentiation in the developing hypothalamus: Implications for sexually dimorphic synaptic patterning”

**Post Graduate Education and Training**

2000 Post-doctoral Fellowship in Neuroscience University of Maryland School of   
 Medicine; NIH sponsored; Mentor:   
 Dr. Margaret M. McCarthy

2000-2003 Post-doctoral Fellowship in Endocrinology Rockefeller University; NIH sponsored;   
 Mentor: Dr. Donald W. Pfaff

**Employment History**

Academic Appointments

2003-2010 Assistant Professor, Department of Pharmacology,

University of Maryland School of Medicine

2010-2012 Associate Professor, Department of Pharmacology,

University of Maryland School of Medicine

2012-Present Associate Professor with Tenure, Department of Pharmacology,

University of Maryland School of Medicine

2014-Present Director of Graduate Education, Program in Neuroscience

Graduate Program in Life Sciences, University of Maryland, Baltimore

Other Employment

1991-1992 Laboratory Technician, Department of Pharmacology, Johns Hopkins University School of Medicine, Baltimore, MD

1992-1994 Research Assistant, Department of Neuroscience, Johns Hopkins UniversitySchool of Medicine, Baltimore, MD; Supervisor: Dr. Ted M. Dawson

1999 Instructor, Biology, Essex Community College, Essex, MD

**Professional Society Membership**

1996-present Society for Behavioral Neuroendocrinology, Member

1996-present Society for Neuroscience, Member

2002-2009 American Association of Anatomist, Member

2006-present Sleep Society, Member

2007-present Organization for the Study of Sex Differences, Member

2008-2015 Endocrine Society, Member

**Honors, Awards, and Invitations**

1990 Whitaker Scholar Fellowship, Pennsylvania State Medical College, Hershey PA

1997-1999 NIH Neuroscience Training Grant Fellow

1999 Alternate for Women in Neuroscience Travel Award

1999 First Place in the Graduate Student Poster Competition, 3rd Society for Behavioral Neuroendocrinology Conference, Charlottesville, VA

2000 Young Investigator Travel Award, Joint Meeting of the VIth International Conference on Hormones, Brain and Behavior and The Society for Behavioral Neuroendocrinology, Madrid, Spain

2001 National Science Foundation Young Investigator Award, Workshop on Steroid Hormones and Brain Function, Breckenridge, CO

2002 Research highlighted on the cover of *Journal of Neuroendocrinology*, February

2002 Lalor Foundation Trainee Travel Fellowship, Society for the Study of Reproduction, Baltimore, MD

2002 Trainee Research Award Recipient, Society for the Study of Reproduction, July, Baltimore, MD

2003 NIH BIRCWH Scholar, Training grant for “Building Independent Research Careers in Woman’s Health, awarded to the University of Maryland, Baltimore, July

2003 PEW Scholars Program, University of Maryland, Baltimore Nominee, November

2004 Teaching Commendation in “*Pathophysiology &Therapeutic, I Neuroscience Unit 2 2003-2004”* given by the University of Maryland School of Medicine Class of 2006

2004 Recipient of the PhRMA Foundation (Pharmaceutical Research and Manufactures of America Foundation) Research Starter Grant in Pharmacology and Toxicology, January

2004 Searle Scholars Grant Program, University of Maryland System Nominee, September

2004 Research highlighted at the *Neuroscience of Sleep and Circadian Biology DataBlitz*, Presentation sponsored by the NIH National Center on Sleep Disorders Research, and the NIH Sleep Disorders Research Advisory Board, October, San Diego, CA

2005 Teaching Commendation in “*Pathophysiology &Therapeutic, I Neuroscience Unit 2 2004-2005”* given by the University of Maryland School of Medicine Class of 2007

2006 Research highlighted at the *Neuroscience of Sleep and Circadian Biology DataBlitz*, October, Atlanta, GA

2006 Society for Neuroscience Abstract on “Methamphetamine facilitates female sexual behavior” chosen for inclusion in the Press Book, October, Atlanta, GA

2006 Teaching Commendation in “*Pathophysiology &Therapeutic, I Neuroscience Unit 2 2005-2006”* given by the University of Maryland School of Medicine Class of 2008

2008 American Association of Anatomist Outreach grant to support “Sex differences in Sleep” symposium at the OSSD annual meeting

2008 Society for Neuroscience Abstract on *“The role of the medial amygdala in Methamphetamine facilitation of female sexual behavior”* chosen for inclusion in the Press Book, November, Washington, DC

2009 Lead Guest Editor (Invited) for Special Issues entitled “Sleep and the Endocrine Brain” in the International Journal of Endocrinology

2009 Nature and Science of Sleep, Honorary Editorial Board

2010 Society for Neuroscience Abstract on “Methamphetamine augments progesterone action in the medial amygdala (MeA): A potential mechanism for drug-enhanced female sexual behavior” chosen for inclusion in the Press Book, November, San Diego, CA

2011 Invited discussion leader for “NeurOnLine” sponsored by the Society for Neuroscience. Discussed sex disparities in sleep and biological rhythms, September

2011 Editorial Board of ISRN Neuroendocrinology

2012 Society for Behavioral Neuroendocrinology nomination for Treasure

2012 Selected participant for the 2012 Mid-Career Women Faculty Professional Development Seminar, Austin Texas

2013 Invited participant for the Society of Women’s Health Research (SWHR) roundtable on “Sex Differences and Sleep”; Section Chair, *Biological basis for sex and gender differences in sleep.* Washington, DC, October

2014 Standing member and Co-Chair, SWHR, Interdisciplinary research network for the Studies in Sex-Differences in Sleep Health

**Administrative Service**

Institutional Service

2003-2004 Pharmacology Departmental Seminar Series Committee, *Member*

2003-2007 Program in Neuroscience Annual Retreat Committee, *Member*

2004-2007 Pharmacology Departmental Seminars Series Committee, *Chair*

2004-2006 Pharmacology Space Evaluation Committee, *Member*

2005 Graduate Research Conference, *Judge*

2005-2006 Hugh Pritchard Memorial Lecture Committee, *Member*

2005-2006 Intramural Grant Competition Committee, *Member*

2005-2007 Program in Molecular Medicine Admissions Committee, *Member*

2005-2012 Program in Neuroscience Seminar Series Committee, *Co-Chair*

2005-2014 Program in Neuroscience Training Committee, *Member*

2005-present Women’s Health Research Group Grant Program Committee, *Member*

2006-present Program in Neuroscience Curriculum Committee, *Member*

2006-present University of Maryland, School of Medicine Admissions Committee, *Interviewer*

2006-present Women’s Health Research Group Executive Committee, *Member*

2007-present BIRCWH Internal Advisory Committee, *Member*

2007 BIRCWH Scholar Recruitment Committee, *Member*

2008 LCME survey visit, Junior Faculty team

2008 Graduate Student Award in Pharmacology and Experimental Therapeutics Selection Committee, *Chair*

2009-2012 University of Maryland, School of Medicine Judicial Review Board, *Member*

2009-2014 Internal Steering Committee for the NICHD Brain and Tissue Bank, *Member*

2009 BIRCWH Scholar Recruitment Committee, *Chair*

2009 Curriculum committee for CMPP (combined Molecular Pharmacology and Physiology Track in GPILS), *Member*

2009 Program in Toxicology, Admissions Committee, *Member*

2010 Pharmacology Departmental Committee -promotion of Dr. G. Sabnis, *Member*

2011 Pharmacology Departmental Faculty Recruitment Committee, *Member*

2011 Program in Neuroscience Qualify Examination Committee, *Member*

2011-2012 Pharmacology Departmental Faculty Recruitment Committee, *Chair*

2012 BIRCWH Scholar Recruitment Committee, *Chair*

2012-2015 Basic Science Faculty Representative, SOM Executive Committee, *Alternate*

2013-present Dean’s Information Technology Advisory Affairs Committee, *Member*

2013 CINTG Postdoctoral Training Grant Training Committee, *Member*

2014 Graduate School Inquiry Committee for Misconduct in Scholarly Work, *Chair*

2014-present Program in Neuroscience Training Committee, *Chair*

2014 School of Nursing, Faculty Search Committee, *Member*

2015 MPRC Special Review Committee, *Member*

2015 BIRCWH Scholar Recruitment Committee, *Chair*

2015-present MSTP Advisory Committee, *Member*

2015-2018 Basic Science Faculty Representative, SOM Executive Committee, *Voting member*

2016 Department of Pharmacology Faculty Search Committee, *Member*

2016 BIRCWH Scholar (Ana Pocivavsek) Mentor Committee, *Member*

National Service

2004-2009 Annual Meeting Program Committee, American Association of Anatomist, *Member*

2005-2007 Society for Behavioral Neuroendocrinology website committee, *Member*

2006-2007 Center for Scientific Review, BDCN Fellowship Panel Study Section, *Ad Hoc Member*

2007-2011 Organization for the Study of Sex Differences Program Committee, *Member*

2006-2008 Neuroscience of Sleep and Circadian Biology DataBlitz Program Committee, *Member*

2007-2008 Center for Scientific Review, ICP1 Fellowship Panel Study Section, *Ad Hoc Member*

2008-2010 Society for Behavioral Neuroendocrinology Nominations Committee, *Member*

2009 International Peer Review Panel (Life Science II panel) for the Korean Ministry of Education, Science, and Technology's World Class University Program, *Member*

2009-present Society for Behavioral Neuroendocrinology advisory committee, *Member*

2009-2012 *Endocrinology,* editorial board, *Member*

2012 Center for Scientific, ZRG1 IFCN-Q Special Emphasis Panel, *Ad Hoc Member*

2012-2015 Society for Behavioral Neuroendocrinology program committee, *Member*

2012-present Greater Baltimore Chapter for Neuroscience, Executive Committee, *Member*

2012-2015 Greater Baltimore Chapter for Neuroscience, Executive Committee, *Treasurer*

2013 Reviewer, CSR ZRG1 EMNR-S Small Business Endocrinology and Reproduction Panel

2013 Reviewer and Chair, CSR ZRG1 IFCN-Z Special Emphasis Panel

2014 Reviewer, CSR Integrative and Clinical Endocrinology and Reproduction Panel *(ad-hoc)*

2014 Reviewer, CSR ZRG1-IFCN-Z-02, Special Emphasis Panel

2014 Reviewer, CSR Integrative and Clinical Endocrinology and Reproduction Panel *(ad-hoc)*

2014-present Standing member and Co-Chair, SWHR, Interdisciplinary research network for the Studies in Sex-Differences in Sleep Health

2015-present *Hormones and Behavior,* editorial board, *Member*

2015 Reviewer, CSR Integrative and Clinical Endocrinology and Reproduction Panel *(ad-hoc)*

2015 Reviewer, CSR ZRG1-IFCN-Z-02, Special Emphasis Panel

2015 Reviewer, CSR Biobehavioral Regulation, Learning and Ethology (BRLE) Study Section *(as-hoc)*

2016 Reviewer, CSR ZRG1-IFCN-Z-55, Special Emphasis Panel

2016 Reviewer, National Science Foundation Panel, Integrative Organismal Systems

2016 Invited Mentor, Organization for the Study of Sex Differences, Mentoring Lunch

2016Reviewer, CSR Neuroendocrinology, Neuroimmunology, Rhythms and Sleep (NNRS) Study Section (NNRS) Study Section *(as-hoc)*

**Invited Reviewer for the following Journals**

2004 Behavioral Neuroscience, Brain Research, Neuroscience,

2005 Brain Research, Developmental Neurobiology, Environmental Research, Hormones and Behavior, Neuroscience Letters, Neuroscience

2006 Frontiers in Neuroendocrinology, Hormones and Behavior, Journal of Neurobiology, Journal of Neuroendocrinology, Neuroscience, Reproductive Toxicology, Toxicology and Applied Pharmacology

2007 European Journal of Neuroscience, Journal of Neurobiology, Journal of Neuroendocrinology, Neuroscience, Physiology & Behavior

2008 Brain Research, Endocrinology, Hormones and Behavior, Journal of Comparative Neurology, Journal of Neurobiology, Journal of the Neurological Sciences, Journal of Sexual Medicine, Neuroscience, Physiology & Behavior, Toxicology and Applied Pharmacology

2009 Anatomical Record, Behavioral Brain Research, Behavioral Neuroscience, Biological Psychiatry, Brain Research, Endocrinology, International Journal of Endocrinology, Journal of Neurobiology, Journal of Neuroendocrinology, Journal of Sexual Medicine, Journal of Steroid Biochemistry and Molecular Biology, Neuroscience, Neuroscience Letters, Neuroreport, Physiology and Behavior, Psychiatry Research, Regulatory, Integrative and Comparative Physiology, Toxicology and Applied Pharmacology

2010 Biology of Sex Differences, Endocrinology, Frontiers in Neuroendocrinology, International Journal of Endocrinology, International Journal of Obesity, Journal of Sexual Medicine, Reviews in Endocrine and Metabolic Disorders

2011 Asian Journal of Andrology, Behavioral Brain Research, Brain Research, Endocrinology, Frontiers in Neuroendocrinology, Genes, Brain and Behavior, Hormones and Behavior, International Journal of Endocrinology, Journal of Comparative Neurology, Journal of Neuroendocrinology, Journal of Neuroscience Research, Life Sciences, Physiology & Behavior, Reviews in Endocrine and Metabolic Disorders

2011 Endocrinology, Hormones and Behavior, Brain Research, Journal of Neuroendocrinology, Journal of Comparative Neurology

2012 Endocrinology, Genes, Brains and Behavior, Hormones and Behavior, Brain Research, Journal of Comparative Neurology, Journal of Neuroendocrinology, Journal of Neuroscience

2013 Behavioral Neuroscience, Endocrinology, European Journal of Neuroscience, Hormones and Behavior, Journal of Neuroscience, Molecular and Cellular Endocrinology, PloS One, Physiology and Behavior

2014 Endocrinology, European Journal of Neuroscience, Hormones and Behavior, Molecular and Cellular Endocrinology, PloS One, Physiology and Behavior

2015 Behavioral Brain Research, Behavioral Neurology, Cerebral Cortex, Endocrinology, European Journal of Neuroscience, Frontiers Behavioral Neuroscience, Frontiers in Neuroendocrinology, Journal of Steroid Biochemistry and Molecular Biology, Physiology and Behavior

2016 Behavioral Brain Research, Biological Psychiatry, Frontiers Behavioral Neuroscience, Journal of Neuroscience, Molecular and Cellular Neuroscience, Scientific Reports, Sleep, Physiology and Behavior

**Teaching Service**

High School Student Teaching/Mentoring

2000-2003 *Mentor*, Science Out Reach Program, Rockefeller University, 1 high school student per school year, weekly contact

2004 *Mentor,* REAP minority apprenticeship program, 1 high school student, daily contact for the summer

2004 –2007 *Mentor,* MAGNET Program of Howard County, 1-2 high school students per school year, biweekly contact (minimum)

2009 *Mentor,* UMB Summer Program, 1 high school student, daily contact for the summer

2016 *Mentor,* Summer Bioscience Internship Program/ YouthWorks, 1 high school student, daily contact for the summer

Undergraduate Student Teaching/Mentoring

2005 *Mentor* UMB Summer Program, 1 Towson University undergraduate, daily contact for the summer

2008-2009 *Mentor* UMBC Honors Internship Program, 1 undergraduate through school year, biweekly contact (minimum)

Medical Student Teaching/Mentoring

Mentoring

2006 *Mentor,* SOM First year student volunteer, weekly contact

2010 *Mentor,* SOM First year student, Summer Research Project, daily contact

Lectures (UMSOM)

2004-2014 Small Groups: Non-Steroidal Anti-Inflammatory Drugs, Peripheral Nervous System Review, Reproductive Pharmacology and Pharmacokinetics

2004-present Antiepileptic Drugs in *Pathophysiology &Therapeutic, Neuroscience Unit*

2004-2015 CNS drug intoxication in *Pathophysiology &Therapeutic, Neuroscience Unit*

2005-present Antidepressant Drugs in *Pathophysiology &Therapeutic, Neuroscience Unit*

2006-2007 Visual System in Neuroscience Block (First years)

2007-present Antipsychotic and Neuroleptics in *Pathophysiology &Therapeutic, Neuroscience Unit*

2007 Adrenals & Steroids in *Pathophysiology &Therapeutic, Endocrine Pharmacology Unit*

2015-present Hypothalamus I: Organization & Function in *Neuroscience Unit* 1st year

2015-present Hypothalamus II: Regulatory Systems in *Neuroscience Unit* 1st year

2016 Neurobiology of Sleep (2 class units) in *Neuroscience Unit* 1st year

Graduate Student Teaching/Mentoring (UMB)

Mentoring

2004-2009 Tamara Blutstein, Program in Neuroscience, University of Maryland, Baltimore, *Ph.D.* *Thesis Advisor*

Currently a postdoctoral fellow at Tuft’s University School of Medicine in the Laboratory of Dr. Philip Haydon, Chair, Neuroscience Department

2005-2006 Tessie Paulose, Department of Pharmacology and Experimental Therapeutics, *Masters Thesis Advisor*

2005-2011 Mary K. Holder, Program in Neuroscience, University of Maryland, Baltimore, *Ph.D. Thesis Advisor*

Currently a postdoctoral fellow at Georgia State University in the Laboratory of Dr. Geert De Vries, Professor, Director of the Neuroscience Institute.

2006-2012 Tracey Hermanstyne, Program in Neuroscience, University of Maryland, Baltimore, *Ph.D. Thesis Advisor* (with Hiroaki Misono)

Currently a postdoctoral fellow at Washington University School of Medicine

2009-2014 Danielle Cusmano, Program in Neuroscience, University of Maryland, Baltimore, *Ph.D. Thesis Advisor*

Currently a postdoctoral fellow at University of Pennsylvania School of Medicine

2011-2015 Mark Schultz, Program in Neuroscience, University of Maryland, Baltimore, *Ph.D. Thesis Advisor,* Currently a postdoctoral fellow at MERCK

2012-2016 Katrina Williams, Program in Molecular Medicine University of Maryland, Baltimore, *Ph.D. Thesis Advisor*

2012-2017 Sarah Rudzinkas, Program in Neuroscience, University of Maryland, Baltimore, *Ph.D. Thesis Advisor*

Thesis Committees

2003-2005 **Gennel Hilton**, Department of Physiology, University of Maryland, Baltimore, PhD Thesis Committee *Member*

2004-2006 **Takisha Schulterbrandt**, Department of Anatomy and Neurobiology University of Maryland, Baltimore, PhD Thesis Committee *Member*

2004-2007 **David T. Yeung**, Department of Pharmacology and Experimental Therapeutics, University of Maryland, Baltimore, PhD Thesis Committee *Member*

2004-2005 **Sandra Nauman**, Department of Physiology, University of Maryland, Baltimore, Master’s Thesis Committee *Member*

2004-2008 **Jacyln Schwarz**, Program in Neuroscience, University of Maryland, Baltimore, PhD Thesis Committee *Member and Thesis Reader*

2005-2008 **Samantha Wales**, Department of Pharmacology and Experimental Therapeutics, PhD Thesis Committee *Member*

2005-2009 **Christopher Wright**, Program in Neuroscience, University of Maryland, Baltimore, PhD Thesis Committee *Member and Thesis Reader*

2005-2009 **Kathryn Burke**, Program in Neuroscience, University of Maryland, Baltimore, PhD Thesis Committee *Member and Graduate School Representative*

2005-2010 **Jennifer Laing**, Department of Pharmacology and Experimental Therapeutics, PhD Thesis Committee *Member and Thesis Reader*

2005-2010 **Carrie Stamp**, Program in Neuroscience, University of Maryland, Baltimore, PhD Thesis Committee *Member*

2006-2011 **Kimberly M. McDowell**, Program in Neuroscience, University of Maryland, Baltimore, PhD Thesis Committee *Member and Thesis Reader*

2006-2011 **Aubrey Siebert,** Program in Neuroscience, University of Maryland, Baltimore, PhD Thesis Committee *Member and Graduate School Representative*

2009-2012 **LaShauna Evans,** Program in Molecular Medicine, University of Maryland, Baltimore, PhD Thesis Committee, *Co-Chair with Loren Thomson*

2009-2012 **Akina Hoshina**, Program in Neuroscience, University of Maryland, Baltimore, PhD Thesis Committee *Member*

2011-2014 **Jessica Knutson,** Program in Neuroscience, University of Maryland, Baltimore, PhD Thesis Committee *Member*

2011-2014 **Jacob Skovira ,** Molecular Medicine Program, University of Maryland, Baltimore, PhD Thesis Committee *Member and Thesis Reader*

2012-2015 **Dominque Bollino,** Program in Molecular Medicine, University of Maryland, Baltimore, PhD Thesis Committee *Member and Thesis Reader*

2013-2016 **Tyler Demerest ,** Program in Neuroscience, University of Maryland, Baltimore, PhD Thesis Committee *Member and Thesis Reader*

2015-present **Lindsay Pickett,** Program in Neuroscience, University of Maryland, Baltimore, PhD Thesis Committee *Member*

2016-present **SaiSachin Divakaruni,** Program in Neuroscience/MSPT Program, University of Maryland, Baltimore, PhD Thesis Committee *Member*

Rotation Students (UMB)

2003 Jacyln Schwarz, Program in Neuroscience

2004 Nadia M. Dominique*,* Program in Neuroscience

2004 Tamara Blutstein, Program in Neuroscience

2004 Marie Pohle Hemlet, Program in Neuroscience

2005 Stephanie Cerceo-Page, Program in Neuroscience

2006 Mary K. Holder, Program in Neuroscience

2007 Tracey Hermanstyne, Program in Neuroscience

2009 Danielle Cusmano, Program in Neuroscience

2009 Hannah Fink, Toxicology Program

2010 Richard Burke, Toxicology Program

2011 Sarah Rudzinkas, Program in Neuroscience

2011 Katrina Williams, Program in Molecular Medicine

2013 Lindsay Pickett, Program in Neuroscience

2016 Jaclyn Highland, Toxicology Program

UMB Graduate School Lectures

2003 & 2004 Introduction to Pharmacology, MPET 603, lecture entitled “*Apoptosis and Cell Adhesion”*

2004 Biochemical Pharmacology, MPET 604, lecture entitled “*HRT and the Brain”*

2004 Biotechnology, MPET 612, lecture entitled “*Genomic Technology in Biomedical Research and Drug Discovery/Development”*

2004-2006 Integrative Pharmacology, MPET 615 lecture entitled “*Neuropeptides”*

2004 Developmental Neurobiology, MPET 627 lecture entitled “*Sexual Differentiation of the Brain”*

2004 & 2006 Modern Neuroanatomical Techniques, NACS 777 lecture entitled “*Quantitative Data Analysis”*

2005 Neuroendocrinology, MPHY 613 lecture entitled “*Neuroendocrinology of Reproductive Behaviors”*

2005 Neuroendocrinology, MPHY 613 lecture entitled “*Sleep and Circadian Rhythms”*

2005 & 2006 Introduction to Neuroscience, NACS 641 lecture entitled *“Circadian timing/sleep and dreaming”*

2007 & 2009 GPILS 613, Neuroendocrinology lecture entitled *“Neuroendocrinology of Reproductive Behaviors”*

2006-2009 GPILS 645, Physiological basis of Molecular Medicine lecture entitled “*Central Control of Ovulation: the endocrine brain”*

2006-present GPILS Core Course lecture entitled “*Receptor Pharmacology: Binding”*

2007-present GPILS 623, Molecular Toxicology, lecture entitled “*Nuclear receptor-mediated toxicity”*

2007-present GPILS 604, Neuropharmacology: Basic to Clinical Approaches, ***Course Director;*** *lectures given “Neuropharmacology Cellular and Molecular Approaches”, “Neuroactive Peptides”, “Gabaergic System” (2008), “Pharmacology of Sleep” (2008), Glial Pharmacology (2011)*

2007-present GPILS 641, Systems Neuroscience lecture entitled “*Sleep and Dreaming”*

2010 GPILS 627, Developmental Neurobiology, lectures entitled “*Sexual Differentiation of the Brain” and “Glial Development and Myelination.*

2013 GPILS Readings in Neuroendocrinology, Course Director

2014 GPILS 735 Behavioral Neuroscience, *“Biological Rhythmicity of Behavior”*

2015 GPILS 613 Neuroendocrinology, Course Director

Post-graduate Teaching/Mentoring

2006-2008 Dr. Marie H. Hadjimarkou *current position,* Assistant Professor, Department of Psychology, University of Cyprus, Nicosia, Cyprus

2009-2011 Dr. Michael D. Schwartz *current position, Scientist, faculty, SRI International, Palo Alto, California*

Faculty Mentoring

2013-2016 Centers of Biomedical Research Excellence (COBRE) grant mentor for Jaclyn Schwarz, Assistant Professor, University of Delaware, Delaware Center for Neuroscience Research.

2015-Present BIRCWH (Building Interdisciplinary Research Careers in Women’s Health) Scholar mentor for Dr. Ana Pocivavsek, Assistant Professor, Department of Psychiatry, University of Maryland, School of Medicine.

**Grant Support**

**Active**

09/15/2015-8/14/2019 Role: PI 30% Effort

“Mechanisms Governing the Estrogenic Modulation of Sleep”

NIH/NHLBI, R01 HL129138

Annual Direct Cost: $250,000

Total Direct Cost: $1,000,000

08/01/2016-07/31/2017 Role: PI

Administrative Supplement from ORWH

“Mechanisms Governing the Estrogenic Modulation of Sleep”

Total Cost: $100, 000

09/01/00 - 08/31/19 Role: PI 10% Effort

T32 NS4074 Training Program in Integrative Neuroscience

Training grant provides six pre-doctoral slots for students in their first two years.   
Direct costs awarded: $855,920

07/01/2011-4/30/17 Role: PI 50% Effort “Methamphetamine Induced Neuroplasticity and Female Reproductive Health”

NIDA 1R01DA030517-01A1

Annual Direct Cost: $220,000

Total Direct Cost: $1,650,000

No cost extension

**Pending**

*Scored*

Role: Co-PI (MPI)

R21 AG050254-01

“Sleep hot flashes and cognition”

*Impact 29; Percentile 15*

**Complete**

09/24/12-09/23/14 Role: Mentor

“Modulation of REM sleep circuitry and involvement of hypocretin in female rats”

1F31AG043329-01 Cusmano (PI)

07/01/2003-03/01/2005 Role: Scholar (Dr. Patricia Langenberg, PI)

Building Interdisciplinary Research Careers in Women’s Health (BIRCWH)

NIH K12 HD43489

01/01/2004-12/31/2006 Role: PI

“Hormonal Modulation of Lipocalin-type Prostaglandin D Synthase: Potential Roles in Sleep”

PhRMA Foundation Research Starter Grant in Pharmacology and Toxicology

Annual Direct Cost: $30,000

Total Direct Cost: $60,000

07/01/2004-06/30/2005 Role: PI

“Role of Hormonally-Responsive Astrocytes in the Modulation of

Excitatory Amino Acid Neurotransmission”

Bressler Intramural Grant

Total Cost: $15,000

09/01/2004-08/31/2005 Role: PI

“Estradiol Modulation of Sleep: actions in ventrolateral preoptic area”

Women's Health Research Group Intramural Grant Total Cost: $9,000

08/01/2005-07/31/2011 Role: PI

“Hormonal modulation of sleep-wake cycles”

NHLBI R01 HL85037-01

Total Cost: $1,125,000

6/01/2006-05/31/2007 Role: Co-PI (with Loren Thomson)

“Effect of maternal smoking on proinflammatory cytokine expression in the fetal brain and heart

University of Maryland, Other Tobacco Related Diseases Faculty Research Grant Program

Annual Direct Cost: $50,000

06/01/2007-05/31/2008 Role: Co-PI (with Loren Thomson)

“Effect of maternal smoking on proinflammatory cytokine expression in the fetal brain and heart”

University of Maryland, Other Tobacco Related Diseases Faculty Research Grant Program

Annual Direct Cost: $50,000

06/01/2008-05/31/2009 Role: Co-PI (with Loren Thomson)

“Effect of prenatal nicotine on oxidative damage of fetal organs”

University of Maryland, Other Tobacco Related Diseases Faculty Research Grant Program

Annual Direct Cost: $50,000

09/01/2007-08/31/2009 Role: Mentor (Award to Tamara Blutstein, graduate student)

“Methamphetamine enhances the motivation for female rat sexual behavior”

NINDS, National Research Service Award, 1F31NS059166-01A1

Annual Direct Cost: $28,900

5/01/2009-06/30/2011 Role: PI 10% Effort

“Etiology of Sleep Disorders in ASD (Autism Spectrum Disorders): Role for Inflammatory Cytokines”

Department of Defense Autism Research Program**,** AR080087

Annual Direct Cost: $75,000

Note: only 13% recommended for funding.

06/01/2009-05/31/2011 Role: Mentor (Award to Mary K. Holder, graduate student)

“Methamphetamine enhances the motivation for female rat sexual behavior”

NIDA, National Research Service Award, F31DA024943-01A1

Annual Direct Cost: $28,900

07/01/2009-06/30/2011 Role: PI Administrative Supplement from ARRA

“Hormonal modulation of sleep-wake cycles”

Administrative Supplement

NIH/NHLBI, 3R01HL085037-04S1 Annual Direct Cost: $75,000

Total Direct Cost: $112, 830

9/30/2009-3/31/2011 Role: PI 20% Effort

“Sleep Disorders in PTSD: Role for Inflammatory Cytokines”

Deployment Related Medical Research Program 2008 Hypothesis Development Award, DR080525

Annual Direct Cost: $100,000

Total Direct Cost: $150,000

Note: only 6% recommended for funding.

09/01/2009-08/31/2011 Role: Co-I 10% Effort

PI: Istvan Merchenthaler

“Novel treatment of menopausal hot flushes with para-quinol of estrogen”

NIA/NIA 3RO1AG031535-01S1

Annual Direct Cost: $309,336

Total Direct Cost: $705,517

**Publications**

Peer-reviewed journal articles

1. V.L. Dawson, **J.A. Mong** and T. M. Dawson (1994) Expression of inducible nitric oxide synthase causes delayed neurotoxicity in primary mixed neuronal-glial cortical cultures. *Neuropharmacology* 33**:**1425-1430.
2. C. Aoki, C. Venkatesan, C.G. Go, **J.A. Mong** and T. M. Dawson (1994) Cellular and subcellular localization of NMDA-R1 subunit immunoreactivity in the visual cortex of adult and neonatal rats.  *J. Neurosci.* 14**:**5202-5222.
3. W. Wu, F. J. Liuzzi, F.P. Schinco, A.S. Depto, Y. Li, **J.A. Mong**, T. M. Dawson and S.H. Snyder (1994) Neuronal nitric oxide synthase is induced in spinal neurons by traumatic injury. *Neuroscience* 61**:** 719-726.
4. **J.A.** **Mong,** R.L.Kurzweil, A. M. Davis, M.S. Rocca and M. M. McCarthy (1996) Evidence for sexual differentiation of glia in rat brain. *Horm.Behav.* 30: 553-562.
5. **J.A. Mong,** E. Glaser, and M.M. McCarthy (1999) Gonadal steroids promote glial differentiation and alter neuronal morphology in the developing hypothalamus in a regionally specific manner. *J. Neurosci.* 19: 1464-1472.
6. **J.A. Mong,** R.C. Roberts, J.J. Kelley and M.M. McCarthy (2001) Gonadal steroids reduce axospinous synapses in the developing rat arcuate: An electron microscopy analysis. *J. Comp. Neurol.* 432**:**259-267.
7. **J.A. Mong,** J Nuñez and M.M. McCarthy (2002) GABA mediates steroid-induced astrocyte differentiation in the neonatal rat hypothalamus. *J. Neuroendo.* 14:45-55.
8. **J.A. Mong,** and M.M. McCarthy (2002) Ontogeny of sexually dimorphic astrocytes in the

neonatal rat arcuate. *Dev. Brain Res.* 139:151-158.

1. **J.A. Mong,** N. Devidze, D.E. Frail, L. O’ Connor, E. Choleris, S. Ogawa andD.W.Pfaff (2003) Estradiol regulation of lipocalin-type prostaglandin D synthase transcript levels in the rodent brain: evidence from high density oligonucleotide arrays and in situ hybridization. *Proc. Natl. Acad. Sci. USA,* 100: 318-323*.*
2. **J.A. Mong**, N. Devidze, K. and D.W. Pfaff(2003) Reduction of prostaglandin D synthase in the preoptic area of female mice mimics estradiol effects on arousal and sex behavior. *Proc. Natl. Acad. Sci. USA,* 100:15206-11*.*
3. **J.A. Mong**, and D.W. Pfaff (2004) The Hormonal Symphony: Steroid-Orchestration of Gene Modules for Sociosexual Behaviours. *Mol Pysch,* 9:550-556*.*
4. N. Devidze, **J. A. Mong**, A. M. Jasnow, L. M. Kow and D.W. Pfaff (2005) Sex differences and estrogenic effects on differential co-expression of various mRNA populations in single ventromedial hypothalamic neurons. *Proc Natl Acad Sci U S A*. 102:14446-51.
5. L. E. Lauer, M. M. McCarthy, **J. A. Mong**, and A. Kane (2006) Sex differences in neuronal morphology in the killifish hypothalamus. *Brain Res* 1070:145-149.
6. **J. A. Mong** and T. Blutstein (2006) Estradiol modulation of astrocytic form and function: implications for hormonal control of synaptic communication. *Neuroscience,* 138: 967–975.
7. T. Blutstein, N. Devidze, E. Choleris, A.M. Jasnow, D.W. Pfaff, and **J.A. Mong** (2006) Oestradiol upregulates glutamine synthetase mRNA and protein expression in the hypothalamus and hippocampus: implications for a role of hormonally responsive glia in amino Acid neurotransmission. *J.* *Neuroendocrinol*. 18:692-702.
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9. E. Choleris, **J.A. Mong^**, S.R. Little^, S.V. Puram, R. Langer and D.W. Pfaff (2007) Microparticle-based delivery of oxytocin receptor antisense DNA in the medial amygdala blocks social recognition in female mice. *Proc Natl Acad Sci U S A*. 104:4670-4675.
10. A.M. Jasnow, **J.A. Mong**, R.D. Romeo and D.W. Pfaff (2008) Estrogenic regulation of gene and protein expression within the amygdala of female mice. *Endocrine.* 32:271-9.
11. M. M. Hadjimarkou, R Benham, J.M. Schwarz,M. K. Holder and **J. A. Mong** (2008) Estradiol Suppresses Rapid Eye Movement Sleep and Activation of Sleep-Active Neurons in the Ventrolateral Preoptic Area. *Eur J. Neurosci,* 27:1780-1792.
12. B. Han, N. S. Altman, **J. A. Mong**, L. Cousino -Klein, D.W. Pfaff, and D.J. Vandenbergh (2008) Comparing Quantitative Trait Loci and Gene. *Advances in Bioinformatics: Advances in Bioinformatics,* vol. 2008, Article ID 719818, 6 pages, 2008. doi:10.1155/2008/719818*.*
13. T. Blutstein, P. J. Baab, H. R. Zielke and **J. A. Mong** (2009) Hormonal modulation of amino acid metabolism in the arcuate nucleus of the adult female rat: A novel action of estradiol. *Endocrinology,* 150:3237-44*.*
14. M.K. Holder, M.M. Hadjimarkou, S.L. Zup, T. Blutstein, R. Benham, M.M. McCarthy,and **J. A. Mong**(2010) Methamphetamine facilitates female sexual behavior and enhances neuronal activation in the medial amygdala and ventromedial nucleus of the hypothalamus. *Psychoneuroendocrinology*, 35:197-208.
15. K.A. McDowell, M.M. Hadjimarkou, S. Viechweg, A. E. Rose, S.M. Clark, P.J. Yarowsky, **J.A. Mong** (2010) Sleep alterations in an environmental neurotoxin-induced model of parkinsonism. *Exp Neurol.,* 226:84-9.
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17. M.K. Holder and **J.A. Mong** (2010) Methamphetamine enhances paced mating behaviors and neuroplasticity in the medial amygdala of female rats. *Horm Behav.,* 58:519-25.
18. L.P. Thompson, H. Liu, L. Evans, **J.A. Mong** (2011) Prenatal Nicotine Increases Matrix Metalloproteinase 2 (MMP-2) Expression in Fetal Guinea Pig Hearts. *Reprod Sci.* 18:1103-1110.
19. M.D. Schwartz and **J.A. Mong** (2011) Estradiol Suppresses Recovery of REM Sleep Following Sleep Deprivation in Ovariectomized Female Rats. *Physiol and Behav* 104:962-967.
20. T. Blutstein, M.A. Castello, S.S. Viechweg, M.M. Hadjimarkou, J.A. McQuail, M. Holder, L.P. Thompson, and J.A. Mong (2012) Differential Responses of Hippocampal Neurons and Astrocytes to Nicotine and Hypoxia in the Fetal Guinea Pig. Neurotox Res. 2012 Nov 29. [Epub ahead of print]
21. M.D. Schwartz and **J.A. Mong** (2013) Estradiol modulates recovery of REM sleep in a time-of-day-dependent manner. *Am J Physiol Reg, Integ, Comp Physiol,* 305:271-80
22. T.O. Hermanstyne, K. Subedi, W.W. Le, G.E. Hoffman, A.L. Meredith, **J.A. Mong^** and H. Misonou^ (2013) Kv2.2: a novel molecular target to study the role of Basal forebrain GABAergic neurons in the sleep-wake cycle. *SLEEP,* 36:1839-1848. ^ Corresponding Authors
23. D.M. Cusmano, M.M. Hadjimarkou and **J.A. Mong** (2014) Gonadal steroid modulation of sleep and wakefulness in male and female rats is sexually differentiated and neonatally organized by steroid exposure. *Endocrinology* 155:204-214.
24. D.M. Cusmano, and **J.A. Mong**. (2015) In Utero Exposure to Valproic Acid Changes Sleep in Juvenile Rats: A Model for Sleep Disturbances in Autism. *SLEEP,* 37(9):1489-99*.*
25. M.D.Skopin, S.V. Kabadi, S.S. Viechweg, **J.A.Mong**, A.I. Faden (2015) Chronic decrease in wakefulness and disruption of sleep-wake behavior after experimental traumatic brain injury. *J Neurotrauma.* 32(5):289-96
26. M.K. Holder, S.S. Viechweg and **J.A. Mong** (2015) Methamphetamine-enhanced female sexual motivation is dependent on dopamine and progesterone signaling in the medial amygdala. *Horm Behav.* 67:1-11.
27. S.A. Rudsinskas and **J.A. Mong** (2016) Androgen-primed castrate males are sufficient for methamphetamine-facilitated increases in proceptive behavior in female rats. *Horm Behav* 78:52-59
28. N.J. Gervais, S.S. Viechweg, **J.A. Mong\***, and A. Lacreuse\*(2016) The middle-aged ovariectomized marmoset (Callithrix jacchus) as a model for menopausal symptoms: preliminary evidence. *Neuroscience* 337:1-8 *.*
29. K. Williams and **J.A. Mong** (2017) Methamphetamine and Ovarian Steroid Responsive Cells in the Posteriodorsal Medial Amygdala are Required for Methamphetamine-enhanced Proceptive Behaviors. *Scientific Reports* 7:39817*.*

^ Contributed equally

**\*** Senior Authors; Contributed equally

Peer-reviewed reviews

1. M.M. McCarthy, A.M. Davis, and **J.A. Mong** (1997) Excitatory neurotransmission and sexual differentiation of the brain. *Brain Res Bull* **44**:487-495.
2. **J.A.** **Mong,** and M.M. McCarthy (1999) Steroid induced developmental plasticity in hypothalamic astrocytes: implications for synaptic patterning. *J. Neurobiol.*  40:602-619.
3. M.M. McCarthy, A.P. Auger, **J.A. Mong**, M.J. Sickel and A.M. Davis (2000) Antisense oligonucleotides as a tool in developmental neuroendocrinology. In: *Methods*: *A Companion to Methods in Enzymology-Antisense in Neuroendocrinology.* (ED) I.D. Neumann, Academic Press, 22: 239-248.
4. M.M. McCarthy, S.K. Amateau, and **J.A. Mong** (2002) Steroid modulation of astrocytes in the neonatal brain: Implications for adult reproductive function. *Biol Reprod* 67:691-698.
5. **J.A. Mong,** C.J. Krebs and D.W. Pfaff (2002) Micoarrays and Differential Display PCR: Tools for studying transcript levels of genes in neuroendocrine systems. *Endocrinology* 143:2002-2006*.*
6. **J.A. Mong,** and D.W. Pfaff (2003) Hormonal and genetic influences underlying arousal as it drives sex and aggression in animal and human brains. *Neurobiol Aging:* 24 Suppl 1: S83-88.
7. **J.A. Mong,** A. Easton**,** L-M Kowand D.W. Pfaff (2003) Neural, hormonal and genetic mechanisms for the activation of brain and behavior*. Eur J Pharm* 480:229– 231.
8. T. T. Chu, M. Y. Fink, **J. A. Mong**, G. John, A. P. Auger, Y. Ge and S. C. Sealfon (2007) Views from the Bench: Effective use of microarrays in neuroendocrine research. *J. Neuroendocrinol.,* 19:1-17.
9. K. Gagnidze, D. W. Pfaff and **J. A. Mong\*** (2010) Gene expression in neuroendocrine cells during the critical period for sexual differentiation of the brain. *Prog Brain Res.,* 186:97-111
10. **J. A. Mong\***, F. C. Baker, M. M. Mahoney, K. N. Paul, M. D. Schwartz, K. Semba, R. Silver (2011) Sleep, Rhythms, and the Endocrine Brain: Influence of Sex and Gonadal Hormones. *J. Neurosci.,* 31:16107-16116
11. A. Lacreuse, **J.A. Mong,** and Y. Hara (2015) Neurocognitive effects of estrogens across the adult lifespan in nonhuman primates: State of knowledge and new perspectives. *Horm Behav* 74:157-166.
12. **J.A. Mong** and D.M. Cusmano (2016) Sex differences in sleep: impact of biological sex and sex steroids. *Phil. Trans. R. Soc. B* 371.

**\*** Denotes senior author

Editorials

1. **J.A. Mong\*,** D. Suchecki, K. Semba, and B. L. Parry (2010) Sleep and the Endocrine Brain. Int J Endocrinol. Article ID 967435, doi:10.1155/2010/967435
2. **J.A. Mong\*,** and Margaret M. McCarthy (2012) Brain sexual differentiation: clues toward the understanding of neural dysfunctions. Rev Endocr Metab Disord. 13(3):149. doi: 10.1007/s11154-012-9222-8.

Book Chapters

1. **J.A. Mong,** A.W. Lee, A. Easton, and D.W. Pfaff (2006) Cellular and mechanisms underlying sexual arousal. *Women’s Sexual Function and Dysfunction: Study, Diagnosis and Treatment,* Edited by I. Goldstein, C.M. Meston, S.R. Davis and A.M. Traish, New York, Taylor and Francis.

Edited Journals

1. International Journal of Endocrinology, Special Issue (2010), “Sleep and the Endocrine Brain” Lead Guest Editor: **J.A. Mong,** Co-Editors: D. Suchecki, K. Semba, B. Parry.

2. Reviews in Metabolic and Endocrine Disorders, Special Issue (in Progress) “Brain Sexual Differentiation” Guest Editors: **J.A. Mong** and M. M. McCarthy.

**Major Invited Speeches**

1. **J.A.** **Mong,** and M. M. McCarthy (2001) *Gonadal-Steroid Mediated Astrocyte Differentiation in the Developing Hypothalamus: Implications for sexually dimorphic synaptic patterning*. Young Investigators Symposium, Workshop on Steroid Hormones and Brain Function, Breckenridge, CO.
2. **J.A.** **Mong,** and M. M. McCarthy (2002) *Gonadal-Steroid Modulation of Astrocytes in the Developing and Adult Brain: Implications for sexually dimorphic synaptic patterning, physiology and behavior*. Invited Symposium, 5th Society for Behavioral Neuroendocrinology Conference, Amherst, MA.
3. **J. A. Mong**, E. Choleris, N. Devidze and D.W. Pfaff (2002) *Microarray and subsequent in situ hybridization analyses: Methods for high throughput identification of novel estrogen-regulated mRNA's in female mouse forebrain*. Workshop on Functional Genomics in Neuroendocrinology, Berkeley, CA.
4. **J.A.** **Mong** (2003)*Wake-up and Smell the Estrogen-- Estradiol regulation of lipocalin-type prostaglandin D synthase: a potential molecular mechanism for estrogen-regulated increases in animal activity*. Invited Symposium, Chicago Society for Neuroscience Annual Meeting, Chicago, IL.
5. **J.A.** **Mong** (2003)*Estradiol Modulation of Astrocyte Responsiveness in the Rodent Brain: Implications for sexually dimorphic synaptic patterns, physiology and behavior.* Invited Symposium, Loyola School of Medicine, Chicago, IL.
6. **J.A.** **Mong** (2003)*Estradiol regulation of lipocalin-type prostaglandin D synthase: a potential molecular mechanism for estrogen-regulated increases in activity*. Invited Seminar, Columbia University, New York, NY.
7. **J.A.** **Mong** (2003)Workshop on “Functional Genomics in Behavioral Endocrinology” *Co-Chair*, 6th Society for Behavioral Neuroendocrinology Conference, Cincinnati, OH.
8. **J.A.** **Mong** (2003)*Estrogen Mediated Neuronal-Glial interactions in the Rodent Brain: From gene expression to behavior*. Invited Seminar, Texas A&M, College Station, Texas.
9. **J.A.** **Mong** (2004)Symposiumon “Neuronal-Glial Interactions in the Neuroendocrine Brain” *Chair*; *Estradiol regulation of L-PGDS and implications for sleep*. *Presenter*, American Association of Anatomists Annual Meeting, Washington, DC.
10. **J. A. Mong** (2004) *Estradiol Modulation of Neuronal-Glial Interactions in the Rodent Brain: Implications for neuroprotection and neuroregeneration*. Invited Symposium, II International Congress on Neuroregeneration, Rio de Janeirio, Brazil.
11. **J. A. Mong** (2005) *Role of Hormonally-Responsive Astrocytes in the Modulation of Amino Acid Neurotransmission*. Invited Symposium, 3rd International Meeting on Steroids and the Nervous System, Torino Italy.
12. **J. A. Mong** (2005) *Wake-up and Smell the Estrogen- A role for gonadal hormones in sleep-wake cycles*. Invited Lecture Colloquium on Science, Summer 2005, University of Maryland School of Medicine, Baltimore, MD.
13. **J. A. Mong** (2005) *Estradiol Modulation of the VLPO: A potential mechanism underlying the hormonal control of sleep-wake cycles*. Interdisciplinary Women’s Health Research Symposium, Office of Research on Women’s Health, Washington, DC.
14. **J. A. Mong** (2005) *Wake Up and Smell the Estrogen: Ovarian Hormones and Sleep*. Invited Seminar. Distinguished Scholar Lecture Series, Brain and Behavior Program, Georgia State University, Atlanta, GA.
15. **J. A. Mong** (2006) *Tracking Hormonal Modulation of Sleep Cycles with Telemetry*. Invited Lecture. Telemetry Educational Symposium. Data Sciences International, Baltimore, MD.
16. **J. A. Mong** (2007) *Getting Excited Over Estrogen: The role of estradiol in glutamatergic neurotransmission*. Invited Symposium. Howard University, Washington, DC.
17. **J.A. Mong** (2008) *Platform Session Chair,* Neurobiology of CNS Diseases. American Association of Anatomists Annual Meeting, San Diego, CA.
18. **J.A. Mong** (2008) Symposiumon “Sex Differences in Sleep” *Chair; Cellular Mechanisms Underlying Sex Differences in Sleep*. *Presenter*, Organization for the Study of Sex Differences (OSSD) annual meeting, New Orleans, LA.
19. **J.A. Mong** (2008) *Understanding Hormonal Modulation of Sleep: Implications for Women and Aging*. Invited Lecture. National Heart Lung and Blood Institute, Rockville, MD.
20. **J.A. Mong** (2009) Symposium co-Chair, “Sleep and metabolism: its more than just what you eat” American Association of Anatomists Annual Meeting, San Diego, CA.
21. **J.A. Mong** (2009) *Tracking Hormonal Modulation of Sleep with Telemetry: Insights into the cellular mechanisms of sleep*. Invited lecture, Physiological Biomarkers in Laboratory Animal Models Meeting, Battelle Eastern Science & Technology Center, Aberdeen, MD.
22. **J.A. Mong** (2009) *Sex and Drugs and the Medial Amygdala: Methamphetamine facilitation of female sexual behavior.* Invited Seminar, Molecular Neuropsychiatry Research Branch NIH/NIDA, Baltimore, MD.
23. **J.A. Mong** (2011) *Hormonal Modulation of Sleep: Insights into the Cellular Mechanisms Controlling Sleep.* Invited Seminar, Gettysburg College, Gettysburg, PA
24. **J.A. Mong** (2011) Mechanisms Underlying Ovarian Hormone Modulation of Sleep: What rodent studies tell us about the implications on women's health. Invited Symposium, World Sleep 2011, Kyoto Japan
25. **J.A. Mong** (2011) “Sleep, Rhythms, and the Endocrine Brain”, Mini-Symposium Chair, Society for Neuroscience annual meeting, Washington, DC
26. **J.A. Mong** (2013) “Ovarian Steroid Regulation of Sleep: What rodent studies tell us about implications to women's health”, Invited Seminar, Dalhousie University, Halifax, NS
27. **J.A. Mong** (2013) “To sleep, perchance to dream: the impact of sex and gonadal steroids” Invited Seminar, University of Massachusetts, Amherst, MA
28. **J.A. Mong** (2014) “Impact of menopause on sleep” 2014 Tay Gavin Erickson Lecture event. Center for Research on Families, University of Massachusetts , Amherst, MA
29. **J.A. Mong** (2014) Symposiumon “Sleep Disruptions Associated with Neuropsychiatric and Degenerative Disorders: Implications, Preclinical Models and Development of Novel Pharmacotherapies”. *Presenter*, “In utero exposure to valproic acid changes sleep patterns in juvenile rats: a potential preclinical model for studying sleep disturbances in autism spectrum disorders” ASPET 2014, San Diego, CA
30. **J. A. Mong** (2014) “The median preoptic nucleus (MnPN): a key site for estradiol mediated changes in sleep” Contributed Talk. 8th International Conference on Hormones, Brain, and Behavior. University of Liege, Liege, Belgium.
31. **J.A. Mong** (2014) “Identification of Preoptic Area Nuclei Mediating Estrogenic Modulation of Sleep in a Rodent Model” Invited Seminar, SRI, Palo Alto, CA
32. **J.A. Mong** (2015) “To Sleep, Perchance to Dream: The Impact of Sex and Hormones” ” Invited Seminar, Brown University, Providence, RI
33. **J.A. Mong** (2015) Symposiumon “Sleep and Sex” *Presenter*, “*Sex differences and the role of estrogen in sleep: what rodents can tell us about mechanism”* Organization for the Study of Sex Differences 2015, Stanford University, Palo Alto, CA
34. **J.A. Mong** (2015) Symposiumon “It’s the Hormones: Impact of Estrogen on Sleep and Circadian Rhythms in Women” *Presenter*, “*To Sleep, Perchance to Dream: Lessons from a rodent model on mechanisms underlying estrogenic regulation of sleep”.* SLEEP 2015, Seattle, Washington
35. **J.A. Mong** (2015) “To Sleep, Perchance to Dream: The Impact of Sex and Hormones” Invited Seminar, Scientific Interest Group on Chronobiology and Sleep” National Institutes of Health, Bethesda, MD
36. **J.A.Mong** (2015) Symposium on “Sleep and Chronobiology “ Chair and *Presenter,* “To Sleep, Perchance to Dream: Impact of biological sex and gonadal steroids” XIII Latin American Symposium on Chronobiology, 2015, Bragança Paulista, São Paulo, Brazil.
37. **J.A. Mong** (2015) 2015 Festival of Science “Understanding Disorders of the Brain” *Presenter*, “To Sleep, Perchance to Dream: Impact of Gender/Sex and Steroids” University of Maryland, Baltimore
38. **J.A. Mong** (2015) Visiting Scholar Talk for the Department of Psychiatry and Biological Sciences “The Impact of Biological Sex and Hormones on Sleep”. Stanford University, Palo Alto, CA.
39. **J.A. Mong** (2016) Symposiumon “What Should Behavioral Neuroendocrinologists Be Telling Breast Oncologists About Estrogens And The Brain?” *Presenter*, “*Estrogens and Sleep: Implications of antiestrogen therapy on sleep in breast cancer patients”* Society for Behavioral Neuroendocrinology 2016, Montréal, Canada.

**Proffered Communications**

1. **J.A.** **Mong,** A.M. Davis, R.L. Kurzweil and M.M. McCarthy (1996) Sex differences in astroglial responsiveness to hormonal manipulations in neonatal rats. 28th Conference on Reproductive Behavior, Montreal, Canada.
2. M.M. McCarthy, A.M. Davis, H.R. Besmer, **J.A. Mong** and R.L. Kurzweil (1996) Mechanisms of sexual differentiation of the brain: Does transient excitation mediate masculinization? Conference on Reproductive Behavior, Montreal, Canada.
3. M.M. McCarthy, A.M. Davis, and **J.A. Mong** (1996) Excitatory neurotransmission and sexual differentiation of the brain. Italian Journal of Anatomy and Embryology. 101-Suppl.1:30-31.
4. **JA Mong,** A.M. Davis, R.L. Kurzweil and M.M. McCarthy (1996) Sex differences in hormonal responsiveness of arcuate astroglia in neonatal rat brain. *Soc.Neurosci.Abst.* 22**:**755.
5. **J.A Mong**, J. Lazar, T.L. Dellovade, M. Kapadia, L. Detolla, S.F. Yu, D.W. Pfaff, P. Hauser, and M.M. McCarthy (1997) A Transgenic mouse expressing a mutated thyroid receptor-bhas altered glial morphology in the CA3 region of the hippocampus and reduced behavioral sensitivity to estrogen. Society for Behavioral Neuroendocrinology and the 29th Conference on Reproductive Behavior, Baltimore, MD.
6. S.A. Laessig, **J.A. Mong**, J.A. Flaws, A. Hirshfield, E. Silbergeld, and M.M. McCarthy (1997) Effects of prenatal exposure to the pesticide, kepone, on open field behavior and SDN-volume in the rat. Society for Behavioral Neuroendocrinology and the 29th Conference on Reproductive Behavior, Baltimore, MD.
7. **J.A. Mong,** and M.M. McCarthy (1997) Neuronal spine densities in the developing rat hypothalamus. *Soc.Neurosci.Abst.* 23:341.
8. S.A. Laessig, **J.A. Mong**, J.A. Flaws, A. Hirshfield, E. Silbergeld, and M.M. McCarthy (1997) Prenatal exposure to the chlorinated pesticide, kepone, has estrogenic effects on open field behavior and SDN-volume in the adult rat. *Soc.Neurosci.Abst.* 23:1936.
9. **J.A. Mong,** and M.M. McCarthy (1998) The hormonal responsiveness of arcuate astrocytes in neonatal rats is estrogen dependent. 2nd Society for Behavioral Neuroendocrinology Conference, Atlanta, GA.
10. **J.A. Mong,** and M.M. McCarthy (1998) Estrogen mediates the hormonal responsiveness of arcuate astrocytes in the neonatal rats. *Soc.Neurosci.Abst.* 24**:**220.5
11. **J.A. Mong,** and M.M. McCarthy (1999) GABA as a mediator of estrogen induced astrocyte differentiation in the neonatal rat arcuate nucleus. 3rd Society for Behavioral Neuroendocrinology Conference, Charlottesville, VA.
12. **J.A. Mong,** and M.M. McCarthy (1999) Gonadal steroid-induced astrocyte differentiation in the neonatal rat arcuate nucleus in mediated by GABA. *Soc.Neurosci.Abst.* 25**:**197.5.
13. M.M. McCarthy, and **J.A** **Mong** (2000) Estrogen effects on neuronal-glial interactions in the developing hypothalamus. The Endocrine Society Annual Meeting, Toronto, Canada.
14. **J.A. Mong,** R.C. Roberts, J.J. Kelley and M.M. McCarthy (2000)Gonadal steroids orchestrate sexually dimorphic synaptic patterns in the arcuate nucleus in early postnatal development: an electron microscopy analysis. Joint Meeting of the VIth International Conference on Hormones, Brain and Behavior and The Society for Behavioral Neuroendocrinology, Madrid, Spain.
15. **J.A. Mong,** R.C. Roberts, J.J. Kelley and M.M. McCarthy (2000)Gonadal steroids reduce axospinous synapses and increase astrocyte surface area in the neonatal rat arcuate. *Soc.Neurosci.Abst .* New Orleans, LA.
16. S.K. Amateau, **J.A. Mong** and M.M. McCarthy (2000) Steroid-mediated differentiation of astrocytes in the rat perinatal POA. *Soc.Neurosci.Abst .* New Orleans, LA.
17. M.M. McCarthy , **J.A** **Mong** andS. K. Amateau (2001) Estradiol mediates sexually dimorphic astrocyte and neuronal morphology via multiple mechanisms. The Society of the Study of Reproduction Annual Meeting, Ottawa, Ontario, Canada.
18. **J.A.** **Mong,** S. Ogawa, K.S. Korach, and D.W.Pfaff (2001) Estrogen receptor  but not estrogen receptor b knockout mice lack astrocyte responsiveness to estradiol in the arcuate. *Soc.Neurosci.Abst.* 27:408.5.
19. **J.A.** **Mong,** J. Alt., F. Miele, S. Legan, K. Grergerson, W. W. Le, G.E. Hoffman and M. M. McCarthy (2002) Evidence that GABA-mediated sexual differentiation of arcuate astrocytes is necessary, but not sufficient, to prevent hormonal induction of an LH-surge in rats. The Society of the Study of Reproduction Annual Meeting, Baltimore, MD.
20. **J.A. Mong,** andD.W.Pfaff (2002) Differential regulation of Prostaglandin D synthetase mRNA in the medial preoptic area and the medial basal hypothalamus of adult female mice. 5th Society for Behavioral Neuroendocrinology Conference, Amherst, MA.
21. E Choleris, **JA. Mong**, and D.W. Pfaff (2002) Measurements and Manipulation of Transcripts and their function in neuroendocrine systems. In: NICHHD/NIH expert symposium on “Emerging Technologies in Neural Biology”, Bethesda, MD.
22. **JA. Mong**, N. Devidze, E Choleris, and D.W. Pfaff (2002) Estradiol (E2) differentially regulates prostaglandin D synthetase (PGDS) mRNA in ventrolateral preoptic area and medial basal hypothalamus of adult female mice. *Soc.Neurosci.Abst.* 574.4 *Abstract Viewer, Society for Neuroscience, CD-ROM.*
23. N. Devidze, **J.A. Mong**, K. Fujimori, Y. Urade, and D.W. Pfaff(2002) Lipocalin-type prostaglandin D synthase (L-PGDS) gene expression is regulated by estradiol in glioma cells. *Soc.Neurosci.Abst.* 574.5 *Abstract Viewer, Society for Neuroscience, CD-ROM.*
24. S.H. Kia, **J.A. Mong** and D.W. Pfaff (2002) Estradiol (E2) up-regulation of glutamine synthase (GS) mRNA in the medial basal hypothalamus (MBH) and amygdala: implications for glia in hormonal modulation of neuronal function. *Soc.Neurosci.Abst.* 863.1 *Abstract Viewer, Society for Neuroscience, CD-ROM.*
25. **J.A. Mong**, N. Devidze, and D.W. Pfaff(2003) Estradiol Regulation of Lipocalin Prostaglandin D Synthase: a potential molecular mechanism for estrogen-regulated increases in motor activity. 7th Society for Behavioral Neuroendocrinology Conference, Cincinnati, OH.
26. A.M. Jasnow, **J.A. Mong,** D.W. Pfaff. Estrogen regulates CaMK gene expression in the amygdala of female mice. Program No. 82.3. *2003 Abstract Viewer/Itinerary Planner.* Washington, DC: Society for Neuroscience.
27. **J.A. Mong**, N. Devidze, A.M. Jasnow, D.W. Pfaff. Reduction of lipocalin - prostaglandin D synthase (L-PGDS) by LNA antisense oligonucleotides (ODN) in the preoptic area of female mice mimics estradiol (E2) effects on general arousal, locomotion and sex behavior. Program No. 402.7. *2003 Abstract Viewer/Itinerary Planner.* Washington, DC: Society for Neuroscience.
28. N. Devidze, **J.A. Mong**, L.M. Kow, D.W. Pfaff. Differential CO - expression of various mRNA populations in single ventromedial hypothalamic neurons. Program No. 504.3. *2003 Abstract Viewer/Itinerary Planner.* Washington, DC: Society for Neuroscience.
29. E. Choleris, S.R. Little, **J.A. Mong**, R. Langer, D.W. Pfaff. Antisense DNA against oxytocin receptor mRNA from microspheres in the medial amygdala blocked social recognition in female mice. Program No. 839.7. *2003 Abstract Viewer/Itinerary Planner.* Washington, DC: Society for Neuroscience.
30. L-M. Kow, N Devidze, A. Ragnauth, S. Ogawa, **J. A. Mong**, and D. Pfaff (2004) Mechanisms for sexual differences in rodent behaviors: Electrophysiological and molecular biological findings. The 81st Annual Meeting of the Physiological Society of Japan, Higashi-Sapporo, Japan.
31. J. M. Schwarz and **J.A. Mong** (2004) Estradiol modulates activity of the sleep neurons in the ventrolateral preoptic area. 8th Society for Behavioral Neuroendocrinology Lisbon, Portugal.
32. J. M. Schwarz and **J.A. Mong** (2004) Estradiol suppress activation of sleep neurons in the adult rat ventrolateral preoptic area (VLPO). *Society for Neuroscience* , 34th annual meeting, San Diego, CA.
33. N.M. Dominique A.M. Yankah and **J.A. Mong** (2004) Estradiol suppression of sleep active neurons in the ventrolateral preoptic area (VLPO) is potentially mediated by estrogen receptor alpha. *Society for Neuroscience*, 34th annual meeting, San Diego, CA.
34. **J.A. Mong** and Tamara Blutstein (2005) Estradiol modulation of glutamine synthetase in the rodent brain: implications for neuroprotection. Gordon Research Conferences on Glial-Neuronal Interactions, Ventura CA.
35. Tamara Blutstein and **J.A. Mong** (2005) Estradiol up-regulates glutamine-synthetase expression in the medial basal hypothalamus and hippocampus of adult rodents. 9th Society for Behavioral Neuroendocrinology, Austin, Texas.
36. **J.A. Mong**, N. Devidze, D.J. Vandenbergh and D.W. Pfaff (2005) Lipocalin Prostaglandin D Synthase (L-PGDS) is sexually differentiated in the hypothalamus (HYP) and preoptic area (POA) of neonatal mice. *Society for Neuroscience*, 35th annual meeting , Washington, DC.
37. Tamara Blutstein and **J.A. Mong** (2005) Hormonal modulation of the glutamate-glutamine cycle in the adult rodent brain. *Society for Neuroscience*, 35th annual meeting, Washington, DC.
38. M.K. Holder, S.L. Zup, R. Benham, M.M. Mccarthy, and **J.A. Mong** (2006) Methamphetamine facilitates female sexual behavior. 10th Society for Behavioral Neuroendocrinology, Pittsburgh, PA.
39. T. Paulose and **J.A. Mong** (2006) Sex differences in the expression of thrombospondin in the neonatal rat brain. 10th Society for Behavioral Neuroendocrinology, Pittsburgh, PA.
40. R. Benham, M. Holder, M.M. Hadjimarkou, **J.A. Mong** (2006) Estradiol increases cfos expression in the ventro-lateral preoptic area (VLPO) of the female adult rat after sleep accumulation. 10th Society for Behavioral Neuroendocrinology, Pittsburgh, PA.
41. T. Blutstein and **J.A. Mong** (2006) Cellular expression of glutamine synthetase in the arcuate nucleus of adult rats. 10th Society for Behavioral Neuroendocrinology, Pittsburgh, PA.
42. T. Paulose and **J.A. Mong** (2006) Sex differences in the expression of thrombospondin in the neonatal rat brain. *Society for Neuroscience* , 36th annual meeting, Atlanta, GA.
43. T. Blutstein and **J.A. Mong** (2006) Estradiol increases the expression of glutamine synthetase and glutaminase in the arcuate nucleus of adult rats. *Society for Neuroscience*, 36th annual meeting, Atlanta, GA.
44. M.K. Holder, S.L. Zup, R. Benham, M.M. Mccarthy, and **J.A. Mong** (2006) Methamphetamine facilitates female sexual behavior. *Society for Neuroscience*, 36th annual meeting, Atlanta, GA.
45. R. Benham, M. Holder, M.M. Hadjimarkou, **J.A. Mong** (2006) Estradiol activation of sleep active neurons in the ventrolateral preoptic area (VLPO) is dependant on circadian timing. *Society for Neuroscience* , 36th annual meeting, Atlanta, GA.
46. M.K. Holder, M.M. Hadjimarkou, C.A. Cornil, G.F. Ball, M.M. McCarthy and **J.A. Mong** (2007) Methamphetamine activation of the neural circuitry involved in female sexual behavior. 11th Society for Behavioral Neuroendocrinology, Asilomar Conference Center, Pacific Grove, CA.
47. T. Blutstein, L. Risley, B.K. Yamamoto, and **J.A. Mong**(2007) Estradiol modulates vesicular glutamate content in the arcuate nucleus. 11th Society for Behavioral Neuroendocrinology, Asilomar Conference Center, Pacific Grove, CA.
48. M.M. Hadjimarkou and **J.A. Mong** (2007) Hormonal effects on sleep architecture and neuronal activation in sleep and arousal brain nuclei in female rats. 11th Society for Behavioral Neuroendocrinology, Asilomar Conference Center, Pacific Grove, CA.
49. T. Blutstein, L. Risley, B.K. Yamamoto, and **J.A. Mong**(2007) Estradiol modulates vesicular glutamate content in the arcuate nucleus *Society for Neuroscience*, 37th annual meeting, San Diego, CA.
50. M.K. Holder, M.M. Hadjimarkou, C.A. Cornil, G.F. Ball, M.M. McCarthy and **J.A. Mong** (2007) Methamphetamine activation of the neural circuitry involved in female sexual behavior. *Society for Neuroscience* , 37th annual meeting, San Diego, CA.
51. M.M. Hadjimarkou and **J.A. Mong** (2007) Effects of exogenously administered estradiol benzoate and progesterone on sleep architecture and Fos immunoreactivity in sleep and arousal centers in the female rat brain. *Society for Neuroscience*, 37th annual meeting, San Diego, CA.
52. K.A. McDowell, K.M. Valentino, N.V. Dugger, W.-B. Shen, S.M. Clark, M.M. Hadjimarkou, **J.A. Mong** and P.J. Yarowsky (2007) Parkinsonism in rats induced by consumption of cycad neurotoxin. *Society for Neuroscience*, 37th annual meeting, San Diego, CA.
53. M.M. Hadjimarkou and **J.A. Mong** (2007) Estradiol is the gonadal hormone responsible for increased arousal and suppression of sleep in female rats. Abstract #188.3. 2008 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
54. P.J. Yarowsky, Z.Z. Li, N.V. Dugger, **J.A. Mong**, W.-B. Shen (2008) Astroglial dysfunction in amytrophic lateral sclerosis (ALS): glutamate/glutamine expression and disease progression in G93A-SOD1 transgenic rat. Abstract #745.9 2008 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
55. M.K. Holder, and **J.A. Mong** (2008) Medial amygdala activation may underlie methamphetamine-induced facilitation of female sexual behavior. Abstract #866.9. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
56. T. Blutstein, P.J. Baab, H.R. Zielke, and **J.A. Mong** (2008) Estradiol modulates glutamate metabolism in the arcuate nucleus of adult female rat. Abstract #865.6. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
57. M.A. Comberiate, Jr., J.A. McQuail2, M.M. Hadjimarkou, T. Blutstein, M.K. Holder, L. Thompson and **J.A. Mong** (2008) Neural inflammation induced by prenatal nicotine exposure. Abstract #360.2. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
58. K. A. McDowell, M. M. Hadjimarkou, S. M. Clark, A. E. Rose, W.-B. Shen, N. V. Dugger, H. A. Jinnah, **J.A. Mong** and P. J. Yarowsky (2008) Sleep alteration in an environmental neurotoxin-induced model of Parkinson’s disease. Abstract #586.6. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
59. M.K. Holder and **J.A. Mong** (2009) Methamphetamine enhances paced mating behaviors. 13th Society for Behavioral Neuroendocrinology East Lansing, MI.
60. T. Blutstein, P.J. Baab, H.R. Zielke, and **J.A. Mong** (2009) Estradiol modulates neurotransmitter metabolism in the arcuate nucleus of the adult female rat. 13th Society for Behavioral Neuroendocrinology, East Lansing, MI.
61. S. Viechweg**,** M.D. Schwartz, M.M. Hadjimarkou, **J.A. Mong** (2009) Modulatory effects of estradiol on sleep homeostasis in the female rat. 13th Society for Behavioral Neuroendocrinology, East Lansing, MI.
62. **E. Choleris**, A. Phan, V. Roberts, **J.A. Mong**, R. Abadilla, M.M. Clark (2009) Estrogen receptor alpha and oxytocin: Relation to male Mongolian gerbil parental and social behaviors. Program No. 466.4. Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, Online.
63. T. Blutstein, S. Veichweg, **J.A. Mong** (2009) Amino acid neurotransmitters may play a role in the estradiol mediated decrease in food intake in the adult female rat. Program No. 87.21. Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, Online.
64. **J.A. Mong**, S. Viechweg, M.M. Hadjimarkou, M.D. Schwartz (2009) Modulatory effects of estradiol on sleep homeostasis in the female rat. Program No. 376.23. Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, Online.
65. M.K. Holder and **J.A. Mong** (2009) Methamphetamine enhances sexual motivation in female rats. Program No. 465.8. Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, Online.
66. M. K. Holder, and **J. A. Mong** (2010) Methamphetamine induces progesterone receptor expression in in the medial amygdala (MeA): A potential mechanism for drug-enhanced female sexual behavior. 14th Society for Behavioral Neuroendocrinology, Toronto Canada.
67. A. Phan, V. Vivekananthan, V. Roberts, **J.A. Mong,** R. Abadilla, E. Choleris, M. M. Clark (2010) Vasopressin and oxytocin in relation to male Mongolian gerbil parental and social behavior. 14th Society for Behavioral Neuroendocrinology, Toronto Canada.
68. D. M. Cusmano, M. A. Castello, **J. A. Mong** (2010) Sleep patterns are changed in a developmental model of autism spectrum disorder. 14th Society for Behavioral Neuroendocrinology, Toronto Canada.
69. M. D. Schwartz and **J. A. Mong** (2010) Estradiol facilitates REM sleep recovery following sleep deprivation in a phase-dependent manner. Program No. 500.4 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, Online.
70. M. K. Holder, and **J. A. Mong** (2010) Methamphetamine augments progesterone action in the medial amygdala (MeA): A potential mechanism for drug-enhanced female sexual behavior. Program No. 595.2 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, Online.
71. D. M. Cusmano, M. A. Castello, **J. A. Mong** (2010) In utero exposure to valproic acid changes sleep patterns in juvenile rats: A potential model for studying sleep disturbances in autism spectrum disorders. Program No. 906.11 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, Online.
72. A. Phan, L. M. Mison, V. Roberts, E. Choleris, R. Abadilla, **J. A. Mong**, M. M. Clark. (2011) Progesterone and estrogen receptor alpha expression in relation to male Mongolian gerbil parental and social behaviors. 15th Society for Behavioral Neuroendocrinology, Queretaro, Mexico
73. M. K. Holder, and **J. A. Mong** (2011) A role for the medial amygdala in female sexual motivation. 15th Society for Behavioral Neuroendocrinology, Queretaro, Mexico
74. E. Choleris, A. Phan, L. M. Mison, V. Roberts, R. Abadilla, **J. A. Mong**, M. M. Clark (2011) Progesterone and estrogen receptor alpha expression in relation to male Mongolian gerbil parental and social behaviors. Program No. 86.20 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
75. T. O. Hermanstyne, **J. A. Mong**, H. Misonou (2011) Basal forebrain Kv2.2-GABAergic neurons are involved in promoting wakefulness in the mouse Program No. 505.20 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
76. M. K. Holder, S. S. Veichweg, R. D. Burke, **J. A. Mong** (2011) Medial amygdala (MePD) catecholamines mediate methamphetamine-enhanced proceptive sexual behaviors. Program No. 714.13 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
77. D. M. Cusmano, M. M. Hadjimarkou, S. S. Viechweg, **J. A. Mong** (2011) Early exposure to gonadal hormones organizes sleep behavior in adult rats Program No. 721.18 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
78. D. M. Cusmano, M. M. Hadjimarkou, S. S. Viechweg, **J. A. Mong** (2012) Early exposure to gonadal hormones organizes sleep behavior in adult rats Abstract # 0139 26th Annual Meeting of the Associated Professional Sleep Societies, Boston, MA
79. H. Misonou, T. Hermanstyne, A. Meredith, G. Hoffman, **J. Mong** (2012) A novel molecular target to study the role of basal forebrain GABAergic neurons in the sleep-wake cycle. Program No. 432.18 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, Online.
80. E. Choleris, A. Phan, K. J. M. Laing, L. M. Mison, V. Vivekananthan, R. Abadilla, **J. A. Mong**, M. M. Clark (2012) Neuropeptide and hormone receptor changes in mongolian gerbils following parental experience in Mongolian gerbils. Program No. 483.23 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, Online.
81. D. M. Cusmano, S. S. Viechweg, **J. A. Mong** (2012) Blockade of estrogenic action in the MnPN disrupts sleep/wake behavior in the female rat. Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, Online.
82. D. M. Cusmano, S. S. Viechweg, **J. A. Mong** (2013) Blockade of estrogenic action in the MnPN disrupts sleep/wake behavior in the female rat. Abstract # 0020 27th Annual Meeting of the Associated Professional Sleep Societies, Baltimore, MD.
83. D. M. Cusmano, and **J. A. Mong** (2013) Estrogen receptor alpha expression in hypothalamic sleep nuclei and its role in sleep and wakefulness. Program No. 659.01 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, Online.
84. D. M. Cusmano, and **J. A. Mong** (2014) The sleep promoting effect of DORA-12 is sex dependent in rats. Program #0134. 28th Annual Meeting of the Associated Professional Sleep Societies, Minneapolis, MN.
85. S. Rudzinskas,and **J.A. Mong** (2014) Methamphetamine Mediates Increased Female Sexual Motivation In Response to Relevant Cues. 8th International Conference on Hormones, Brain, and Behavior, (IHCBB), University of Liege, Belgium.
86. K. Williams and **J.A. Mong** (2014) Ovarian Hormones Modulate MAPK in the Nucleus Accumbens and Posteriodorsal Medial Amygdala. 8th International Conference on Hormones, Brain, and Behavior, (IHCBB), University of Liege, Belgium.
87. D. M. Cusmano, and **J. A. Mong** (2014) The sleep promoting effect of DORA-12 is sex dependent in rats. 8th International Conference on Hormones, Brain, and Behavior, (IHCBB), University of Liege, Belgium.
88. K. Williams and **J. A. Mong** (2014) Ovarian hormones modulate MAPK in the nucleus accumbens but not the amygdala. Program No. 167.01 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
89. S. Rudzinskas and **J. A. Mong** (2014) Methamphetamine mediates increased female sexual motivation in response to relevant cues. Program No. 167.06 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
90. I. J. Merchenthaler, M. V. Lane, S. Viechweg, **J. A. Mong** (2014) 17β-estradiol regulates diurnal tail skin temperature of male rats. Program No.448.04. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
91. D. M. Cusmano, and **J. A. Mong** (2014) The sleep promoting effect of DORA-12 is sex dependent in rats. Program No.549.06. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, Online.
92. N.J. Gervais, S. S. Viechweg, A. Lacreuse, and **J.A. Mong** (2015) Estradiol, Sleep, and Cognition In Female Marmosets. 19th Society for Behavioral Neuroendocrinology, Pacific Grove, CA.
93. S. Rudzinskas and **J.A. Mong** (2015) A Potential Mechanism through Progesterone Receptor and Oxytocin Signaling for Methamphetamine- facilitated Sex Behavior. 19th Society for Behavioral Neuroendocrinology, Pacific Grove, CA.
94. K. Williams and J.A. Mong (2015) Ovarian hormones and methamphetamine act on the same population of neuronsin the posteriodorsal medial amygdala to enhance behavior in female rats. 19th Society for Behavioral Neuroendocrinology, Pacific Grove, CA.
95. N.J. Gervais, S. S. Viechweg, A. Lacreuse, and **J.A. Mong** (2015) Estradiol modulates sleep, thermoregulation, and cognition in ovariectomized female marmosets. Program No.167.16. Neuroscience Meeting Planner. Chicogo, IL Society for Neuroscience, Online.
96. S. Rudzinskas, S. Jurado, and **J.A. Mong** (2016*)* The converging roles of dopamine receptor, progesterone receptor, and neuronal activation in the medial amygdala to mediate female sexual motivation. 20th Society for Behavioral Neuroendocrinology, Montreal, Quebec.
97. K. Williams and J.A. Mong (2016) Src Kinase is Implicated in Meth-Induced Increased in Proceptivity. 20th Society for Behavioral Neuroendocrinology, Montreal, Quebec.
98. N.J. Gervais, K. P. Workman, M. LaClair, **J.A. Mong**, L. Remage-Healey, andA. Lacreuse, (2016) Aromatase Inhibition Impairs Cognition and Thermoregulation in Male and Female Gonadectomized Middle-Aged Marmosets (Callithrix Jacchus). 20th Society for Behavioral Neuroendocrinology, Montreal, Quebec.