

CURRICULUM VITAE

Marc J. Tetel

ADDRESS

Neuroscience Department
106 Central St.
Wellesley College
Wellesley, MA 02481
(781) 283-3003 Office
(781) 283-3642 Fax
mtetel@wellesley.edu

EDUCATION

1988-1993 Ph.D., Neuroscience and Behavior Program, University of
Massachusetts, Amherst, MA
1982-1986 B.A., Biological Sciences, Northwestern University, Evanston, Illinois

ACADEMIC POSITIONS

2016-present Professor, Neuroscience Department, Wellesley College, MA
2016-present Chair, Neuroscience Department, Wellesley College, MA
2023-present Allene Lummis Russell '46 Professorship in Neuroscience
2009-present Member, Biochemistry Program, Wellesley College, MA
2001-present Adjunct Member, Center for Neuroendocrine Studies, UMass
2018-2023 Dorothy and Charles Jenkins Distinguished Chair in Science
2013-2016 Class of 1966 Associate Professor of Neuroscience, Wellesley College
2012-2013 Director, Neuroscience Program, Wellesley College, MA
2009-2016 Associate Professor, Neuroscience Program, Wellesley College, Wellesley, MA
2009, Spring Visiting Scholar, Department of Endocrinology, Pathophysiology and Applied Biology,
University of Milan, Milano, Italy, Sponsor: Dr. Roberto Melcangi
2007-2009 Assistant Professor, Neuroscience Program, Wellesley College, Wellesley, MA
2005-2007 Assistant Professor, Department of Biological Sciences, Wellesley College, Wellesley, MA
2001-2005 Assistant Professor, Department of Biology, Skidmore College,
Saratoga Springs, NY
Member, Neuroscience Program
Associate Member, Neuroscience and Behavior Program, UMass
1998-2001 Visiting Assistant Professor, Department of Psychology, University of Massachusetts,
Amherst, MA
Member, Neuroscience and Behavior Program; Center for Neuroendocrine Studies;
Molecular and Cellular Biology Program
1993-1998 Postdoctoral Fellow; Department of Pathology, University of
Colorado Health Sciences Center. Laboratory of Dr. Dean Edwards
1988-1993 Graduate Student; Neuroscience and Behavior Program,
University of Massachusetts. Laboratory of Dr. Jeffrey Blaustein

TEACHING AND TRAINING EXPERIENCE

2005-present Courses taught at Wellesley College
Brain, Behavior and Cognition: An Introduction to Neuroscience NEUR 100

Introductory Cell Biology and Lab BISC 110
Biology of Brain and Behavior BISC 213
Neuroendocrinology and Lab BISC/NEUR 315
Neuroscience Seminar NEUR 300
Frontiers in Neuroscience BISC 332
Change Agent Training: HHMI and The Science Museum of Minnesota (2021)

Summer 2011 Harvard Summer School Program in Trento, Italy
Hormones, Brain and Behavior MBB S-94

2001-2005 Courses taught at Skidmore College
Introduction to Biology BI 106
Frontiers in Molecular Neuroscience BI 342
Neuroendocrinology and Lab BI 349
Introduction to Neuroscience and Lab NS 101
Liberal Studies 1
Biology Senior Seminar BI 378
Integrative Seminar in Neuroscience Research NS 277

1998-2001 Courses taught at University of Massachusetts
Physiological Psychology 330
Frontiers in Neuroscience, Psych/NSB 591
Behavioral Endocrinology Honors Seminar 391H
Molecular Neuroscience Journal Club

Graduate Students:

Heather Molenda, Ph.D. Chair of Dissertation Committee, Neuroscience & Behavior Program,
UMass, 1999-2004
Umar Imtiaz, Masters, Chair, Molecular and Cellular Biology Program, UMass, 1999-2000

Postdoctoral Fellows:

Eric Rutledge, 2002-2005
Liz Bless (NIH Re-Entry Recipient), 2012-2015
Kalpana Acharya (MMPC Grant Recipient), 2012-2022

GRANTS AND AWARDS

External

2017-2022 Otsuka Pharmaceuticals, "Effects of estradiol and gut microbiota on weight gain and anxiety in female mice on a high fat diet" (Total Costs, \$624,954)

2011-2018 National Institutes of Health, National Diabetes and Digestive and Kidney Diseases Division "Mechanisms of Steroid Hormone Action in Brain", PI, R01DK61935, (Total Costs: \$1,376,541)

2012-2015 National Institutes of Health, National Diabetes and Digestive and Kidney Diseases Division, Re-Entry Supplement to "Mechanisms of Steroid Hormone Action in Brain" for

Dr. Elizabeth Bless, PI, R01DK61935, (Total Costs: \$452,846)

- 2006-2008 National Science Foundation, "Acquisition of a Molecular Devices GenePix 4000B Scanner and a Bio-Rad iQ5 Real-Time PCR System for Interdisciplinary Research and Teaching in an Undergraduate College Setting" Co-PI, MRI DBI-0619206, (Total Costs: \$112,591)
- 2002-2008 National Institutes of Health, National Diabetes and Digestive and Kidney Diseases Division "Mechanisms of Steroid Hormone Action in Brain", PI, R01DK61935, (Total Costs: \$892,186)
- 2001-2002 National Institutes of Health and Office of Research on Women's Health, "Mechanisms of Steroid Hormone Action in Brain", PI, R55 DK61935, (Total Costs: \$100,000)
- 2000-2003 National Science Foundation, "Function of Coactivators in Progestin Action in Brain and Regulation of Behavior" NSF 0080818, (Total Costs: \$138,500)
- 2001-2002 National Science Foundation, Research Opportunities Award, supplement to NSF 0080818, (Total costs: \$17,314)
- 2000 National Science Foundation, Research Experience for Undergraduates, supplement to NSF 0080818, (Total costs: \$10,200)
- 1995-1998 National Research Service Award, National Institutes of Health, "Ligand Binding Domain of Progesterone Receptor" DK09225 (Total Direct: \$82,200)
- 1994-1996 American Cancer Society Institutional Grant for Breast Cancer Research, "Structural and Functional Analysis of the Ligand Binding Domain of Progesterone Receptor" (Total Direct: \$14,000)
- 1998 Quest Diagnostics Young Investigator Travel Award for Endocrine Society Meeting
- 1997 Endocrine Society Travel Award
- Internal**
- 2022-2024 Staley Fellowship, "Crosstalk between the gut and vaginal microbiome: Implications for women's health", Wellesley College (Total Costs: \$60,000)
- 2014-2015 Vivian S. Lee Loh '52 Award for Research in the Health Sciences, "Estrogen Effects on the Gut Microbiome in Female Mice", Wellesley College (Total Costs: \$10,000)
- 2009-2011 Brachman-Hoffman Fellowship, "Nuclear Receptor Coactivators and Estrogen Action in Mouse Brain", Wellesley College (Total Costs: \$40,000)
- 1998-2000 Faculty Research Grant, University of Massachusetts, "Steroid Receptor Coactivator

Function in Brain” (Total Direct: \$15,000)

2000 “Faculty Grant for Teaching”, Council on Teaching, Learning and Instructional Technology: Center for Teaching, Univ. of Massachusetts

INVITED PROFESSIONAL TALKS AND PRESENTATIONS

- 2024 Speaker and Session Chair, Estrogens, Anxiety, and the Gut Microbiome, 12th International Meeting on Steroids and Nervous System, Torino, Italy
Chair, Battle of the Sexes; Estrogens in the Developing Hypothalamus, Pan American Neuroendocrine Society 2024, Santos, Brazil
Chair, Neuroendocrinology: Novel Functions and Findings, ENDO Society Meeting 2024, Boston, MA
Scholar-in-Residence, EXPLO at Wellesley High School Summer Program, Wellesley, MA
- 2023 Co-Organizer, New Insights on Reproductive Neuroendocrinology Virtual Symposium, Pan American Neuroendocrine Society
- 2022 Co-Organizer, Mechanisms of Allostasis Conference: Stressed or Stressed Out, FASEB and Endocrine Society, New Orleans, LA,
Chair, Stress and the Gut Microbiome-Brain Axis
Co-Organizer, Neuroendocrinology of Stress Virtual Symposium, Pan American Neuroendocrine Society
Scholar-in-Residence, EXPLO at Wellesley High School Summer Program, Wellesley, MA
- 2021 Presentation to Biology and Biochemistry Club, Wellesley College
Scholar-in-Residence, EXPLO at Colby High School Summer Program, Waterville, ME
- 2020 Speaker, Diabetes Virtual Camp, American Diabetes Association
<https://www.diabetesvirtualcamp.org/>
Panel member, Research Panel, Northwestern University Career Summit
- 2019 Member, External Review Team of Hamilton College Neuroscience Program
- 2018 Co-Chair, SBN Lehrman Award and SBN Young Investigator Symposium, International Congress of Neuroendocrinology, Toronto, Canada
Panel member, Understanding Interview Day and the Tenure Process, Harvard Medical School (graduate students and postdocs), Boston, MA
Scholar-in-Residence, EXPLO at Yale High School Summer Program, New Haven, CT
- 2017 Speaker and Roundtable Chair, Steroids and the Gut Microbiome-Brain Axis, 9th International Meeting on Steroids and Nervous System, Torino Italy
Speaker, Neuroendocrine Dialogues, Harvard Medical School, Boston, MA
Speaker, 16th Symposium of the Center for Neuroendocrine Studies, University of Massachusetts, Amherst, MA
Keynote Speaker, National Organization of Research Development Professionals Northeast Region Meeting, Wellesley, MA

Panel member, Understanding Interview Day and the Tenure Process, Harvard Medical School (graduate students and postdocs), Boston, MA

Scholar-in-Residence, EXPLO at Yale High School Summer Program, New Haven, CT

2016 Endocrine Grand Rounds, “Mechanisms of steroid action: From the brain to the gut microbiome”, Mayo Clinic, Rochester, MN

Speaker, Organization for the Study of Sex Differences, “Estradiol and diet alter the gut microbiome in female mice”, Philadelphia, PA.

Moderator, Navigating Career Transitions: Lessons Learned as a New PI, Career

Development Workshops, Endocrine Society Meeting, Boston, MA, 2016

Scholar-in-Residence, EXPLO at Yale High School Summer Program, New Haven, CT

2015 Scholar-in-Residence, EXPLO at Yale High School Summer Program, New Haven, CT

Panel member, Career Development Series, Brandeis University, Waltham, MA

“Research and Teaching at a Liberal Arts College” Early Career Forum, Endocrine Society Meeting, San Diego, CA

2014 Department of Biology, Vassar College, Poughkeepsie, NY

Panel Member, Authors Without Borders, Discussion, Sigma Xi and NSF, Boston, MA

“Research and Teaching at a Liberal Arts College” Early Career Forum, Endocrine Society Meeting Chicago, IL

2013 Speaker, 7th International Meeting on Steroids and Nervous System, Torino Italy

Speaker, Society for Behavioral Neuroendocrinology Meeting, Atlanta, GA

“Research and Teaching at a Liberal Arts College” Early Career Forum, Endocrine Society Meeting, San Francisco, CA

2012 Department of Neurobiology and Anatomical Sciences, University of Mississippi Medical Center, Jackson, MS

Department of Structural & Cellular Biology, Tulane University School of Medicine, New Orleans, LA

“Research and Teaching at a Liberal Arts College” Endocrine Trainee Day, Endocrine Society Meeting, Houston, TX

Department of Biology, Stonehill College, Easton, MA

2011 Speaker, US-Latinoamerican Workshop in Neuroendocrinology, Vina del Mar, Chile

Master Teacher, Pearson/Association for Psychological Science Webinar, Current Directions in Psychological Science Speaker Series, Behavioral Neuroscience

“Research and Teaching at a Liberal Arts College” Endocrine Trainee Day, Endocrine Society Meeting, Boston, MA

2010 Speaker, in Epigenetic & Programming Mechanisms of Estrogen Action session, Endocrine Society Meeting, San Diego

“Research and Teaching at a Liberal Arts College” Endocrine Trainee Day, Endocrine Society Meeting, San Diego

Neuroscience and Behavior Program, Distinguished Alumni Series, University of Massachusetts,

Amherst, MA

2009 5th International Meeting on Steroids and the Nervous System, Torino, Italy
Department of Endocrinology, Pathophysiology and Applied Biology, University of Milano, Italy
“Research and Teaching at a Liberal Arts College” and Panelist, “Career Life Balance Panel”, Endocrine Trainee Day, Endocrine Society Meeting, San Francisco

2008 US/Japan Neurosteroid Symposium, Gifu, Japan
“Research and Teaching at a Liberal Arts College” and Panelist, “Career Life Balance Panel”, Endocrine Trainee Day, Endocrine Society Meeting, San Francisco

2007 Session Organizer and Presenter, “Novel Mechanisms of Hormone Action in Brain and Behavior”, Congress of the International Society for Neuroethology, Vancouver, Canada
Department of Biomedical Sciences, Tufts School of Veterinary Medicine, North Grafton, MA
Biology Department, Georgia State University, Atlanta, GA
“Research and Teaching at a Liberal Arts College” Endocrine Trainee Day, Endocrine Society Meeting, Toronto, Canada
Career Seminar for Microbiology, Immunology and Cancer Biology Graduate Career Development Program, University of Minnesota

2006 Chair, “Oxytocin, Vasopressin and Behavior Symposium”, Endocrine Society Meeting
Chair, “Steroid Receptors and Coregulators II Oral Session”, Endocrine Society Meeting
Biology Department, Union College, Schenectady, NY
Institute for Neurodegenerative Disorders, Massachusetts General Hospital, Charleston, MA

2005 Biology Department, Lehigh University, Bethlehem, PA

2003 Neuroscience Program, Michigan State University, East Lansing, MI
Center for Neuroscience Research and Research Experience for Undergraduates Training Program, University at Albany, SUNY, Albany, NY
Presenter and Co-Chair of symposium, “Nuclear Receptor Coactivator Function in the CNS and Behavior”, Society for Behavioral Neuroendocrinology Meeting, Cincinnati, OH

2002 Society for the Study of Reproduction, 35th Annual Meeting, Baltimore, MD
Center for Neuroscience and Neuropharmacology, Albany Medical Center, Albany, NY
Chair of the 13th Frank Beach Award in Behavioral Neuroendocrinology Social, Society for Neuroscience Meeting, Orlando, FL
Biology Department, Middlebury College, Middlebury, VT

2001 Moderator and Panelist on “Sex differences in Cognitive Development” session at the Second Annual Conference on Sex and Gene Expression, The Society for Women's Health Research, Winston-Salem, NC
Workshop on Steroid Hormones and Brain Function, Breckenridge, CO

1997 Ligand Pharmaceuticals, Inc., San Diego, California
Grand Rounds, Department of Pathology, University of Colorado HSC, Denver, CO

Biology Department, Colorado College, Colorado Springs, CO
Psychology Society, Colorado College, Colorado Springs, CO
Neuroscience Presentation to Biology Classes, Huxley High School, Aurora, CO

1996 Department of Neurobiology, Weizmann Institute, Rehovot, Israel
Chair of “Molecular and Genetic Tools for Investigating Steroid Hormone Action in Brain” Symposium
at Workshop on Steroid Hormones and Brain Function, Breckenridge, CO

1995 Discussant on ‘Steroid Independent Activation of Steroid Receptors’ Symposium at Workshop
on Steroid Hormones and Brain Function, Breckenridge, CO

REVIEWING FOR JOURNALS

2024-present Senior Editor, Fundamental and Mechanistic Neuroendocrinology (FMN), Journal of
Neuroendocrinology

2016-2024 Editorial Advisory Board of *Journal of Neuroendocrinology*

2020-2023 Review Editor, *Frontiers in Endocrinology – Gut Endocrinology*

2017-2021 Editorial Board of *Nuclear Receptor Research*

2012-2015 Editorial Board of *Endocrinology*

Ad-hoc Reviewer: *Behavioral Brain Research, Brain Research, Brain Research Bulletin, Cancer Research, DNA Sequence, Endocrinology, Experimental Neurology, Hippocampus, Hormones and Behavior, Journal of Neuroendocrinology, Journal of Neuroscience, Journal of Proteome Research, Journal of Undergraduate Neuroscience Education, Molecular Brain Research, Molecular Neurobiology, Neurochemistry International, Neuroendocrinology, Neuroscience, Neuroscience & Biobehavioral Reviews, Nuclear Receptor Signalling, Oncotarget, Physiology and Behavior, PLoS One, Proceedings of the National Academy of Sciences, Psychoneuroendocrinology, Steroids, Trends in Endocrinology and Metabolism*

National Academy of Sciences Arthur Sackler Colloquium

Textbook reviews: Wadsworth Publishing Company, Prentice Hall, Oxford University Press

2012 Reviewer of abstracts for Endocrine Society Meeting

SERVICE FOR GRANT REVIEWS

Panel Member, Modulation II Proposal Review Panel, NSF, Spring 2010, Spring 2011

Ad-Hoc Member, ZRG1 Immunology Study Section, NIH, February 2004 & October 2004

Grant Review Board, Support of Mentors & their Students in the Neurosciences (SOMAS) 2005-2009

Ad-hoc Reviewer:

National Science Foundation, Division of Integrated Biology and Neuroscience

Behavioral Systems Cluster International, Western Europe Program

Alzheimer’s Association

M.J. Murdock Charitable Trust, Murdock College Research Program

Natural Sciences and Engineering Research Council of Canada

Health Research Council of New Zealand

AFFILIATIONS, PROFESSIONAL SOCIETIES AND OTHER ACTIVITIES

2021-present	Career Development Committee, Pan American Neuroendocrine Society
1989-present	Society for Neuroscience
1995-present	Endocrine Society
1996-present	Society for Behavioral Neuroendocrinology
2017-present	Pan American Neuroendocrine Society (PANS)
1997-present	Faculty for Undergraduate Neuroscience
2020-present	Academic Engagement Network
2021-2024	Annual Meeting Steering Committee, Endocrine Society
2020-2021	Society of Biological Psychiatry
2019	Visiting Committee, Hamilton College, Clinton, NY
2016	External evaluator for promotion, Gustavus Adolphus College, St. Peter, MN
2012-2015	Program Committee, Society for Behavioral Neuroendocrinology
2006-present	Sigma Xi
2002-2009	Society for the Study of Reproduction
2007-2009	International Society for Neuroethology
2004-2009	Society for Experimental Biology and Medicine
2003-2006	Section Head of “Coregulator Function in Central Nervous System” division of NIH sponsored Nuclear Receptor Signaling Atlas website, www.NURSA.org
2001-2003, 2005-06	Co-Chair, Center for Neuroendocrine Studies Symposium Committee

ACADEMIC SERVICE

Wellesley College

2005-present	Neuroscience Department
2010-present	Biological Chemistry Advisory Committee
2024-present	International Student Committee
2021-2023	Committee on Faculty Appointments
2020-2022	Trustee Campus & Finance Committee
2016-2019	Faculty Benefits Committee, Chair 2018-19
2020-present	Science Center Lab Safety Committee
2019-2020	Board of Admissions
2018-2019	Mortgage Program Oversight Committee
2016-2018	Retirement Plan Investment Committee
2017-2019	Budget Advisory Committee on Compensation (BAC+)
2017-2018	Editorial Board, <i>The Spoke</i> , The Albright Institute’s online magazine
2016	Visit to ECCO program at University of Bologna, Bologna Italy
2012-2017	Sponsored Research Faculty Advisory Committee
2013-2015	Quantitative Analysis Institute Steering Committee
2014-2015	Fairchild Project Steering Committee
2012-2015	Budget Advisory Committee
2014	Selection Committee, Albright Institute
2014	Director of Sponsored Research Office Search Committee
2012-2013	Quantitative Analysis Institute Working Group
2009-11, 2013-15	Brachman-Hoffman/Staley Committee

2009-2012 Financial Aid Committee
2010-2012 Tutor Liaison for Neuroscience Program
2010-2011 Director of Student Financial Services Search Committee
2011 Delegation to Jacobs University, Bremen, Germany
2006-2008 Chair, Institutional Animal Care and Use Committee
2006-2008 Committee of Education, Research and Development
2006-2008 Institutional Biosafety Committee
2005-2007 Fiske Awards Committee

Skidmore College

2001-2005 Neuroscience Steering Committee
2001-2005 Health Professions Advisory Committee
2003 Biology Department Committee on Biology Curriculum

UMass

1998-2001 Psychology Honors Committee
1998-2001 Neuroscience and Behavior Graduate Admissions Committee
1999-2001 Psychology Colloquia Committee

LITIGATION EXPERIENCE

Authored an Expert Report for Krieg, Keller, Sloan, Reilley & Roman, LLP
California Southern District Court, San Diego, Judge John Houston
Neurorepair, Inc. vs. The Nath Law Group, Civil Action No. 3:2009cv00986

OUTREACH ACTIVITIES

2009-present Presentation on Brain to preschoolers at Wellesley College Study Center

2009-2013 Organizer, Wellesley College Math Tutors for Wellesley Elementary School METCO program

2024 Poster Judge, 12th International Meeting on Steroids and Nervous System, Torino, Italy
How to Choose a Postdoc, Pan American Neuroendocrine Society 2024, Santos, Brazil

2023 Faculty/Student Coffee Chat with Admitted Students, Office of Admission, Wellesley College
Faculty & Student Roundtable for Admitted Students Day, Office of Admission, Wellesley College

2022 Virtual Panel on Research and Education, Weinberg College Career Summit, Northwestern University
NeuroNite, Wellesley College
Panel for First Gen Students interested in Neuroscience, participant, Wellesley College

2021 Change Agent Training, January 11-15, IDEAL Center, Wellesley College
Panel on Faculty-Student Chat for Admissions Office, Wellesley College
Panel on Science at Wellesley for Admissions Office, Wellesley College
Presentation to the Wellesley Alumnae Club of Minnesota

Presentation to Posse 5, Wellesley College

Wellesley Korean Students Association Fundraiser, "Let's pie professors in the face!"

2020 Virtual Panel on "The Anti-Networking Event: Answering the 'Major' Questions", Northwestern University Alumni Association

Presentation and sheep brain dissection for students from Boston Prep School visit to Neuroscience Department

2019 Organizer and Presenter, Brain, Mind and Memory Course, Older Wiser Lifelong Learners (OWLL), Lexington Friends of the Council on Aging, Lexington, MA

Sheep brain dissection for students from Boston Prep School visit to Neuroscience Program

Presentation on stroke to Psychology class, Landmark High School, Beverly, MA

Model, Vintage Vogue Runway fashion show for Metastatic Breast Cancer Research, Wellesley

2018 Sheep brain dissection for students from Boston Prep School visit to Neuroscience Program

Presentations to Guidance Counselors visiting Wellesley Admission Office, Wellesley College

2017 Presentation to Greater Charlotte Wellesley Club, Charlotte, NC

Admissions Panel on Interdisciplinary Majors for Accepted Candidates, Wellesley College

Presentation for Family Weekend at Wellesley College

MetroWest Jewish Day School, middle school students, Framingham, MA

Presentation on Brain

Organizer for Tour of Neuroscience Labs at Wellesley College

Organizer of 3 week long Neuroscience presentations by Wellesley College Students

Organizer of the "Brain Booth", Wellesley Science & Technology Expo, Wellesley, MA

Organizer of sheep brain dissections for 4 science classes at Wellesley Middle School

STEM Team, MetroWest Jewish Day School

2016 Presentation to Chicago Wellesley Alumnae Club, Chicago, IL

Mentoring Lunch on Liberal Arts Colleges for Trainees, OSSD Meeting, Philadelphia, PA

Presentation to Guidance Counselors visiting Wellesley Admission Office, Wellesley College

2015 Presentation to the Albright Institute Fellows, Wellesley College

Presentation to Guidance Counselors visiting Wellesley College Admission Office, Wellesley College (April and June)

Organizer and Presenter, Neuroscience for the Layperson Course, Older Wiser Lifelong Learners (OWLL), Lexington Friends of the Council on Aging, Lexington, MA

Presentation on brain to 5th graders at MetroWest Jewish Day School, Framingham, MA

2014 Organizer and Presenter, Neuroscience for the Layperson Course, Older Wiser Lifelong Learners (OWLL), Lexington Friends of the Council on Aging, Lexington, MA

Presentation to Guidance Counselors visiting Wellesley College Admission Office, Wellesley College

Presentation on Biology of Sexual Orientation, Sexual Health Educators Student Organization, Wellesley College

Panel member, Panel for Admitted Students, Spring Open Campus, Wellesley College

Panel member, Learning and Teaching at Wellesley, Wellesley College Admissions Office, Wellesley College

MetroWest Jewish Day School, middle school students, Framingham, MA

Presentation on Brain

Organizer for Tour of Neuroscience Labs at Wellesley College

Organizer of 4 week long Neuroscience presentations by Wellesley College Students

Organizer of the "Brain Booth", Wellesley Science & Technology Expo, Wellesley, MA

2013 Panel Member, Academic and Industry Science Careers Panel, Joslin Diabetes Center, Harvard Medical School, Boston, MA

Panel Member, Grant Writing 101, Wellesley College

Panel member, Panel for Admitted Students, Spring Open Campus for Admissions, Wellesley College

Organizer for Neuroscience Student-led Brain Presentation to 4th-8th Graders at MetroWest Jewish Day School, Framingham, MA

Judge, Science Fair at MetroWest Jewish Day School, Framingham, MA

Member, Parents Action Committee, MetroWest Jewish Day School, Framingham, MA

2012 Presentation to Wellesley College Business Leadership Council, Boston Area Group, Wellesley, MA

Presentation to Wellesley College NC Piedmont Alumnae Club, Cary, NC

Panel Member, New Employee Orientation, Wellesley College

Panel member, "Distinctly Wellesley", Spring Open Campus for Admissions, Wellesley College

Presentation on Biology of Sexual Orientation to Sexual Health Educators Student Organization, Wellesley College

2011 Organizer, "Brain Booth" at the Hunnewell Elementary School Science Fair, Wellesley, MA

Presentation, Mind, Brain and Behavior Students, Harvard University, Cambridge, MA

Presentation on Biology of Sexual Orientation, Sexual Health Educators Student Organization, Wellesley College

Panelist, Tenure/Reappointment Panel with Junior Faculty for the Advisory Committee to the Committee on Faculty Appointments, Wellesley College

2010 Presentation on Brain to Wellesley 2nd Grade Brownies

2007 Reunion Faculty Lectures, Wellesley College

Boston Latin School, Boston, MA

Long Island Wellesley Club, Long Island, NY

2006 Reunion Faculty Lectures, Wellesley College

2002 Skidmore Pride Alliance and The Office of Residential Life, Skidmore College

2001 Neuroscience presentation to Talent Advancement Program for Psychology Freshman, UMass, Amherst, MA.

PUBLICATIONS (* indicates undergraduate student author)

Research Articles

Acharya, K.D., Graham, M., *Raman, H., *Parakoyi, A.E.R., *Corcoran, A., Belete, M., Ramaswamy, B., Koul, S., Sachar, I., Derendorf, K., Wilmer, J.B., Gottipati, S., and Tetel, M.J. Estradiol-mediated protection against high-fat diet induced anxiety and obesity is associated with changes in the gut microbiota in female mice, **Scientific Reports**, 13, 1-17, 2023.

Acharya, K.D., Friedline, R.H., Ward, D.V., Graham, M.E., Tauer, L., Zheng, D., Hu, X., de Vos, W.M., McCormick, B.A., Kim, J.K., and Tetel, M.J. Differential effects of *Akkermansia*-enriched fecal microbiota transplant on energy balance in female mice on high-fat diet., **Frontiers in Endocrinology**, 1-17, 2022.

Acharya, K.D., Noh, H.L., Graham, M.E., Suk, S., Friedline, R.H., *Gomez, C., *Parakoyi, A., Chen, J., Kim, J.K. and Tetel, M.J. Distinct Changes in Gut Microbiota are Associated with Estradiol-Mediated Protection from Diet-Induced Obesity in Female Mice., **Metabolites**, 11, 1-22, 2021.

Acharya, K.D., Nettles, S.A., Sellers, K.J., Lichti, C.F., Srivastava, D.P., Denner, L. and Tetel, M.J. Dopamine-induced interactions of female mouse hypothalamic proteins with progesterin receptor-A in the absence of hormone. **Journal of Neuroendocrinology**, 1-26, 2020.

*Song, S.D., Acharya, K.D., *Zhu, J.E., Deveney, C.M., Walther-Antonio, M.R.S., Tetel, M.J. and Chia, N. Daily vaginal microbiota fluctuations associated with natural hormonal cycle, contraceptives, diet and exercise. **mSphere**, 5, 1-14, 2020.

Acharya, K.D., *Gao, X., Bless, E.P, Chen, J. and Tetel, M.J. Estradiol and high fat diet associate with changes in gut microbiota in female *ob/ob* mice. **Scientific Reports**, 9, 1-13, 2019.

Acharya, K.D., Nettles, S.A., Sellers, K.J., *Im, D.D., *Harling, M., Pattanayak, C., Vardar-Ulu, D., Lichti, C.F., Huang, S., Edwards, D.P., Srivastava, D.P., Denner, L. and Tetel, M.J. The progesterin receptor interactome in the female mouse hypothalamus: Interactions with synaptic proteins are isoform-specific and ligand-dependent. **eNeuro**, 4: 1-19, 2017.

Bless, E.P., *Yang, J., Acharya, K.D., Nettles, S.A., Vassoler, F.M., Byrnes, E.M. and Tetel, M.J. Adult neurogenesis in the female mouse hypothalamus: Estradiol and high fat diet alter the generation of newborn neurons expressing estrogen receptor α . **eNeuro**, 3: 1-11, 2016.

Acharya, K.D., *Finkelstein, S.D., Bless, E.P., Nettles, S.A., Mulac-Jericevic, B., Conneely, O.M., Mani, S.K., Tetel, M.J. Estradiol preferentially induces progesterin receptor-A (PR-A) over PR-B in cells expressing nuclear receptor coactivators in the female mouse hypothalamus. **eNeuro**, 2: 1-12, 2015.

Bless, E.P., *Reddy, T., Acharya, K.D., Beltz, B.S. and Tetel, M.J. Oestradiol and diet modulate energy homeostasis and hypothalamic neurogenesis in the adult female mouse. **Journal of Neuroendocrinology**, 26: 805-816, 2014.

Piccolella, M., Crippa, V., Messi, E., Tetel, M.J. and Poletti, A. Modulators of estrogen receptor inhibit

proliferation and migration of prostate cancer cells. **Pharmacological Research**, 79: 13-20, 2014.

Bruce, L.A., Cyr, N.E., *Qiao, J.W., *DeFries, C.C., Tetel, M.J. and Wolfson, A.J. Neuropeptidase activity is down-regulated by estradiol in steroid sensitive regions of the hypothalamus in female mice. **Neuropeptides**, 46: 167-172, 2012.

Gonzales, K.L., Quadros-Menella, P.S., Tetel, M.J. and Wagner, C.K. Anatomically-specific actions of oestrogen receptor in developing female rat brain: Effects of oestradiol and selective oestrogen receptor modulators on progesterin receptor expression. **Journal of Neuroendocrinology**, 24: 285-291, 2012.

*Tognoni, C.M, Chadwick, Jr., J.G., *Ackeifi, C.A. and Tetel, M.J. Nuclear receptor coactivators are coexpressed with steroid receptors and regulated by estradiol in mouse brain. **Neuroendocrinology**, 94: 49-57, 2011.

*Yore, M.A., *Im, D., *Webb, L.K., Zhao, Y., Chadwick, J.G.Jr., Molenda-Figueira, H.A., Haidacher, S.J., Denner, L.A. and Tetel, M.J. Steroid receptor coactivator-2 (SRC-2) expression in brain and physical associations with steroid receptors. **Neuroscience**, 169: 1017-1028, 2010.

Cyr, N.E., *Kua, L.H., Bruce, L.A., Chadwick, J.G., Tetel, M.J. and Wolfson, A.J. Nuclear Thimet oligopeptidase is coexpressed with oestrogen receptor alpha in hypothalamic cells and regulated by oestradiol in female mice. **Journal of Neuroendocrinology**, 22: 936-943, 2010.

Molenda-Figueira, H.A, *Murphy, S.D., *Shea, K.L., *Siegal, N.K., Zhao, Y., Chadwick, J.G., Denner, L.A. and Tetel, M.J. Steroid receptor coactivator-1 from brain physically interacts differentially with steroid receptor subtypes. **Endocrinology**, 149: 5272-5279, 2008.

Gonzales, K.L., Tetel, M.J. and Wagner, C.K. Estrogen receptor (ER) beta modulates ERalpha responses to estrogens in the developing rat ventromedial nucleus of the hypothalamus. **Endocrinology**, 149: 4615-4621, 2008.

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