

CURRICULUM VITAE

Phyllis M. Wise, Ph.D.
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Current Position

2005-present Provost and Executive Vice President
Professor of Physiology and Biophysics and Obstetrics and Gynecology in
the School of Medicine and Biology in the College of Arts and Sciences

Education / Degrees

2008 Honorary Doctor of Science, Swarthmore College
1972-1974 Postdoctoral Fellow, University of Michigan
1972 Ph.D. University of Michigan
1969 M.A. University of Michigan
1967 B.A. Swarthmore College

Other

1985-1986 Visiting Scientist, Department of Obstetrics and Gynecology,
University of Goettingen, Goettingen, Germany

Academic Experience

Faculty Positions

2005- Professor of Physiology and Biophysics, and Obstetrics and Gynecology
(School of Medicine) and Biology (College of Arts and Sciences), University
of Washington
2002-2005 Distinguished Professor of Neurobiology, Physiology and Behavior (Division
of Biological Sciences) and Physiology and Membrane Biology (School of
Medicine), University of California Davis
1993-2001 Professor and Chair, Department of Physiology, College of Medicine,
University of Kentucky, Lexington
1987-1993 Professor, Department of Physiology, School of Medicine,
University of Maryland Baltimore
1982-1987 Associate Professor, Department of Physiology, School of Medicine,
University of Maryland Baltimore

1976-1982	Assistant Professor, Department of Physiology, School of Medicine, University of Maryland Baltimore
1975-1976	Adjunct Assistant Professor, Department of Physiology, School of Medicine, and Lecturer, Department of Biology, University of New Mexico
1974-1975	Research Associate, Department of Physiology, School of Medicine, University of New Mexico

Administrative Positions

2007-	Provost and Executive Vice President, University of Washington
2005-2007	Provost and Vice President for Academic Affairs, University of Washington
2002-2005	Dean of the Division of Biological Sciences, University of California Davis

Honors and Awards

2009	Association of Chairs of Departments of Physiology Service Award
2008	Fellow of the American Association for the Advancement of Science
2008	Member of the Institute of Medicine, National Academy of Science
2008	Honorary Doctor of Science, Swarthmore College
2008	Women of Influence Award, Puget Sound Business Journal
2004	Roy O. Greep Award for Excellence in Endocrine Research
2003	Women in Endocrinology Mentor Award
2002	FASEB Excellence in Science Award
2001-2010	National Institutes of Health, MERIT Award
2000	Albert D. and Elizabeth H. Kirwan Memorial Prize
1999	Robert W. Kleemeier Award, Gerontological Society of America
1998	Solomon Berson Award, American Physiological Society
1997	Burroughs-Wellcome Professorship
1997	Presidential Speaker, Society of Neuroscience
1991	Nathan W. Shock Award for outstanding research in aging
1986-1996	National Institutes of Health, MERIT Award
1982-1987	National Institutes of Health, Research Career Development Award
1972-1974	Ford Foundation Postdoctoral Fellowship

Research Interests

- (1) Endocrine and neurochemical mechanisms regulating neural plasticity during aging, with particular emphasis on their impact on the female reproductive system
- (2) Neuroprotective actions of estrogen after injury and during aging

Current Research Grant Support

National Institutes of Health “Neuroendocrine and neurochemical function during aging” PI
(AG-02224)

4/1/80 - 6/30/83	\$ 151,824	
7/1/83 - 6/30/86	\$ 205,914	
7/1/86 - 6/30/96	\$1,547,360	MERIT Award
7/1/96 - 6/30/01	\$ 798,341	
7/1/01 – 6/30/10	\$2,050,000	MERIT Award

National Institutes of Health “Anti-inflammatory properties of estradiol during stroke” (AG27614)

N.R.S.A. awarded to Candice M. Brown. P.M. Wise, Mentor/Sponsor

8/1/07 - 7/31/10 \$159,018

National Institutes of Health “The role of kisspeptin in female reproductive aging” (AG32201)

N.R.S.A. awarded to Jodi Downs. P.M. Wise, Mentor/Sponsor

12/1/08 - 2/28/11 \$112,186

American Heart Association “Estrogen as neuronal replacement therapy against cerebrovascular stroke” (920086G)

Postdoctoral fellowship awarded to Shotaro Suzuki. P.M. Wise, Mentor/Sponsor

1/1/09 – 12/31/10 \$105,844

National Science Foundation “Transforming Engineering through PEERS: Building a Better Experience for Underrepresented Students” (NSF 0833338) PI

4/1/09 – 3/31/14 \$999,974

National Science Foundation Louis Stokes Alliance Minority Participation Grant NSF 08-545

7/01/09 – 6/30/14 \$2,625,000

Previous Research Grant Support

National Center for Research Resources “Animal Facilities Improvements” (G20 RR021338)

4/1/05 – 3/1/06 \$635,000

(relinquished with move to University of Washington)

National Institutes of Health “Building Interdisciplinary Research Careers in Women’s Health” PI
(K12 HD051958)

9/30/05 – 8/31/10 \$2,500,000

(relinquished with move to University of Washington)

National Institutes of Health “Neuroendocrine and neurochemical function during aging”

Supplement to support minority training (AG02224)

1/1/05 – 12/31/05 \$46,000

7/1/06 – 6/30/07 \$59,090

National Institutes of Health “Estrogen and the aging brain” Consultant (P01 AG16765)

07/01/04 – 06/30/09 \$7,514,712 (UCD subcontract = \$1,205,581)

(relinquished with move to University of Washington)

National Institutes of Health “Neurobehavioral relations in senescent hippocampus” Consultant
(R01 AG03376)
02/15/03 – 01/31/08 \$3,305,915 (UCD subcontract = \$954,640)
(relinquished with move to University of Washington)

Ellison Foundation Senior Scholar “Estradiol is a neuroprotective factor in the aging brain:
Mechanisms of action” PI
1/01/02 – 12/30/05 \$600,000

National Institutes of Health “Female reproductive aging: the role of estrogen” PI
(P01 AG17164)
9/30/00 - 8/31/07 \$2,593,347

National Center for Research Resources “Center of Biomedical Research Excellence” PI
(P20 RR15592)
9/30/00 - 8/31/05 \$5,706,930
(relinquished PI with move to UC Davis)

National Institutes of Health “Building Interdisciplinary Research Careers in Women’s Health”
Program Co-Director (K12 DA14040)
9/30/00 – 8/31/05 \$2,500,000
(relinquished PI with move to UC Davis)

Wyeth Ayerst “Role of premarin in protecting the brain against injury” PI
11/01/00 – 12/30/01 \$60,000

National Institutes of Health “Academic Leadership Award in the Biology of Aging” PI
(K07 AG00874)
7/01/99 - 9/30/00 \$150,000 (returned to be able to accept COBRE)

National Institutes of Health “Role of neuropeptides in circadian rhythms during aging” PI
(AG13425)
7/01/96 - 6/30/01 \$693,106

Wyeth-Ayerst Women’s Health Research Institute “Role of enkephalins in ovulation”
9/01/96 - 8/31/97 \$10,000

National Institutes of Health Institutional Training Grant in “Molecular and cellular basis of brain
aging” PI (T32 AG00242)
9/30/94 - 4/30/99 \$ 915,709
5/01/99 - 4/30/04 \$ 1,522,612
(relinquished PI with move to UC Davis)

National Institutes of Health “Neuroendocrine and neurochemical function during aging”
Supplement to support minority training
7/1/92 - 6/30/94 \$ 100,000
9/1/94 - 8/30/96 \$ 32,654

National Institutes of Health “Effect of hyperprolactinemia on LH release” (HD15955)
6/1/82 - 3/31/87 \$ 154,123
6/1/86 - 6/30/89 \$ 305,519
7/1/89 - 6/30/94 \$ 647,627

Previous Research Grant Support (continued)

National Institutes of Health Research Career Development Award “Neuroendocrine and neurochemical function during aging” (AG00168)
4/1/82 - 3/31/87 \$ 207,379

National Science Foundation “Role of the hypothalamo-hypophyseal axis in age-related infertility”
7/1/76 - 11/30/78 \$ 40,000

Mentor of the following pre- and post-doctoral fellowships of trainees in my laboratory

National Institutes of Health “Neuromodulation of reproduction during aging”
N.R.S.A. awarded to Lynnette M. Gerhold. P.M. Wise, Mentor/Sponsor
05/01/04 - 08/30/05 \$68,500

American Heart Association: Ohio Valley Affiliate “Estrogen neuroprotection following a stroke-like injury”
Postdoctoral Fellowship to Melinda E. Wilson. P.M. Wise, Mentor/Sponsor
7/01/01 – 12/31/02

American Heart Association: California Affiliate “Estradiol-mediated protection against stroke: role of TGF- β ”
Postdoctoral Fellowship to Martina Böttner. P.M. Wise, Mentor/Sponsor
7/01/01 – 4/30/03

National Institutes of Health “The anteroventral preoptic nucleus and aging”
N.R.S.A. awarded to Matthew J. Smith. P.M. Wise, Mentor/Sponsor
7/01/99 - 12/31/01 \$72,000

National Institutes of Health “Neuroprotective actions of estrogen in cortical explants”
N.R.S.A. awarded to Melinda E. Wilson. P.M. Wise, Mentor/Sponsor
5/01/98 - 12/01/00 \$60,918

National Institutes of Health “Vasopressin, circadian rhythms and reproductive aging”
N.R.S.A. awarded to Michael L. Kashon. P.M. Wise, Mentor/Sponsor
12/01/96 - 11/30/98 \$58,500

National Institutes of Health “Reproductive aging and circadian rhythmicity”
N.R.S.A. awarded to Kristine M. Krajnak. P.M. Wise, Mentor/Sponsor
7/01/96 - 6/30/98 \$58,500

National Institutes of Health “Reproductive aging, NPY and food restriction”
N.R.S.A. awarded to Teresa McShane. P.M. Wise, Mentor/Sponsor
4/01/94 - 3/31/97 \$81,200

National Institutes of Health “Aging, the SCN and endocrine rhythms”
N.R.S.A. awarded to Jacob P. Harney. P.M. Wise, Mentor/Sponsor
9/01/94 - 8/31/97 \$99,700

National Institutes of Health “Opiate peptide gene expression during reproductive aging”
N.R.S.A. awarded to Jonathan M. Lloyd. P.M. Wise, Mentor/Sponsor
6/01/90 - 5/31/92 \$57,250

National Institutes of Health "Prolactin secretion during aging: a cellular approach"
N.R.S.A. awarded to Gregg H. Larson. P.M. Wise, Mentor/Sponsor
12/01/89 - 11/30/91 \$49,000

National Institutes of Health "Serotonin rhythms and cyclic LH release: a role in aging?"
N.R.S.A. awarded to Ilene R. Cohen-Becker. P.M. Wise, Mentor/Sponsor
9/15/84 - 9/14/86 \$43,736

National Institutes of Health "Adrenergic receptors in brain during aging"
N.R.S.A. Awarded to Nancy G. Weiland. P.M. Wise, Mentor/Sponsor
9/15/84 - 9/14/86 \$62,009

Selected Administrative Responsibilities

University of Maryland

1988-1993 Associate Director of the Graduate Program in Physiology
1987-1991 Executive Committee of the School of Medicine Council
1983-1993 M.D.-Ph.D. Committee
1984-1985 Medical School Council
1982-1993 Coordinator of the Endocrine Section of the Medical Physiology course
1982-1986 Medical School Judiciary Committee

University of Kentucky

1997-1998 University Taskforce on Graduate Education and Research
1996-2001 Kentucky Spinal Cord and Head Injury Research Board
1996-2002 Chair, Committee on Honorary Degrees
1994-1997 Senate Advisory Privilege and Tenure Committee
Chair (1996-97)
1993-2003 University of Kentucky NSF EPSCoR Subcommittee

University of California Davis

2004-2005 Member of the Coordinating Council for the Center for Regenerative
Science and Therapies
2003-2005 Member of UC Davis/LANL Steering Committee
2003-2005 Member of UC Davis Enterprise Campus Board
2002-2004 Chair, Administrative Coordinating Council for the Life Sciences
2002-2004 Lead Dean of Genome Center Initiative
2002-2004 Lead Dean of the Center for Neuroscience
2002-2004 Lead Dean of the Center for Population Biology
2002-2004 Lead Dean of Mouse Biology Program
2002-2004 Lead Dean of the Bodega Marine Laboratory
2002-2004 Lead Dean of Neuroscience Building
2002-2004 Lead Dean of Storer Endowed Lectureships
2002-2004 Member of International Programs Advisory Group
2002-2004 Member of California Regional Primate Center Advisory Board
2002-2004 Member of UC Davis Connect Board

Selected Advisory Committees

2008-	RAND Health Advisory Board
2007-	The Paul Allen Institute for Brain Science Advisory Board
2007-	UC Davis Clinical and Translational Science Award Advisory Board
2007-2009	NIH Council of Councils
2006-	The Bullitt Foundation Board of Trustees
2006	NASULGC Committee on Student Learning and Accountability
2006	NIH Pioneer Award Review Committee
2006	NIH Roadmap Advisory Committee
2006-2009	Society for Neuroscience Governmental and Public Affairs Committee
2005-	External Advisory Committee for the Women's Health Initiative Memory Study, Wake Forest School of Medicine
2004-2008	Advisory Council on Research on Women's Health, Office of Research on Women's Health
2003-2005	Buck Institute Board of Directors
2002-2007	Kronos Research Foundation Board of Directors
2000-2004	National Advisory Council, National Institute on Aging
	2002-2004 Chair of the Working Group
2000-	Scientific Advisory Council, Society for Women's Health Research
1999-2005	Advisory Board, Oregon Regional Primate Center
1998	VA Merit Review Board
1998-2001	Council, The Endocrine Society
	2000-2001 Executive Council, The Endocrine Society
1997-2001	Advisory Committee, Claude Pepper Center, Bowman-Gray School of Medicine
1997-2001	Council, The American Physiological Society
1995-1996	Chair, Biological Science Section, Gerontological Society of America
1995-1997	Council and Executive Committee, Gerontological Society of America
1995-2008	NIH - Chair, Biochemical Endocrinology Study Section
1994-2001	Association of Chairs of Departments of Physiology
	1998-2001 Executive Committee
1992-2000	NIH - Member of Biochemical Endocrinology Study Section
1991-1998	Center for Biological Timing Advisory Committee, University of Virginia, Rockefeller and Northwestern Universities
1991-1994	Nominations Committee, Endocrine Society
1991-1994	Board of Directors, Society for the Study of Reproduction
1990-1993	NIH - Advisory Council on Aging: Task Force on Minority Aging Subcommittee
1990-1998	Member of the Board of Trustees Nathan W. and Margaret T. Shock Aging Research Foundation
1990-1998	Wisconsin Regional Primate Center Scientific Advisory Board
1986-1990	NIH - Member of Biochemical Endocrinology Study Section

Editorial Responsibilities

Co-Editor of a special edition of the Journal of Neurocytology 2000
Advisory Board of SAGE Knowledge Environment 2000-2005
Associate Editor of Journals of Gerontology, Biological Sciences 1996-2000

Member of the Editorial Boards of:

Physiological Reviews	2004-2005
Frontiers in Neuroendocrinology	2004-present
Mechanisms of Development and Aging	2000-2004
Chinese Journal of Physiology	2000-2003
Journal of Biological Rhythms	1995-1997
Endocrine Reviews	1995-1999
American Journal of Physiology	1993-2001
Neuroendocrinology	1989-1992
Journals of Gerontology	1988-2000
Endocrinology	1985-1989
Neurobiology of Aging	1982-1988
Biology of Reproduction	1982-1986, 1999-2003

Membership in Scientific Societies

American Physiological Society
Endocrine Society
Society for Neuroscience
Society for the Study of Reproduction

Teaching Responsibilities

University of California Davis (2002-2005)

Supervision of Ph.D. candidates: Adrienne Cashion, Lynnette Gerhold, Jose Ballesteros
Freshman Seminar: Biology of Aging (NPB90)
Women in Science and Engineering (SAS098, 198, 298)
Member of the Neuroscience Graduate Group
Member of the Molecular, Cellular and Integrative Physiology Graduate Group

University of Kentucky (1993-2001)

Principles in Systems, Cellular and Molecular Physiology (PGY 502), Course Director
Readings in Systems, Cellular and Molecular Physiology (PGY 602), Course Director
Human Functions (PGY 818), Endocrinology block
Hormonal Control Mechanism: Neuroendocrinology (PGY 607)
Biology of Aging (GRN 620)
Neurobiology of Aging (GRN 610)
Integrated Biomedical Sciences (IBS606)
Supervision of Ph.D. candidates: Helen Niu, Dena Dubal, Shane Rau, Adrienne Cashion

University of Maryland (1976-1993)

Medical Physiology (MPHY 601), Coordinator of the Endocrine Section
Reproductive Physiology (MPHY 612)
Neuroendocrinology of Reproduction (MPHY 613), Course Director
Supervision of Ph.D. candidates: Kathryn Scarbrough, Sufen Chiu, David Hinkle, Aihua Cai

Past and current postdoctoral fellows

<u>Name</u>	<u>Tenure</u>	<u>Current Position</u>
Ilene R. Cohen, Ph.D.	1981-1985	Senior Research Scientist, Eli Lilly Pharmaceuticals
Nancy G. Weiland, Ph.D.	1982-1988	Retired. Formerly Assistant Professor at the Rockefeller University
Gregg H. Larson, Ph.D.	1986-1989	Director, Medical Research and Strategic Planning, Pfizer Pharmaceuticals
Maria Angela Sortino, Ph.D.	1988-1991	Professor, University of Catania, Catania, IT
Jonathan M. Lloyd, Ph.D.	1988-1991	Senior Medical Liaison, Pfizer Pharmaceuticals
Kathryn Scarbrough, Ph.D.	1991-1992	Adjunct Assistant Professor, Rider University
Jacob P. Harney, Ph.D.	1992-1995	Associate Professor of Biology, Hartford University, Hartford, CT
Teresa McShane, Ph.D.	1992-1995	Senior Research Scientist and Veterinarian Pfizer Pharmaceuticals, Groton, CT
Kristine M. Krajnak, Ph.D.	1995-1998	Senior Research Fellow, NIOSH, Center for Disease Control
Michael L. Kashon, Ph.D.	1995-1998	Research Scientist, NIOSH, Center for Disease Control
Matthew J. Smith, Ph.D.	1996-2001	Professor and Chair of Biology, Pacific Lutheran University
Melinda E. Wilson, Ph.D.	1996-2001	Associate Professor of Physiology, University of Kentucky College of Medicine
Ying Liu, M.D.	1999-2000	Senior Research Scientist, NIDDK, NIH
Martina Böttner, Ph.D.	2001-2003	Senior Research Scientist, University of Kiel, Germany
Francesco Moran-Messen	2003-2006	Staff Toxicologist, California EPA
Karen Jelks	2004-2007	Lecturer, Neurobiology, Physiology and Behavior, UC Davis
Shotaro Suzuki	2003-present	
Candice Brown	2004-present	
Jodi Downs	2007-present	

Past graduate students

<u>Name</u>	<u>Tenure</u>	<u>Current Position</u>
Kathryn Scarbrough, Ph.D.	1986-1990	Adjunct Assistant Professor of Biology, Rider University
Aihua Cai, M.D., Ph.D.	1988-1995	Retired. Formerly Research Assistant Professor at University of Kentucky
Sufen Chiu, M.D., Ph.D.	1988-1992	Assistant Professor of Psychiatry University of California, Davis
David Hinkle, M.D., Ph.D.	1989-1994	Assistant Professor of Neurology, University of Pittsburgh
Helen Niu, M.D., Ph.D.	1993-1996	Senior Medical Liaison, Pfizer Pharmaceuticals
Dena B. Dubal, M.D., Ph.D.	1996-2002	Clinical Instructor in Neurology University of California, San Francisco

Past graduate students (continued)

<u>Name</u>	<u>Tenure</u>	<u>Current Position</u>
Shane W. Rau, M.D., Ph.D.	1999-2003	Clinical Assistant Professor, Department of Psychiatry, UNC
Lynnette Gerhold	2002-2005	Director of the Optical Imaging, University of Chicago
Adrienne Cashion	2001-2006	D.V.M. student
Jose Ballesteros	2004-2005	Ph.D. student

Chair and organizer of the meetings (From 2000 – present)

- 2005 International Conference on Steroids and the Brain, Torino, Italy
2004 NIA Conference on The Perimenopause: Steroid Therapies and Beyond, Bethesda, MD
2001 Gordon Conference on the Biology of Aging, Oxford, England
1998 NIA/Serono Conference on the Biology of the Menopause, Lake Arrowhead, CA

Invited Talks at Congresses and Conferences (From 2000 – present)

- 2009 American Association of Immunologists, Seattle, WA
Society for Neuroscience, Government and Policy Affairs Symposium, Chicago, IL
- 2007 NICHHD Conference for Specialized Cooperative Centers Program in Reproduction and Infertility and Women's Reproductive Health Research, (Keynote Address) Portland, OR
Therapeutic Options for Menopausal Health Meeting, Pasadena, CA
- 2006 Society for Neurotrauma, Women in Neurotrauma, St. Louis, MO
American Council of Education and Center for Advancement of Racial and Ethnic Equity, Long Beach CA (Keynote address)
- 2005 International Conference on Steroids and the Brain, Torino, Italy
Advancing the Study of Stroke in Women, Duke University, Durham, NC
10th Annual Graylyn Conference on Women's Cognitive Health: Fostering a Dialogue that leads to cutting edge translational research, Wake Forest School of Medicine, Winston Salem, NC
Ellison Medical Foundation Senior Scholars Meeting, Woods Hole, MA
AAMC National Meeting of Medical School Basic Science Department Chairs, Salt Lake City
- 2004 International Endocrine Society, Lisbon, Portugal
Keystone Symposium on Nuclear Receptors, Keystone, CO
- 2003 Presidential Symposium of the Cajal Club, American Association of Anatomists, San Diego, CA
Symposium on "Integrative Genomics: gene - organism -environment", University of Michigan, Ann Arbor
Symposium on the neuroprotective effects of steroids. IBRO Prague, the Czech Republic
Endocrine Society, Philadelphia, PA
Society for Neuroscience (Invited Speaker), New Orleans, LA

Invited Talks at Congresses and Conferences (continued) (From 2000 – present)

- 2002 Fifth Annual Aging Colloquium, Brown University, Providence, RI
FASEB Symposium on the “Estrogen a potent neuroprotective factor”, New Orleans, LA
Third Leonard Berg Symposium, Washington University, St. Louis, MO
Nordic Federation of Societies of Obstetrics and Gynecology (Keynote Speaker), Umea, Sweden
Wyeth Symposium on Estrogen Action, Half Moon Bay, CA
Society for Behavioral Neuroendocrinology, (Keynote Speaker), Amherst MA
Frontiers in Biomedical Science, Beijing, China
Society for Neuroscience (Invited Speaker), Orlando, FL
Fondation Ipsen Colloques Medecine et Recherche, Paris, France
- 2001 Gordon Conference on the Biology of Aging, Oxford, England
Conference on Steroids and the Nervous System, Torino, Italy
Minisymposium on Sex Steroids and the Brain: new signaling, new function, Cajal Institute, Madrid Spain
Symposium on “Women’s Reproductive Aging: Science, Politics and Ideology” Gerontological Society of America, Chicago IL
American Physiological Society Consensus Conference on Genome and Hormones: The Basis of Gender Differences in Physiology, Pittsburgh, PA
Kronos Research Foundation Symposium on Estrogen Action, Bar Harbor, ME
Endocrine Society, Plenary Speaker, Denver, CO
Wyeth-Ayerst Conference on Estrogen Action, County Clare, Ireland
British Pharmacological Society, London, England
- 2000 Conference on Sex and Gene Expression, Society for Women’s Health Research Greensboro, NC
International Seminar on Neuroplasticity, Development and Steroid Hormone Action, Honolulu, Hawaii
Fifteenth Joint Annual Conference of Biomedical Science, Taipei, Taiwan
World Congress on Alzheimer’s Disease, Washington, D.C.
Pharmacia Upjohn International Symposium on Estrogen: Expanding Roles for Men and Women, Marrakech, Morocco
American Society of Pharmacology and Experimental Therapeutics, Boston, MA
American Neuroendocrinology Society, Toronto, Ontario, Canada
Gerontological Society of America, Kleemeier Award Lecture, Chicago, IL

Invited Seminars at Universities (From 2000 – present)

- 2009 Reproductive Sciences, Washington State University, Pullman, WA
Workshop on Reproductive Sciences, Georgetown University, Washington DC
Convocation Speaker, College of Medicine, University of Kentucky, Lexington, KY
Center for Asian Pacific American Women Summit, Seattle, WA
- 2008 Blum Memorial Lecture, University of Texas Health Science Center at San Antonio
Keynote Speaker, Institute for Women’s Health Research, Northwestern University, Chicago IL

Invited Seminars at Universities (continued) (From 2000 – present)

- 2006 Dean's Distinguished Speaker, University of Colorado Health Science Center, Denver, CO
Department of Medicine, Distinguished Lecturer, University of Texas Health Science Center
at San Antonio
Inaugural Mindlin Lecturer, Department of Biology, University of Washington, Seattle
University of California Los Angeles, Brain Research Institute, Los Angeles, CA
- 2004 University of Texas Health Science Center Dallas Southwestern, Dallas, TX
University of Virginia, MSTP Distinguished Speaker, Charlottesville, VA
Buck Institute on Aging, Novato, CA
University of California, Los Angeles, Department of Physiology
University of Michigan, Ben Cohen Memorial Lectureship, Ann Arbor, MI
University of Wisconsin, Women in Science and Engineering Leadership Institute,
Center for Neuroscience, and the Dept of Comparative Bioscience, Madison, WI
Baylor College of Medicine, Huffington Center on Aging, Houston, TX
- 2003 University of Oregon, Health Science Center, Portland, OR
SUNY Downstate, Brooklyn, NY Honorary Graduate School Lecturer
University of Southern California, Los Angeles, CA
Campus-wide 2003 Convocation, UC Davis, Davis, CA
- 2002 University of Kansas Symposium in honor of James Voogt, Kansas City, KS
University of North Texas, Department of Physiology, Fort Worth, TX
NIEHS Distinguished Speaker Series, Research Triangle Park, NC
Jackson Laboratory, Bar Harbor, ME
University of Alabama, Departments of Internal Medicine and Physiology, Birmingham,
AL
Swarthmore College, Department of Biology, Swarthmore, PA
- 2001 University of Pittsburgh, Department of Physiology, Pittsburgh, PA
Taub Institute for Research on Alzheimer's Disease and the Aging Brain,
Columbia University, College of Physicians and Surgeons, NY
VA Center for Research on Aging, University of Maryland, Baltimore
- 2000 Albert Einstein College of Medicine, Bronx, NY
Johns Hopkins/University of Maryland, Hopkins/Maryland Distinguished Lecturer,
Baltimore, MD
Kronos Foundation for Aging Research, Phoenix, AZ
West Virginia University, Benedum Distinguished Lecture, Morgantown, WV

Publications

Chapters and Reviews

Wise PM, Suzuki S, Brown CM 2009 Estradiol: a hormone with diverse and contradictory neuroprotective actions. *Dialogues in Clinical Neuroscience* 11:297-304

Suzuki S, Brown CM, Wise PM 2009 Neuroprotective effects of estrogens following ischemic stroke. *Frontiers in Neuroendocrinology* 30:201-211

Brown CM, Suzuki S, Jelks KAB, Wise PM 2009 Estradiol is a potent protective, restorative and trophic factor after brain injury. *Seminars in Reproductive Medicine* 27:240-249

Downs JL, Wise PM 2009 The role of the brain in female reproductive aging. *Molecular and Cellular Endocrinology* 299:32-38

Wise PM 2008 Clearing estrogen's bad name. *The Scientist* 22:40-44

Turgeon JL, Carr MC, Maki PL, Mendelsohn ME, Wise PM 2006 Broad and complex actions of steroids in adipose, the cardiovascular system, and brain: insights derived from basic science and clinical studies. *Endocrine Reviews* 27:575-605

Wise PM 2006 Estrogen therapy: Does it help or hurt the adult and aging brain. Insights derived from animal models. *Neuroscience*. 138:831-836

Suzuki S, Brown CM, Wise PM 2006 Mechanisms of neuroprotection by estrogen. *Endocrine* 2:209-216

Wise PM, Dubal DB, Rau SW, Brown CM, Suzuki S 2005 Are estrogens protective or risk factors in brain injury and neurodegeneration? Re-evaluation after the Women's Health Initiative. *Endocrine Reviews* 26:308-312

Wise PM 2005 Female reproductive aging. In: *Biology of Aging* (Masoro EM, Austad S, eds) Chapter 21.

Wise PM 2005 Estrogens and cerebrovascular stroke: What do the animal models tell us? (Singh M, Simpkins JW, eds) *Annals of the New York Academy of Science* 1052:225-232
67.

Wise PM, Cashion AB, Gerhold LM 2004 Neuroendocrine modulation and its role in the menopause. In: *Hormones, Age and Cancer* (Berstein LM, ed) pp 94-111

Wise PM 2003 Estrogens: protective or risk factors in brain function? *Progress in Neurobiology* 69:181-191

Bellino FL, Wise PM 2003 Non-human primate models of the menopause workshop. *Biology of Reproduction* 68:10-13

Wise PM 2003 Neuroprotective actions of estradiol in brain injury. *Endocrine* 21:11-15

Wise PM, Dubal DB 2003 Are estrogens protective or risk factors in the brain: insights derived from animal models. In: *Endocrine Aspects of Successful Aging: Genes, Hormones and Lifestyles*. (Chanson P., Epelbaum J, Lamberts S, Christen Y, eds) Springer pp165-174

Wise PM, Dubal DB, Rau SW, Cashion AB 2003 Mechanisms of sex-based neuropathologies. In: *Principles of Sex-Based Physiology* (Miller VM, ed) pp 281-294

Wise PM 2003 Aging of the reproductive system. In: *Physiological Basis of Aging and Geriatrics*. (Timiras PS, ed) Third Edition CRC Press pp 189-212

Wise PM 2002 Estrogen and neuroprotection. *Trends in Endocrinology and Metabolism* 13:229-230

Wise PM, Smith MJ, Dubal DB, Wilson ME, Rau SW, Cashion AB, Böttner M, Rosewell KL 2002 Neuroendocrine modulation and repercussions of female reproductive aging. *Recent Progress in Hormone Research* 57:235-256

- Wise PM, Smith MJ 2002 Aging of the female reproductive system. In: Springer Encyclopedia of Aging. (Maddox G, ed) Third Edition Springer Verlag. 1:392-394
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