

Curriculum Vitae Maureen Keller-Wood

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Current Position: Professor, Dept of Pharmacodynamics
Chair, Department of Pharmacodynamics

Education:

A.B. Biochemistry, 1977
Vassar College, Poughkeepsie, NY

Ph.D. Endocrinology, 1982
University of California, San Francisco

Research Interests:

Mineralocorticoid and glucocorticoid receptor function
physiologic and genomic effects of adrenal steroids in the fetus and in pregnancy
interaction of progesterone with corticosteroid receptors
corticosteroid effects on hippocampus; hippocampal serotonin in pregnancy

Research and Professional Experience

1978-1982 Graduate Student (Mary F. Dallman, Ph.D., mentor)
Department of Physiology
University of California, San Francisco

1983 Postdoctoral Scholar (Mary F. Dallman, Ph.D., mentor)
Department of Physiology
University of California, San Francisco

1983-1985 Postdoctoral Scholar (M. Ian Phillips, Ph.D., mentor)
Department of Physiology, University of Florida

1985-1988 Assistant Research Scientist
Department of Physiology, University of Florida

- 1988-1993 Assistant Professor
Department of Pharmacodynamics, University of Florida
- 1993-2000 Associate Professor
Department of Pharmacodynamics, University of Florida
- 2000- present Professor
Department of Pharmacodynamics, University of Florida
- 2002-present Chair
Department of Pharmacodynamics, University of Florida

Research Funding (as PI):

Present:

NIH Research Grant, R01 HD56288, 2008-2013
“The baroreflex in Pregnancy: Effects of adrenal and placental steroids”

NIH Research Grant, R01 DK62080, 2003-2009
“Cortisol at Mineralocorticoid Receptors Mediate Fetal Physiologic/Genomic Effects”

Past:

NIH Research Grant, R01 DK38114, 1987-1996, 1998-2002, 2003-2008
“Control of Corticotropin during Pregnancy”

NIH Research Grant, R03 HD38734, 2001-2003
“Steroid Effects on Vascular Reactivity and Nitric Oxide”

NIH Research Grant, R01 HD35175, 1998-2002
“Role of Maternal Corticosteroids in Fetal Homeostasis”

American Heart Florida Affiliate Grant-In-Aid, 1995-1997
Role of Maternal Cortisol in Fetal Cardiovascular Homeostasis

American Heart Florida Affiliate Grant-In-Aid, 1992-1994
Estrogen and Progesterone Effects on Vasopressin Secretion

NIH Research Career Development Award K01 DK01898, 1989-1994
“Control of Corticotropin during Pregnancy”

American Heart Florida Affiliate Grant-In-Aid, 1989-1992
“Interactions between cardiovascular and noncardiovascular inputs
to AVP and ACTH”

NIH New Investigator Award R23AM36039, 1985-1989
“Temporal Relations in Control of ACTH by Corticosteroids”

NIH Postdoctoral Fellowship 1984-1986

Awards & Honors:

General and Departmental Honors, Vassar College
Phi Beta Kappa
Regents Fellow, Univ. of California, San Francisco, 1977-1978
Predoctoral Traineeship, UC San Francisco, 1979-1980
NRSA Postdoctoral Fellowship, 1984-1985
NIH New Investigator Award
NIH Research Career Development Award
Teaching Improvement Program Awardee, 1999, University of Florida
University of Florida Research Foundation Professorship, 2000-2003

Current Teaching

PHA5560/PHA5561, Physiological Basis of Disease 1998-
Cardiovascular Physiology/Pathophysiology
Reproductive Physiology/Pathophysiology

PHA5517, Pharmacology 2002-
Pharmacology of Steroid Anti-Inflammatory Drugs
Pharmacology of Reproductive Steroids

Research Mentorship

Professional student summer research training (Pharm D. students) 1998-2003
Minority High School Research Training Program, (1991-1996)
Student Science Training Program, University of Florida (1987, 1992, 1995)
NIH Summer Professional Student Training Program (2000, 2002)
NIH Minority Summer Student training Program (2001, 2002)
Foreign Pharmacy student research projects (2003, 2004)

Doctoral Research Committees

Melanie Pecins-Thompson, Pharmacodynamics (Chair, graduated 1993)
Eun-Kyung Kim, Pharmacodynamics (Chair, graduated 1996)
Darren Roesch, Pharmacodynamics (Chair, graduated 1998)
Helen Yi Hua, Physiology/Pharmacology concentration, IDP (Co-Chair, graduated 2002)
Feng Li , Pharmacodynamics (Chair, graduated 2003)
Seth Reini, Physiology/Pharmacology concentration, IDP (Chair, graduated 2008)
Melissa Landen, Pharmacodynamics (Chair)
Xiodi Feng, Pharmacodynamics (Chair)

Hong-gen Chen, Physiology (graduated 1991)
Christine Saoud, Physiology (graduated 1995)
Hiyan Tong, Physiology (graduated 1998)
Gail Danek, Nursing (graduated 1998)
Patti Green, Pharmacodynamics (graduated 1999)
Kelly Gridley, Pharmacodynamics (graduated 1999)
Scott Purinton, Physiology (graduated 1999)
Pini Orbach, Physiology (graduated 1999)
Robin Martin, Pharmacodynamics (graduated 2000)
Denise McGuire, Nursing (graduated 2000)
Alok Pachori, Pharmacodynamics (graduated 2001)
Damien Giroux, Physiology/Pharmacology concentration, IDP (graduated 2002)
Sharon Reimsnider, Physiology/ Pharmacology concentration, IDP (graduated 2004)
Evelyn Perez, Pharmacodynamics (graduated 2004)
Amanda Shaw, Pharmacodynamics (graduated 2004)
Caren Beck, Pharmacodynamics (graduated 2005)
Christine Schaub, Physiology/Pharmacology concentration, IDP (graduated 2005)
Justin Grobe, Pharmacodynamics
Jason Gersting, Physiology/Pharmacology concentration, IDP
Melanie Powers, Physiology/Pharmacology concentration, IDP
Yiding Chen, Physiology/Pharmacology concentration, IDP

Master's committees

Zuan Yun, Pharmacodynamics (Chair, graduated 2002)

University Service

College Committee membership:

Space Committee, 2003-
College of Pharmacy self-study committee (preparation for accreditation review), 1999-2001
Curriculum Committee, College of Pharmacy 1995-1998
Committee for Honors Program in the B.S in Pharmaceutical Sciences, 1989
Task Force on Education of Problem Solving Professionals, 1990
Task Force on Performance Measures, 1992

Search Committee membership:

Department of Pharmacodynamics, Chair of committee: 1990; 1994; 2001-2

Department of Pharmaceutics, College of Pharmacy, 1990 and 1992

Department of Physiology, College of Medicine, 1990, 1994

Dept of Medicinal Chemistry, 1998, 2004

Department Committee membership:

Graduate Student Admissions committee, 1992, 1998-2002

Chair, Graduate Student Admissions Committee, 1993-1997

University committee membership:

Committee on Conflict of Interest, 1991

Reviewer, Division of Sponsored Research Career Development Awards, 1991, 2001, 2004

Reviewer, ORTGE Incentive Funds Awards, 2000

Animal Care Advisory Committee 1996-1999

Institutional Animal Use and Care Committee 1998-2001

Professional Services

Reviewer: American Journal of Physiology, Endocrinology, Journal of the Society for Gynecologic Investigation, Neuroendocrinology, Journal of Physiology

Special Reviewer, Endocrinology Study Section, NIH, 1991

External Reviewer, NIH 1993

Special Reviewer, NIH site visit team, 1994

Reviewer, NIH Special Study section, 1998 and 1999

Reviewer, American Heart association Florida Affiliate, 1995-97

Reviewer, Sun Coast Cardiovascular Research and Education Foundation, 1998-2000

Reviewer, American Heart Association Florida Affiliate, Medical Student Training Program, 1998

Study section member, NIDDK Subcommittee B (Diabetes, endocrinology and metabolism), 1998-2000

Ad hoc review, NIH study section HED-1, October 2000, June 2003

Ad hoc reviewer, NIH special study sections, July 2001 and March 2002

Ad hoc reviewer, Fogarty Awards, NIH, July 2001

Study section member, Perinatology and Pregnancy (PN), 2004-2008

Professional Societies

American Physiological Society

Endocrine Society

Sigma Xi

Society for Gynecologic Investigation