

Pamela L. Mellon, Ph.D.

Vice-Chair for Research, Department of Reproductive Medicine
Distinguished Professor, Departments of Reproductive Medicine and Neurosciences
Director, Center for Reproductive Science and Medicine
University of California, San Diego, School of Medicine

3A14 Leichtag Biomedical Research Building
9500 Gilman Drive, La Jolla, CA 92093-0674

(858) 534-1312, Fax (858) 534-1438, e-mail: pmellon@ucsd.edu

Departmental Web page: <http://repromed.ucsd.edu/divisions/endocrinology/mellon.shtml>

Laboratory Web Page: <http://repro.ucsd.edu/Mellon/SitePages/home.aspx>

ORCID 0000-0002-8856-0410

EDUCATION

B.A., 1975, University of California at Santa Cruz
Degrees in both Biology and Chemistry with Highest Honors

Ph.D., 1979, University of California at Berkeley
Department of Molecular Biology

Dissertation: Two Transforming Genes and Three Replicative Genes of Avian RNA
Tumor Viruses: Identification, Gene Order, and Gene Expression

APPOINTMENTS

Research Associate, 1975, University of California at Berkeley
Department of Molecular Biology with Dr. Harrison Echols

Postdoctoral Fellow with Dr. Tom Maniatis
1979-1980, California Institute of Technology, Division of Biology
1980-1984, Harvard University, Department of Biochemistry and Molecular Biology

Assistant Professor
1984-1990, The Salk Institute for Biological Studies, Regulatory Biology Laboratory

Assistant Adjunct Professor
1988-1991, University of California, San Diego

Associate Professor
1990-1991, The Salk Institute for Biological Studies, Regulatory Biology Laboratory

Associate Professor
1992-1994, University of California, San Diego
Departments of Reproductive Medicine and Neurosciences, School of Medicine

Professor
1994-2015, University of California, San Diego
Departments of Reproductive Medicine and Neurosciences, School of Medicine

Director
1999-present, Center for Reproductive Science and Medicine

Vice-Chair for Research
2007-present, Department of Reproductive Medicine

Distinguished Professor
2015-present, University of California, San Diego
Departments of Reproductive Medicine and Neurosciences, School of Medicine

HONORS AND AWARDS

Highest Honors in Biology and Chemistry, University of California, Santa Cruz (1975)
National Science Foundation Graduate Fellowship, University of California, Berkeley (1975-1979)
Weizmann Postdoctoral Research Fellowship, California Institute of Technology (1979-1980)
National Institutes of Health Postdoctoral Research Fellowship, Harvard University (1980-1983)
Leukemia Society of America Special Fellow, Harvard University (1983-1984)
Mellon Foundation Assistant Professor, The Salk Institute for Biological Studies (1984-1985)
Richard E. Weitzman Memorial Award of The Endocrine Society for Outstanding Research Achievement in the Field of Endocrinology by a Young Investigator (1989)
Award for Outstanding Teaching, Department of Neurosciences, UCSD (1993)
Sixth Annual William A. Sadler Lecture in the Reproductive Sciences, at the 23rd Annual Meeting of the Directors of NICHD Reproductive Sciences Research Centers (1994)
Faculty Distinguished Lecturer, UC San Diego School of Medicine (1996)
MERIT AWARD, National Institute of Child Health and Human Development, National Institutes of Health (1996-2006)
The Young Investigator Award of the Pituitary Society for Outstanding Research (1997)
The Ernst Oppenheimer Memorial Award of the Endocrine Society, for Meritorious Research in the Field of Endocrinology (1997)
MENTOR AWARD for Excellence in Research Training, National Institute of Child Health and Human Development, National Institutes of Health (2003-2013)
Elected President of Women in Endocrinology (2010-2012)
Molecular Endocrinology's Outstanding Reviewer (2011)
Chancellor's Award for Excellence in Postdoctoral Scholar Mentoring (2013-2014)
Mentor Award from Women in Endocrinology (2014)
Distinguished Professor, UC San Diego (2015)

CURRENT GRANT FUNDING

NIH R01 HD072754-26, Neurosecretory Gene Expression in the Hypothalamus
Pamela L. Mellon, Principal Investigator, 07/01/91-6/30/18

NIH R01 HD082567-03, Neuroendocrine Actions of Androgens in Female Reproduction
Pamela L. Mellon, Principal Investigator, 04/01/15-01/31/20

NIH P50 HD012303-34, Center for Reproductive Science and Medicine, 04/01/92-03/31/21
National Center for Translational Research in Reproduction and Infertility (NCTRI)
Pamela L. Mellon, Director; R. Jeffrey Chang, Co-Director
Project Leader of Project I: The Role of FSH in Female Infertility

NIH K12 HD001259-17 (C. Nager, P.I.), Reproductive Sciences Research Career Development Center, Pamela L. Mellon, Research Director and Recruitment Officer, 04/01/99-06/30/20

NIH T32 HD007203-34, Training in Reproductive Sciences, 05/01/93-4/30/18
Pamela L. Mellon, Director; R. Jeffrey Chang, Co-Director, previous MENTOR AWARD

NIH P30 CA23100-30 (D. Carson, P.I.), Specialized Cancer Center Support Grant
Pamela L. Mellon, Director: Transgenic Mouse and Embryonic Stem Cell Shared Resource
05/01/01-04/30/19

NIH P30 DK063491-14 (J.M. Olefsky, P.I.), Diabetes Endocrinology Research Center
Pamela L. Mellon, Co-Director of the Center
Director: Transgenic Mouse and Embryonic Stem Cell Core, 5/01/03-04/30/18

NIH P42 ES010337-15 (R. Tukey, P.I.), Superfund Basic Research Program, 04/01/04-03/31/17
Molecular Models and Models of Exposure, Pamela L. Mellon, Director: Mouse Genetics Core
Director, Training Core

PREVIOUS GRANT SUPPORT

NIH U54 HD012303, Center for Reproductive Science and Medicine, 04/01/99-03/31/16
Specialized Cooperative Center for Reproduction Research
Pamela L. Mellon, Director
(Renewed as National Center for Translational Research in Reproduction and Infertility P50
HD012303 in 2016)

NIH U54 HD012303-33, Center for Reproductive Science and Medicine, 04/01/11-03/31/13
Project Leader of Collaborative Pilot: Synergizing Approaches to Discovering New
Genes Controlling GnRH Neurons

NIH R01 DK044838-21 Neurosecretory Gene Expression in the Hypothalamus, 07/01/91-11/30/12
Pamela L. Mellon, Principal Investigator (renewed as R01 HD072754-22)

NIH R01 HD020377-27, Molecular Mechanisms of Gonadotrope Differentiation, 7/1/85-6/30/12
Pamela L. Mellon, Principal Investigator, MERIT AWARD 7/1/96-6/30/06

NIH P50 HD12303, NICHD Specialized Center for Population Research
Neuroendocrine-Metabolic Control of the Menstrual Cycle
Pamela L. Mellon, Co-Director and P.I. Unit II, 4/1/93-3/30/99
(Renewed as U54 Specialized Cooperative Center for Reproduction Research in 1999)

March of Dimes Basic Research Grant
Regulation of the Chorionic Gonadotropin Genes in Placenta
Pamela L. Mellon, Principal Investigator, 7/1/89-6/30/97 and 6/1/98-5/31/00

NIH R13 DK, Gordon Research Conference on Hormone Action
Pamela L. Mellon, Principal Investigator, 1995

March of Dimes Basic Research Grant
Gordon Research Conference on Hormone Action
Pamela L. Mellon, Principal Investigator, 1995

National Science Foundation
Gordon Research Conference on Hormone Action
Pamela L. Mellon, Principal Investigator, 1995

The Fritz Burns Foundation
Immortalization of Differentiated Neurons from the Brain
Pamela L. Mellon, Principal Investigator, 1/1/91-12/31/91

Research Support Gift from Amylin Corporation
Transgenic Mouse Models for the Role of Amylin in Physiology
Pamela L. Mellon, Principal Investigator, 6/1/90-5/31/91

The Fritz Burns Foundation Transgenic Animal Models for Heritable Cancer
Pamela L. Mellon, Principal Investigator, 1/1/90-12/31/90

NIH R01 HD, Glycoprotein Hormone α -Subunit Gene Transcription.
Pamela L. Mellon, Principal Investigator, 2/1/88-1/31/93

NIH R03 DK, Luteinizing Hormone in Endocrine and Reproductive Disease
Pamela L. Mellon, Principal Investigator, 9/1/87-8/31/88

NIH R01 HL, Hemoglobinopathy Gene Therapy: Use of Retroviral Vectors
Inder M. Verma, PI; Pamela L. Mellon, Co-Investigator, 7/1/86-6/30/91

Mellon Foundation Support for Assistant Professors in Reproductive Sciences,
9/1/84-7/1/85

NATIONAL and INTERNATIONAL PROFESSIONAL SERVICE

Leader of the NICHD Steroids, Metabolism and Female Fertility Focus Group for the National Centers for Research on Reproduction and Infertility, 2016-present
Review Editorial Board of *Frontiers in Cellular Neuroscience*, 2016-present
Review Editorial Board of *Frontiers in Pituitary Endocrinology*, 2011-present
Editorial Board of *Molecular and Cellular Endocrinology*, 2012-2016
NICHD Intramural Program Reviewer, June 2016
President, Women in Endocrinology, 2010-2012,
President-Elect 2009-2010; Past President 2012-2014
Faculty of 1000, Medicine: Neuroendocrinology and Pituitary Section, 2004-2016
Abstract Reviewer, Annual Meeting of The Endocrine Society, 1999-2010, 2015-2017
Editorial Board of *Molecular Endocrinology*, 1994-1997, 2009-2011
Doris A. Howell Foundation for Women's Health Research: Scientific Advisory Committee, 2008-2012; Grants Committee, 2005-2011; Board of Directors, 2005-2008
Editorial Board of *Gene Regulation and Systems Biology*, 2009-2013
Basic Science Chair, Endocrine Society Bridge Grant Review Group, 2008-2010, Inaugural member, 2006-2008
Founding Member of the Scientific Advisory Committee (1993-2009) and the Board of Directors (1993-1997), FRAXA, Fragile X Research Foundation
Chair of the Awards Committee, Women in Endocrinology, 2005-2008, Member 2005-2012
Council Member, The Endocrine Society, 2001-2004
Chair of the Steering Committee of the NICHD Specialized Cooperative Centers for Reproduction Research, 2002-2004
Leader, Neuroendocrine Focus Group, NICHD Specialized Cooperative Center for Reproduction Research, 2000-2004, Member 2000-2014
Member, Associates Council of The Endocrine Society, 2001-2004
Member, Annual Meeting Steering Committee of The Endocrine Society, 1999-2001
Scientific Advisory Board of Vitro Diagnostics, Inc., 1999-2007
Chairman, Endocrinology Study Section, National Institute of Health, 1996-1998.
Member, 1994-1998, frequent ad hoc reviewer for multiple NIH CSR and Institute reviews
Administrative Chairman of the Technical and Applied Sciences Group of the Division of Research Grants of NIH, 1996-1998
Founding Organizing Committee of the American Neuroendocrine Society, 1995-1997
Advisory Committee to the National Institute of Digestive and Kidney Diseases Endocrinology Research Program and the National Hormone and Pituitary Distribution Program, 1992-1996
Chair (Organizer), Gordon Research Conference on Hormone Action, 1995
Vice-Chair for 1994
The National Research Council Committee for the Study of Research-Doctorate Programs in the United States, National Academy of Sciences, 1991-1995
The National Task Force on the NIH Strategic Plan, National Institutes of Health, Basic Biological Research Panel, 1992
Editorial Board of *Neuron*, 1990-1993
Editorial Board of *Endocrinology*, 1990-1993
Organizer of NIH NICHD Workshop on Genic and Transgenic Models of Reproductive Hormone Action, Bethesda, 1991
Scientific Advisory Board of KaroBio, A.B., Stockholm, Sweden, 1987-1989

SOCIETY MEMBERSHIPS

The Endocrine Society, 1986-present, Council Member, 2001-2004
American Association for the Advancement of Science, 1986-present

Women in Endocrinology, 1988-present,
President-Elect 2009-2010, President 2010-2012, Past President, 2012-2014
American Neuroendocrine Society, 1995-present, Founding Member
FASEB, 1999-present
Society for Neuroscience, 2003-present
The Pituitary Society, 1997-present
Society for the Study of Reproduction, 2016-present
American Society for Microbiology, 1986-1998

TEACHING

Molecular and Cellular Neurobiology, NEU 268. Course Organizer and Lecturer,
1992-2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016 (Lecturer: 1986, 1988, 1990)
Course is an elective for School of Medicine, Biomedical Sciences Graduate Program and
the Graduate Program in Neurosciences
Office of Postdoctoral Affairs: Funding Fest: Pathways to Independence: Winning an NIH K99/R00
Grant (2012-2016)
National Center of Leadership in Academic Medicine (NCLAM), Lectures in Grant Writing and
Strategies for Junior Faculty, 2001, 2003-2016
Reproductive Medicine Junior Faculty Career Advancement Lecture Series, Organizer and
Lecturer, Quarterly lectures, 2013-present
Faculty Development Workshop on Faculty Research Space Allocation, 2015, 2016
Scientific Ethics, SOMI 226, Discussion Leader, 1998, 2012, 2014, 2015, 4/2016, 6/2016
Ludwig Institute Postdoctoral Fellows, workshop on Writing K99/R00 grants, 2015
Organized Reading, Biomedical Sciences, BIOM 296, 1995-1996, 2000-2003, 2006-2008, 2011-
13 (Organizing Course Instructor 2012-2013), 2014
Office of Postdoctoral Affairs: Two Individual Development Plan Workshops, 2014
Research Connections Postdoctoral Fellow Seminar Series: "Career Path: Advice for Women in
Science", 2012
BGGN 211: Recent Advances and Experimental Approaches in Modern Biology, 2011
Molecular and Cellular Neuroendocrinology NEU222, Graduate Program in Neurosciences,
Lecturer, 1992-1997, 2000, 2002, 2004, 2006, 2008, 2010
"Balancing research careers with family/home life", Panel for Psychiatry Residents, 2010
Neurosciences Boot Camp, Graduate Program in Neurosciences, 1988-2010
San Diego Laboratory Management Course, 2008
Molecular and Modern Methodologies in Physiological Sciences, BIOM 250, Lecturer, 1998, 2000,
2002, 2004
Neurobiology Course, Marine Biological Laboratory at Woods Hole, 2001
Modern Techniques of Biomedical Research, Medicine 260, Lecturer, 1997, 1998
Markey Small Group Conference; Manipulation of the Mouse Genome, 1994-1996
Department of Neurosciences Award for Outstanding Teaching, UCSD, 1993
Frontiers in Reproductive Biology, Fifth College, Lecturer, 1993 (FTH 90)
Developmental Biology Course, Marine Biological Laboratory at Woods Hole, 1991

UNIVERSITY FACULTY ASSOCIATIONS AND POSITIONS

Vice-Chair for Research, Department of Reproductive Medicine
Director of the Center for Reproductive Science and Medicine (NICHD U54/P50 grant)
Director of the UCSD Transgenic Mouse and Embryonic Stem Cell Core Facility
Research Director and Recruitment Officer of the NICHD Women's Reproductive Health Research
Center (NICHD K12 grant)
Training Core and Mouse Genetics Core Director, Superfund Research Center (NIEHS P42 grant)

Co-Director of the UCSD/UCLA Diabetes Research Center (NIDDK P30 grant)
 Member of the Moores Cancer Center; Group in Cancer Biology (UCSD Organized Research Unit and NCI P30 grant)
 Member of the Stein Institute for Research on Aging (UCSD Organized Research Unit)
 Member of the Center for Circadian Biology (UCSD Organized Research Unit)
 Member of the Clinical and Translational Research Institute (UCSD Organized Research Unit and CTSA UL1 grant)
 Member, Center of Excellence in Women's Health, UCSD
 Faculty of the Graduate Program in Biomedical Sciences
 Faculty of the Graduate Program in Neurosciences
 Faculty of the NIH T32 Training Grants:

Training in Reproductive Sciences	<i>Director since 1997</i>	(HD007203)
Experimental Endocrinology and Metabolism	<i>Co-Director 2004-2016</i>	(DK007044)
	<i>Steering Committee 2016-present</i>	
Training Program in Basic and Clinical Genetics	<i>Steering Committee since 1998</i>	(GM008666)
Training in Molecular Endocrinology		(DK007541)
Training Program in Diabetes Research		(DK007494)
Neuroplasticity and Aging Training Program		(AG000216)
Training in Neuroscience Related to Drug Action		(DA007315)
Faculty of the Initiative Minority Support and Development (IMSD)		(R25 GM083275)
Mentoring Young Minds to Increase Diversity in Biomedical Research		

UNIVERSITY SERVICE, UNIVERSITY OF CALIFORNIA, SAN DIEGO

Director, UCSD Transgenic and Embryonic Stem Cell Core Facility, 1995-present
 Women's Faculty Network at UC San Diego, Member, 2017-present
 Panelist, Training Grant Principal Investigator Workshop, 2017
 Search Committee for Faculty Director for Postdoctoral Scholar Education and Training, 2015
 Conflict of Interest Management Subcommittee, 2012-2015
 Host, High-School Outreach Program of the Society for Undergraduate Research and Outreach (SURO), 2013-2016
 Panel of Advisors for Senate Members with Grievances, 2009-2010
 Vice-Chair, Committee on Research of the UCSD Academic Senate, 2007-2008, member 2005-2006
 Ad Hoc Working Group on Animal Research Costs, 2008
 Ad Hoc Working Group on Instrumentation/Core Facilities, 2007-2008
 The Female Faculty Mentoring Program, Academic Affairs, UCSD, Member 2003-2007
 Chair (2005-2006) and Member (2004-2006) Health Science Subcommittee on Research
 Administrative Officer for the Committee on Privilege and Tenure, 2001
 Animal Subjects Committee, Alternate Member, 1996-1999
 Graduate Council of the UCSD Academic Senate, 1995-1997
 Chair of the Graduate Council Subcommittee on Graduate Courses, 1996
 Committee of Animal Investigators, 1995-1996
 Search Committees for: Director of Veterinary and Animal Services, 2000
 Director of Contracts and Grants of the School of Medicine, 2001
 Veterinarian, Veterinary and Animal Services, 2001
 Chair, UCSD Ad Hoc Committees for Faculty Promotion, 1995 (1), 1996 (4), 1999 (2), 2000 (1), 2007 (1)
 Member, UCSD Ad Hoc Committees for Faculty Promotion, 1994 (3), 1995 (4), 1996 (6), 1997 (3), 1998 (3), 1999 (4), 2000 (2), 2001 (2), 2004 (1), 2005 (1)
 Selection Committee for the Searle Scholarship, 1992, 1993

SCHOOL OF MEDICINE SERVICE

Health Sciences Research Strategic Planning Committee, 2017-present
Health Sciences Research Space Committee, 2007-present
Leadership Council of the National Center of Leadership in Academic Medicine, 2006-present
Diabetes Research Center, Co-Director and Chair of the Core Facility and Membership Committees, 2008-present
Diabetes Research Center, Selection Committee for Pilot and Feasibility Grants, 2002-present
Organizer, Summer Medical Student Research Program in Diabetes, UCSD, 2009-present
Research Director of the UCSD NICHD Women's Reproductive Health Research Center (NICHD K12), 2005-present, Advisory Committee member, 2001-present
Internal Advisory Committee, Superfund Research Program, 2011-present
Academic Resource Center Review Committee, 2016
ACTRI Workgroup on Space Allocation, 2014-2015
MBRF2 Workgroup on Space Allocation, 2012-2013
Institutional Award and Grant Submission Selection Committee, member 2002-2010, Vice-Chair 2007-2008, Chair 2008
Outside Professional Activities Review and Advisory (OPARA) Committee, 2002-2009
Ombudsman for Research Integrity, UCSD School of Medicine, 1993-2004
Chair of Committees of Inquiry into Scientific Misconduct, 1992-1993, 2002
SOM Department Chair 5-year Evaluation Committees, 1998, 2002, 2003, 2007, 2014, 2016
Work Group on Support Services for the Institutional Self Study Task Force on Accreditation by the Liaison Committee on Medical Education, 2002
Ad Hoc Group to Review Contract and Grant Process, 2001
Chair, Graduate Education Programs Committee, 1999-2000
Education Council, School of Medicine, 1999-2000
School of Medicine Committee on Educational Policy, 1999-2000
School of Medicine Electives Committee, 1998-1999
Strategic Planning Committee of the School of Medicine, 1997-1998
Department Chair Search Committees:
Chair of Pharmacology, 2002-2004
Chair of Medicine, 2000-2001
Chair of Reproductive Medicine, 1995-1996 and 2014-2015
Faculty Search Committees:
Chief Endocrinology/Metabolism in the Department of Medicine, 2012-2014
Director of the Pediatric Diabetes Research Center, 2009-2012
Three Faculty in Endocrinology, 2003-2006
Faculty in Neurosciences, 2000-2002
Three Faculty in Neurosciences, 1995-1996
Senior Faculty in Glycobiology, 1995
Building Advisory Committees:
Health Sciences Biomedical Research Facility II, Vivarium and Core Facility subcommittees (2007-2014)
Leichtag Biomedical Research Facility (1999-2004)
Moore's Cancer Center (2000-2001)
Chair, Leichtag Research Building Animal Users Committee, 2003-2005
Cellular and Molecular Medicine East Animal Users Committee, 1997-present
Cellular and Molecular Medicine Building Users Committee, 1991-1995

REPRODUCTIVE MEDICINE DEPARTMENTAL SERVICE

Vice-Chair for Research, 2007-present
Department Mentor Director, Faculty Mentoring Program for the Health Sciences, 2017-present
Chair, Departmental Research Space Committee, 2007-present
Reproductive Medicine Research Advisory Committee, 2015-present
Organizer, Annual Research Retreats, 2009-present
Organizer, Annual Faculty Promotion Meetings, 2011-present
Organizer, monthly Reproductive Medicine Basic Science Faculty meetings, 1999-present
Interview Committee member, Reproductive Endocrinology and Infertility Clinical Fellowship Program, 1992-present
Chair, Reproductive Biology Journal Review quarterly meetings, 1992-present
Chair, Reproductive Biology Journal Club 1992-2011, member through 2014
Organizer, NIH/NICHD SCCPIR Center Neuroendocrine and Ovary Focus Groups Meetings, La Jolla, 2007 and 2010
Organizer, NIH/NICHD Center Directors Meetings, La Jolla, 2003
Organizer, NIH/NICHD SCCPRR U54 Center Directors Meetings, La Jolla, 2003
Organizer and member of Organizing Committee, Samuel S.C. Yen Symposium and Testimonial Dinner, 2000

Faculty Search Committees:

- Chair, two Assistant Professors for Women's Reproductive Health Research, Physician/Scientists, 2016-present
- Member, Division Chief of OB/GYN, 2016-2017
- Chair, Faculty Recruitment in Reproductive Endocrinology and Infertility, 2014-2015
- Chair, Faculty Recruitment in Maternal-Fetal and Stem Cell Research, 2011-2013
- Reproductive Endocrinology and Infertility Division Chief, 2011-2012
- Chair, two Assistant Professors for Women's Reproductive Health Research, Physician/Scientists, 2011-2012
- Faculty Recruitment in Female Pelvic Floor Research, 2010-2011
- Chair, Assistant Professor for Women's Reproductive Health Research, Physician/Scientists 2010-2011
- Faculty Recruitment in Gynecological Oncology Research, 2010-2011
- Chair, two Faculty in Reproductive Biology Research, 2007-2008
- Chair, three Assistant Professors for Women's Reproductive Health Research, Physician/Scientists, 2005-2007
- Task Force on Basic Science Senior Recruitment in Gynecological Oncology, 2005-2006
- Faculty in Gonadal Biology, Endocrine Division, 2003-2006
- Chair of Neuroendocrine Faculty Search for the Division of Reproductive Endocrinology, 2004-2005
- Two Faculty for the Division of Perinatology, 2004-2006
- Clinical Faculty for Reproductive Endocrinology Division, 1997-1998
- Division Director for Reproductive Endocrinology Division, 1996-1997
- Faculty for the Division of Perinatology, 1998

GRADUATE PROGRAM SERVICE

Genetics and Genomics Track Membership Committee, Biomedical Sciences Graduate Program, 2016-present
Research faculty representative for the Reproductive Medicine track for the Med into Grad Program of the Biomedical Sciences Graduate Program, 2015-present
Standing and Promotions Advisory Committee of the Biomedical Sciences Graduate Program, 1996-2019
Chair, Research Proposition Qualifying Exam Committee, Graduate Program in Biomedical Sciences, 2012-2013
Member, Research Proposition Qualifying Exam Committee, Graduate Program in Biomedical Sciences, 1995-1996, 2000-2003, 2006-2008, 2012-2014
Pharmacology Training Grant Internal Advisory Committee, 2007, 2012
Core Committee of the Biomedical Sciences Ph.D. Program, 1999-2003
Admissions Committee, Biomedical Sciences Ph.D. Program, 2002
Outside Reviewer, UCLA Interdepartmental Graduate and Undergraduate Programs in Neurosciences, 1997
M.D./Ph.D. Program (MSTP) Admissions Committee, 1998-1999
Neurosciences Graduate Program Curriculum Committee, 1990-1994
Neurosciences Graduate Program Admissions Committee, 1993-1994
Neurosciences Graduate Program Proposition Exam Panel, 1989, 1991, 1993
Organizational Committee and Session Chairperson for Annual Neurosciences Exchange, 1990, 1991

PUBLICATIONS

Peer-Reviewed Research Articles

1. Wang, L.-H., Duesberg, P., Mellon, P., and Vogt, P. K. (1976). Distribution of Envelope-Specific and Sarcoma-Specific Nucleotide Sequences from Different Parents in the RNAs of Avian Tumor Virus Recombinants. *Proceedings of the National Academy of Sciences USA* 73, 1073-1077. PMID 177972; PMC430202
2. Wang, L.-H., Galehouse, D., Mellon, P., Duesberg, P., Mason, W. S., and Vogt, P. K. (1976). Mapping Oligonucleotides of Rous Sarcoma Virus that Segregate with Polymerase and Group-Specific Antigen Markers in Recombinants. *Proceedings of the National Academy of Sciences USA* 73, 3952-3956. PMID 186781; PMC431279
3. Folkmanis, A., Maltzman, W., Mellon, P., Skalka, A., and Echols, H. (1977). The Essential Role of the *Cro* Gene in Lytic Development by Bacteriophage Lambda. *Virology* 81, 352-362. PMID 898664
4. Mellon, P. and Duesberg, P. H. (1977). Subgenomic, Cellular Rous Sarcoma Virus RNAs Contain Oligonucleotides from the 3' Half and the 5' Terminus of Virion RNA. *Nature* 270, 631-634. PMID 201866
5. Mellon, P., Pawson, A., Bister, K., Martin, G. S., and Duesberg, P. H. (1978). Specific RNA Sequences and Gene Products of MC29 Avian Acute Leukemia Virus. *Proceedings of the National Academy of Sciences USA* 75, 5874-5878. PMID 215999; PMC393078
6. Pawson, T., Mellon, P., Duesberg, P. H., and Martin, G. S. (1980). *Env* Gene of Rous Sarcoma Virus: Identification of the Gene Product by Cell-Free Translation. *Journal of Virology* 33, 993-1003. PMID 6245279; PMC288633
7. Mellon, P., Parker, V., Gluzman, Y., and Maniatis, T. (1981). Identification of DNA Sequences Required for Transcription of the Human α_1 -Globin Gene in a New SV40 Host-Vector System. *Cell* 27, 279-288. PMID 6277501
8. Zinn, K., Mellon, P., Ptashne, M., and Maniatis, T. (1982). Regulated Expression of an Extrachromosomal Human β -Interferon Gene in Mouse Cells. *Proceedings of the National Academy of Sciences USA* 79, 4897-4901. PMID 6956899; PMC346792
9. Chao, M., Mellon, P., Charnay, P., Maniatis, T., and Axel, R. (1983). The Regulated Expression of β -Globin Genes Introduced into Mouse Erythroleukemia Cells. *Cell* 32, 483-493. PMID 6572107
10. Charnay, P., Treisman, R., Mellon, P., Chao, M., Axel, R., and Maniatis, T. (1984). Differences in Human α - and β -Globin Gene Expression in Mouse Erythroleukemia Cells: The Role of Intragenic Sequences. *Cell* 38, 251-263. PMID 6205764
11. Charnay, P., Mellon, P., and Maniatis, T. (1985). Linker Scanning Mutagenesis of the 5' Flanking Region of the Mouse β -Major Globin Gene: Sequence Requirements for Transcription in Erythroid and Nonerythroid Cells. *Molecular and Cellular Biology* 5, 1498-1510. PMID 3861935; PMC366883
12. Deftos, L. J., Murray, S. S., Burton, D. W., Parmer, R. J., O'Connor, D. T., Delegeane, A. M., and Mellon, P. L. (1986). A Cloned Chromogranin A (CgA) cDNA Detects a 2.3 Kb mRNA in Diverse Neuroendocrine Tissues. *Biochemical and Biophysical Research Communications* 137, 418-423. PMID 3718511

13. Cattini, P. A., Anderson, T. R., Baxter, J. D., Mellon, P., and Eberhardt, N. L. (1986). The Human Growth Hormone Gene is Negatively Regulated by Triiodothyronine when Transfected into Rat Pituitary Tumor Cells. *The Journal of Biological Chemistry* 261, 13367-13372. PMID 2428817
14. Murray, S. S., Deaven, L. L., Burton, D. W., O'Connor, D. T., Mellon, P. L., and Deftos, L. J. (1987). The Gene for Human Chromogranin A is Located on Chromosome 14. *Biochemical and Biophysical Research Communications* 142, 141-146. PMID 3814131
15. Isaacs, R. E., Findell, P. R., Mellon, P., Wilson, C. B., and Baxter, J. D. (1987). Hormonal Regulation of Expression of the Endogenous and Transfected Human Growth Hormone Gene. *Molecular Endocrinology* 1, 569-576. PMID 3153479
16. Delegeane, A. M., Ferland, L. H., and Mellon, P. L. (1987). Tissue-Specific Enhancer of the Human Glycoprotein Hormone α -subunit Gene: Dependence on Cyclic AMP-Inducible Elements. *Molecular and Cellular Biology* 7, 3994-4002. PMID 2828923
17. Akerblom, I. E., Slater, E. P., Beato, M., Baxter, J. D., and Mellon, P. L. (1988). Negative Regulation by Glucocorticoids Through Interference with a cAMP Responsive Enhancer. *Science* 241, 350-353. PMID 2838908
18. Sassone-Corsi, P., Visvader, J., Ferland, L., Mellon, P. L., and Verma, I. M. (1988). Induction of Proto-Oncogene *Fos* Transcription Through the Adenylate Cyclase Pathway: Characterization of a cAMP-Responsive Element. *Genes and Development* 2, 1529-1538. PMID 2850967
19. Mellon, P. L., Clegg, C. H., Correll, L. A., and McKnight, G. S. (1989). Regulation of Transcription by Cyclic AMP-dependent Protein Kinase. *Proceedings of the National Academy of Sciences USA* 86, 4887-4891. PMID 2544878
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116. Tang, Q., Mazur, M., Mellon, P.L. (2003). Suppression of Gonadotropin-Release Hormone Gene Expression by the Protein Kinase C Pathway Involves Multiple Transcription Factors Interacting at the Enhancer. The Endocrine Society, 85th Annual Meeting.
117. Bailey, J.S., Rave-Harel, N., Coss, D., McGillivray, S.M., Mellon, P.L. (2003). Activin Induction of the Ovine FSH β Gene Requires Smads and Pbx/Prep1 Homeodomain Proteins. The Endocrine Society, 85th Annual Meeting.
118. Chappell, P.E., White, R.S., Mellon, P.L. (2003). Transient Transfection of Circadian Clock Genes into GT1-7 Hypothalamic Cells Alters Pulsatile Secretion Patterns of GnRH. The Endocrine Society, 85th Annual Meeting.
119. Mellon, P.L., Coss, D., Bailey, J.S., Spady, T.J., Jacobs, S.B.R., McGillivray, S.M., Thackray, V.G., Pernasetti F. (2003). Mechanisms of Interaction of GnRH, Activin, and Androgen in Regulation of the FSH Beta Gene in the Pituitary Gonadotrope. Eighth International Pituitary Congress, New York, New York.
120. Chappell, P.E., White, R.S., Mellon, P.L. (2003). Disruption of Circadian Clock Gene Expression in Hypothalamic GT1-7 Cells Alters Secretory Patterns of GnRH. The Society for Neuroscience Annual Meeting.
121. Thackray, V.G., Mellon, P.L. (2004). Synergistic Regulation of FSH Beta Gene Transcription by Sex Steroid Hormone Receptors and Smad Proteins. Nuclear Receptors: Steroid Sisters, Keystone Symposium.
122. McGillivray, S.M., Thackray, V.G., Mellon, P.L. (2004). Glucocorticoid Receptors and Activin Synergistically Regulate FSH Beta Subunit Gene Transcription. Nuclear Receptors: Steroid Sisters, Keystone Symposium.
123. Thackray, V.G., Mellon, P.L. (2004). Activin and Sex Steroid Hormones Synergistically Regulate FSH Beta Subunit Gene Transcription. The Endocrine Society, 86th Annual Meeting.
124. McGillivray, S.M., Thackray, V.G., Mellon, P.L. (2004). Glucocorticoids and Activin Regulate Follicle Stimulating Hormone Beta Subunit Gene Transcription Synergistically. The Endocrine Society, 86th Annual Meeting.
125. Coss, D., Mellon, P.L. (2004). Mechanisms of GnRH and Activin Induction of FSH β and LH β in L β T2 Cells. The Endocrine Society, 86th Annual Meeting.
126. Chappell, P.E., White, R.S., Mellon, P.L. (2004). Cyclic Steroid Exposure Modulates GnRH Secretion from Immortalized GT1-7 Cells. Society for Research in Biological Rhythms Meeting.
127. White, R.S., Mellon P.L., Earnest, D.J., Chappell, P.E. (2004). Diffusible Factors from Immortalized SCN2.2 Cells Modulate GnRH Secretion from Immortalized GT1-7 Cells in Culture. Society for Research in Biological Rhythms Meeting.
128. Mellon, P.L., Coss, D., Bailey, J.S., McGillivray, S.M., Thackray, V.G., Pinson, K.I. (2004). Mechanisms of Interaction of GnRH, Activin and Steroid Hormones in Regulation of the Pituitary Gonadotropin Genes. International Congress of Endocrinology, Lisbon, Portugal.
129. Chappell, P.E., White, R.S., Earnest, D.J., Mellon P.L. (2004). Humoral Factors from an Immortalized Suprachiasmatic Nucleus Cell Line Modulate GnRH Secretion from Immortalized GT1-7 Cells. International Congress of Endocrinology, Lisbon, Portugal.
130. White, R.S., Mellon P.L., Earnest, D.J., Chappell, P.E. (2004). Diffusible Factors from Immortalized SCN2.2 Cells Modulate GnRH Secretion from Co-cultured Immortalized GT1-7 Cells. The Society for Neuroscience Annual Meeting.
131. McGillivray, S.M., Thackray, V.G., Mellon, P.L. (2005). Androgens, Progestins and Glucocorticoids Up-regulate Follicle-Stimulating β -Subunit Gene Expression at the Level of the Gonadotrope. The Endocrine Society, 87th Annual Meeting.

132. Hunnicutt, J.L., Thackray, V.G., Mellon, P.L. (2005). Suppression of GnRH-induced LH β -subunit Gene Expression by Progesterone. The Endocrine Society, 87th Annual Meeting.
133. Kirkwood, B.J., McGillivray, S.M., Mellon, P.L. (2005). Regulation of Mouse GnRHR Gene Expression by the LIM Family of Transcription Factors. The Endocrine Society, 87th Annual Meeting.
134. Miller, N.L.G., Givens, M.L., Mellon, P.L. (2005). Evolutionarily Conserved Upstream Regions of the GnRH Gene Contribute to Tissue-specific Expression. The Endocrine Society, 87th Annual Meeting.
135. Zhang, H., Bailey, S., Mellon, P.L. Webster, N.J.G. (2005). Activin Treatment Enhances the Anti-Proliferative Effect of GnRH. The Endocrine Society, 87th Annual Meeting.
136. Yacoo, J.J., White, R.S., Mellon, P.L. Chappell, P.E. (2005). Circadian Clock Components Mediate Transcriptional Regulation of Gonadotropin-Releasing Hormone (GnRH) In Immortalized GT1-7 Cells. The Society for Neuroscience Annual Meeting.
137. Avelino Cruz, J.E., Sánchez-Hernandez, Y., Ponce-Perez, L., Mellon, P.L., Monjaraz, E. (2005). Leptin Increases Spontaneous Electrical Activity in Gonadotropes Cell Line, L β T2. The Society for Neuroscience Annual Meeting.
138. Minematsu, T., Kajiya, H., Takekoshi, S., Mellon, P.L., Osamura, R. Y. (2006). Effect of Pit-1 Transfection on the mRNA Expression of Pit-1 Lineage Hormones in Mouse Pituitary Cell Lines. The Endocrine Society, 88th Annual Meeting.
139. Lu, M., Tang, Q., Olefsky, J.M., Webster, N.J.G., Mellon, P.L. (2006). Adiponectin Activates AMPK and Increases Luteinizing Hormone Secretion in L β T2 Gonadotropes. The Endocrine Society, 88th Annual Meeting.
140. Coss, D., Yaphockun, K.K.J., Mellon, P.L. (2006). Mechanisms of Synergistic Induction of FSH β by GnRH and Activin in L β T2 Cells. The Endocrine Society, 88th Annual Meeting.
141. Sasson, R., Dearth, R.K., White, R.S., Chappell, P.E., Mellon, P.L. (2006). Orexin A Induces GnRH Secretion from GT1-7 Hypothalamic GnRH Neurons. The Endocrine Society, 88th Annual Meeting.
142. Sasson*, R., Luu*, S.H., Mellon, P.L. (2006). Stimulation of Human Glycoprotein Hormone Alpha-subunit Gene Expression by Glucocorticoids at the Level of the Gonadotrope. The Endocrine Society, 88th Annual Meeting. *equal contributions
143. Thackray, V.G., Hunnicutt, J.L., Mellon, P.L. (2006). Progesterone Regulates Follicle-Stimulating Hormone and Luteinizing Hormone Beta-Subunit Gene Expression in Immortalized Gonadotropes. The Endocrine Society, 88th Annual Meeting.
144. Berdy, S.E., Mellon, P.L. (2006). Androgens Suppress Transcription of the GnRH Gene. The Endocrine Society, 88th Annual Meeting.
145. Minematsu, T., Kajiya, H., Takekoshi, S., Inoue, K., Mellon, P.L., Osamura, R.Y. (2006). Effect of Pit-1 Transfection on the mRNA Expression of Pit-1 Lineage Hormones in Mouse Pituitary Cell Lines. The Endocrine Society, 88th Annual Meeting.
146. Berdy, S.E., Mellon, P.L. (2006). Actions of Androgens on Hypothalamic Control of Reproduction. Annual Meeting of the Superfund Basic Research Program, New Technologies in Environmental Exposure: Science and Policy.
147. Coss, D., Hand, C.M., Yaphockun, K.K.J., Mellon, P.L. (2007). p38 MAPK is Critical for Synergistic Induction of FSH β by GnRH and Activin. SCCPIR Research Meeting, Portland, OR.

148. Lawson, M.A, Tsutsumi, R., Zhang, H., Talukdar, I., Butler, B.K., Santos, S.J., Mellon, P.L., Webster, N.J.G. (2007). Pulse Sensitivity of the LH β Promoter is determined by a Negative Feedback Loop Involving Egr1 and Nab1/2. SCCPIR Research Meeting, Portland, OR.
149. Thackray, V.G., Hunnicutt, J.L., Memon, A.K., Mellon, P.L. (2007). Mechanisms of Progesterone Repression of Luteinizing Hormone Beta-Subunit Gene Expression in Immortalized Pituitary Gonadotropes. The Endocrine Society, 89th Annual Meeting.
150. Berdy, S.E., Mellon, P.L. (2007). GnRH Transcription Is Suppressed by Ligand-Bound Androgen Receptor. The Endocrine Society, 89th Annual Meeting.
151. Coss, D., McGillivray, S.M., Mellon, P.L. (2007). The Role of Smad 3 in Activin Induction of FSH β Gene Expression. The Endocrine Society, 89th Annual Meeting.
152. Larder, R., Mellon, P.L. (2007). Regulation of Gonadotropin-releasing Hormone (GnRH) by Otx2 and Grg4. The Endocrine Society, 89th Annual Meeting.
153. Miller, N.L.G., Bischof, J.M., Wevrick, R., Mellon, P.L. (2007). Regulation of the GnRH Neuron by Necdin, a Member of the MAGE Protein Family. The Endocrine Society, 89th Annual Meeting.
154. Tsutsumi, R., Lawson, M.A, Zhang, H., Talukdar, I., Butler, B.K., Santos, S.J., Mellon, P.L., Webster, N.J.G. (2007). Pulse Sensitivity of the LH β Promoter is Determined by a Negative Feedback Loop Involving Egr1 and Nab1/2. The Endocrine Society, 89th Annual Meeting.
155. White, R.S., Phillips, W., Goodall, C.P., Bissey, J.R., Fitzgerald, K., Mellon, P.L., Chappell, P.E. (2007). *In Vitro* Steroid Treatment Modulates Temporal Protein Profiles of Large-Conductance Ca²⁺-Activated Potassium (BK) Channels in GT1-7 Cells, Correlated with Changes in GnRH Secretion. The Endocrine Society, 89th Annual Meeting.
156. Clark, D.D., Miller, N.L.G., Mellon, P.L. (2007). GnRH Neuronal Number and Distribution are Normal in Hypogonadal (*Hpg*) Mice Despite the Deficiency of GnRH. The Endocrine Society, 89th Annual Meeting.
157. Mellon, P.L., Thackray, V.G., McGillivray, S.M., Sasson, R., Hunnicutt, J.L., Hand, C.M., Luu, S.H., Coss, D. (2007). Hormones in Synergy: Regulation of the Pituitary Gonadotropin Genes. Invited Symposium presentation, The Endocrine Society, 89th Annual Meeting.
158. Iyer, A.K., Miller, N.L.G., Mellon, P.L. (2007). Two Evolutionarily Conserved Far Upstream Regions of the Gonadotropin-Releasing Hormone Gene Enhance GnRH Expression in Mature Hypothalamic Neuronal Cells. The Society for Neuroscience Annual Meeting.
159. Miller, N.L.G., Bischof, J.M., Wevrick, R., Mellon, P.L. (2007). Necdin, a Member of the MAGE Protein Family, Regulates the GnRH Neuron through Msx Homeodomain Proteins. The Society for Neuroscience Annual Meeting.
160. Larder, R., Tran, A.H., Miller, N.L.G., Mellon, P.L. (2007). Regulation of Gonadotropin-releasing Hormone (GnRH) by Six6. The Society for Neuroscience Annual Meeting.
161. Latham, K.L., White, R.S., Goodall, C.P., Fitzgerald, K., Mellon, P.L., Chappell, P.E. (2007). Steroids Modulate Protein Levels of Large-conductance Ca²⁺-activated Potassium (BK) Channels in GT1-7 Cells, Correlated with Changes in GnRH Secretion *In Vitro*. The Society for Neuroscience Annual Meeting.
162. Larder, R., Mellon, P.L. (2008). Examining the Role of Otx2 in the Developmental Regulation of Gonadotropin-releasing Hormone Neurons. The Endocrine Society, 90th Annual Meeting.
163. Thackray, V.G., Ghochani, Y., Mellon, P.L. (2008). Progesterone Mediates Follicle-Stimulating Hormone Beta-Subunit Gene Expression in Pituitary Gonadotropes. The Endocrine Society, 90th Annual Meeting.

164. Iyer, A.K., Miller, N.L.G., Mellon, P.L. (2008). Evolutionarily Conserved Regions of the Gonadotropin-Releasing Hormone Gene Enhance Neuronal Specification to Differentiated GnRH Neurons. The Endocrine Society, 90th Annual Meeting.
165. Lan, D., Lu, M., Mellon, P.L., Olefsky, J.M., Webster, N.J.G. (2008). Resveratrol Represses FSH β Gene Expression in L β T2 Cells. The Endocrine Society, 90th Annual Meeting.
166. Brayman, M.J., Berdy, S.E., Mellon, P.L. (2008). Androgen Receptor Represses GnRH Gene Transcription. The Endocrine Society, 90th Annual Meeting.
167. Latham, K.L., White, R.S., Goodall, C.P., Fitzgerald, K., Mellon, P.L., Chappell, P.E. (2008). Steroids Modulate Transcript and Protein Levels of Large-conductance Ca₂₊-activated Potassium (BK) Channels in GT1-7 Cells, Correlated with Changes in GnRH Secretion *In Vitro*. The Endocrine Society, 90th Annual Meeting.
168. Chappell, P.E., Latham, K.L., White, R.S., Goodall, C.P., Fitzgerald, K., Mellon, P.L. (2008). Steroids Modulate Transcript and Protein Levels of Large-conductance Ca₂₊-activated Potassium (BK) Channels in GT1-7 Cells, Correlated with Changes in GnRH Secretion *In Vitro*. 1st International World Congress on Reproductive Biology, Hawaii. *Biology of Reproduction* 78:307. 99a.
169. Mellon, P.L., Miller, N.L.G., Larder, R., Iyer, A.K., Givens, M.L., Rave-Harel, N. (2008). Journey to the Hypothalamus, Travels of the GnRH Neuron. International Symposium On Signal Transduction In Health And Disease (Stady V), Tel Aviv, Israel
170. Lan, D., Mellon, P.L., Olefsky, J.M., Webster, N.J.G. (2009). Resveratrol Represses FSH β Gene Expression in L β T2 Gonadotrope Cells. SCCPIR Research Meeting, Chicago, IL.
171. Corpuz, P.S., Mellon, P.L., Coss, D. (2009). Activin Induces FSH β Gene Expression through Multiple FoxL2 Binding Sites. SCCPIR Research Meeting, Washington, DC.
172. Brayman, M.J., Mellon, P.L. (2009). Role of Neuronal Progesterone Receptor in Fertility and Behavior. The Endocrine Society, 91st Annual Meeting.
173. Ely, H.A., Mellon, P.L., Coss, D. (2009). GnRH Induces c-Fos Gene Expression through Calcium/Calmodulin Kinase II Phosphorylation of SRF. The Endocrine Society, 91st Annual Meeting.
174. Corpuz, P.S., Mellon, P.L., Coss, D. (2009). FoxL2 Mediates Activin Induction of the FSH β Gene. The Endocrine Society, 91st Annual Meeting.
175. Breen, K.M., Thackray, V.G., Coss, D., Mellon, P.L. (2009). RUNX Regulation of Follicle-Stimulating Hormone Beta-Subunit Gene Expression in Pituitary Gonadotropes. The Endocrine Society, 91st Annual Meeting.
176. Larder, R., Mellon, P.L. (2009). The Homeodomain Protein Six6 Regulates Expression of Gonadotropin-Releasing Hormone (GnRH). The Endocrine Society, 91st Annual Meeting.
177. Iyer, A.K., Mellon, P.L. (2009). Histone Modifications Specify Gonadotropin-Releasing Hormone Gene Expression to Differentiated Hypothalamic Neurons. Mechanisms of Eukaryotic Transcription, Cold Spring Harbor Laboratory.
178. Breen, K.M., Mellon, P.L. (2010). Stress Levels of Glucocorticoids Inhibit LH-beta Subunit Gene Expression in Gonadotrope Cells. The Endocrine Society, 92nd Annual Meeting.
179. Ghochani, Y., Saini, J., Mellon, P.L., Thackray, V.G. (2010). Synergy Between Activin and Progesterone on the Follicle-Stimulating Hormone Beta Promoter Requires FoxL2. The Endocrine Society, 92nd Annual Meeting.
180. Brayman, M.J., Pepa, P.A., Mellon, P.L. (2010). Oct1 has a Role in Androgen Repression of GnRH Transcription. The Endocrine Society, 92nd Annual Meeting.

181. Breen, K.M. Mellon, P.L. (2010). LH-beta Subunit Gene Expression is Inhibited by Stress Levels of Glucocorticoids in Gonadotrope Cells. The 7th International Congress of Neuroendocrinology, Rouen, France.
182. Glidewell-Kenney, C., Grove, A.M.H., Iyer, A.K., Mellon, P.L. (2010). The Neurokinin 3 Receptor Agonist, Senktide, Reduces Gonadotropin-releasing Hormone Synthesis and Secretion in the Immortalized GT1-7 Hypothalamic Cell Model. The Society for Neuroscience Annual Meeting.
183. Iyer, A.K., Mellon, P.L. (2010). Specification of Gonadotropin-Releasing Hormone Gene Expression to Differentiated Hypothalamic Neurons is Regulated by Chromatin Structure and Histone Modifications. The Society for Neuroscience Annual Meeting.
184. Xie, H., Cherrington, B.D., Mellon, P.L. (2011). The Homeodomain Protein, Msx1, Represses the α GSU and GnRH Receptor Genes During Gonadotrope Differentiation. The Endocrine Society, 93rd Annual Meeting.
185. Witham, E.A., Meadows, J.D., Kauffman, A.S., Mellon, P.L. (2011). The Effects of Prenatal and Peripubertal Androgen Exposure on Female Puberty and Reproduction. The Endocrine Society, 93rd Annual Meeting.
186. Ahow, M., Sharma, N., Glidewell-Kenney, C., Pampillo, M., Fraser, D., Mellon, P.L., Babwah, A. (2011). Beta-Arrestin Mediates the Desensitization and Internalization of Kiss1R. The Endocrine Society, 93rd Annual Meeting.
187. Beneduzzi, D., Iyer, A.K., Trarbach, E.B., Silveira-Neto, A.P., Silveira, L.F.G., Tusset, C., Yip, K., de Mendonça, B.B., Mellon, P.L., Latronico, A.C. (2011). Mutational Analysis of the Necdin Gene in Patients with Congenital Isolated Hypogonadotropic Hypogonadism. The Endocrine Society, 93rd Annual Meeting.
188. Glidewell-Kenney, C., Shao, P., Mellon, P.L. (2012). Neurokinin B Represses Gonadotropin-Releasing Hormone Transcription by a Fos-Dependent Mechanism. The Endocrine Society, 94th Annual Meeting.
189. Xie, H., Iyer, A.K., Mellon, P.L. (2012). Epigenetic Regulation during Gonadotrope Maturation. The Endocrine Society, 94th Annual Meeting.
190. Hoffmann, H.M., Gong, P., Mellon, P.L. (2012). Involvement of cFos in Ventral Anterior Homeobox 1 Regulation of Gonadotropin-releasing Hormone Transcription in Maturing Gonadotropin-releasing Hormone Transcription in Gonadotropin-releasing Hormone Neurons. The Society for Neuroscience Annual Meeting.
191. Xie, H., Iyer, A.K., Ngo, C., Mellon, P.L. (2013). Epigenetic Modulation of Gene Expression in Developmentally Staged Gonadotrope Cell Lines. The Endocrine Society, 95th Annual Meeting.
192. Huang, P.P., Iyer, A.K., Mellon, P.L. (2013). An Enhancer-Derived Noncoding RNA in GnRH Gene Regulation. The Endocrine Society, 95th Annual Meeting.
193. Rickert, E.L., Olefsky, J.M., Webster, N.J., Mellon, P.L. (2013). The Role of Sirt1 in Reproduction. The Endocrine Society, 95th Annual Meeting.
194. Hoffman, H.M., Kimura, I., Tamrazian, A., Kauffman, A.S., Mellon, P.L. (2013). Vax1 is Required for migration of hypothalamic GnRH Neurons and Normal Reproductive Function in Mice. The Society for Neuroscience Annual Meeting.
195. Huang, P.P., Iyer, A.K., Mellon, P.L. (2013). Gonadotropin-releasing Hormone (GnRH) Gene Regulation via an Enhancer-derived Noncoding RNA in GT1-7 Cells. The Society for Neuroscience Annual Meeting.
196. Glidewell-Kenney, C.A., Shao, P.P., Mellon, P.L. (2013). Neurokinin B Induces c-Fos Transcription via Serum Response Factor (SRF) and Signal Transducer and Activator of

Transcription (STAT) in Gonadotropin-releasing Hormone Neurons. The Society for Neuroscience Annual Meeting.

197. Hoffmann, H.M., Tamrazian, A., Mellon P.L. (2014). *Vax1* Heterozygous Mice Exhibit Male and Female Subfertility: Central Versus Peripheral Origins. 16th International Congress of Endocrinology and The Endocrine Society, 96th Annual Meeting.
198. Schoeller, E.L., Clark, D.D., Mellon, P.L. (2014). The Role of Circadian Clock Protein, *BMAL1*, in the Behavioral and Neuroendocrine Control of Reproduction. 16th International Congress of Endocrinology and The Endocrine Society, 96th Annual Meeting.
199. Yip, K., Mellon, P.L., Breen, K.M. (2014). Investigation of chromatin dynamics of the mouse gonadotropin-releasing hormone (GnRH) promoter by dexamethasone. 16th International Congress of Endocrinology and The Endocrine Society, 96th Annual Meeting.
200. Ahow,* M., Min,* L., Pampillo, M., Nash, C., Wen, J., Soltis, K., Carroll, R.S., Glidewell-Kenney, C.A., Mellon, P.L., Bhattacharya, M., Tobet, S.A., Kaiser,[#] U.B., Babwah,[#] A.V. (2014). *KISS1R* signals independently of $G_{\alpha q/11}$ and triggers LH secretion via the β -arrestin pathway in the male mouse. International Congress of Neuroendocrinology 2014. *Co-first author; #Co-Senior author.
201. Hoffmann, H.M., Kimura, I., Gong, P., Trang, C., Kauffman, A.S., Mellon, P.L. (2015). Absence of *Vax1* in GnRH neurons abolishes GnRH expression and leads to hypogonadism: Investigating the role of the homeoproteins, *Vax1*, in GnRH neuron maturation. The Endocrine Society, 97th Annual Meeting.
202. Kauffman, A.S., Thackray, V.G., Ryan, G.E., Poling, M.C., Chahal, N., Skarra, D.V., Tolson, K.P., Seeman, S.J., Glidewell-Kenney, C.A., Duleba, A.J., Stener-Victorin, E., Shimasaki, S., Webster, N.J., Mellon, P.L. (2015). Letrozole, an Aromatase Inhibitor, Recapitulates Both the Reproductive and Metabolic Phenotypes of Polycystic Ovarian Syndrome in Female Mice. The Endocrine Society, 97th Annual Meeting.
203. Schoeller, E.L., Clark, D.D., Dey, S., Stowers, L., Mellon, P.L. (2015). The Role of the Circadian Clock Gene, *Bmal1*, in Male Copulatory Behavior. The Endocrine Society, 97th Annual Meeting.
204. Pandolfi, E.C., Hoffmann H.M., Meadows, J.D., Mellon, P.L. (2015). The Homeodomain Protein, *Six3* is Important in the Development of GnRH Neurons in Mice. The Endocrine Society, 97th Annual Meeting.
205. Huang, P.P., Brusman, L.E., Iyer, A.K., Brayman, M.J., Mellon, P.L. (2015). Expression and Function of Gonadotropin-releasing Hormone (GnRH) Enhancer-derived, Long Noncoding RNA in Immortalized Mouse Hypothalamic GnRH Neurons and the Mouse Hypothalamus. The Society for Neuroscience Annual Meeting.
206. Hoffmann, H.M., Meadows, J.D., Trang, C., Hereford, B., Bharti, K., Gorman, M.R., Mellon, P.L. (2016). Deletion of *SIX3* or *VAX1* in the SCN Impairs Circadian Rhythms and Fertility. The Endocrine Society, 98th Annual Meeting.
207. Ryan, G.E., Shojaei, S., Witham, E.A., Meadows, J.D., Thackray, V.G., and Mellon, P.L. (2016). Androgen Receptor Regulation of GnRH in Male Pituitary Gonadotropes. The Endocrine Society, 98th Annual Meeting.
208. Que, X., Yeang, C., Yamaguchi, F., Hung, M., Gonen, A., Prohaska, T., Wang, S., Bowden, K., Pattison, J., Mellon, P.L., Hedrick, C., Ley, K., Glass, C.K., Peterson, K.L., Binder, C., Tsimikas, S., and Witztum, J.L. (2016). Oxidized Phospholipids are Proinflammatory and Proatherogenic. Arteriosclerosis, Thrombosis and Vascular Biology Peripheral Vascular Disease Scientific Meeting.

209. Schoeller E.L., Clark D.D., Dey S., Stowers L., and Mellon P.L. (2016). The Role of BMAL1 in Behavioral Responses to Pheromonal Stimuli. Society for Research on Biological Rhythms.
210. Tonsfeldt, K.J., Schoeller, E.L., Clark, D.D., Mellon, P.L. (2016). The Effect of Bmal1 Deletion in Gonadotropin-Releasing Hormone or Kisspeptin Neurons. Society for Research on Biological Rhythms.
211. Pandolfi, E.C., Hoffmann, H.M., Schoeller, E.L., and Mellon, P.L. (2016). The Homeodomain Gene *Six3* Is important in GnRH Neuron Migration and Olfaction in Mice. Society for the Study of Reproduction, Annual Meeting.
212. Schoeller E.L., Clark D.D., Dey S., Stowers L., and Mellon P.L. (2016). The Role of the Circadian Protein, BMAL1, in Male Fertility. Society for the Study of Reproduction, Annual Meeting.
213. Tonsfeldt, K.J., Schoeller, E.L., Clark, D.D., Mellon, P.L. (2016). Effects of Circadian Disruption in Either Gonadotropin-Releasing Hormone or Kisspeptin Neurons. Society for the Study of Reproduction, Annual Meeting.
214. Pandolfi, E.C., Hoffmann, H.M., Schoeller, E.L., Mellon, P.L. (2016). Haploinsufficiency of the homeodomain protein *Six3* abolishes male reproductive behavior through disrupted olfactory epithelium development and impaired GnRH neuron migration. The Society for Neuroscience Annual Meeting.
215. Hoffmann, H.M., Trang, C., Hereford, B., Bharti, K., Gorman, M.R., Welsh, D.K., Mellon, P.L. (2016). Ventral Anterior Homeobox 1 is Required for Suprachiasmatic Nucleus Development as well as Circadian Output in Adulthood Allowing Female Fertility. The Society for Neuroscience Annual Meeting.
216. Newton, S.M., Sunshine, M.J., Mellon, P.L. (2016). The Effects of Mutations in FOXL2 on FSH β Transcription. The Society for Neuroscience Annual Meeting.
217. Tonsfeldt, K.J., Schoeller, E.L., Brusman, L.E., Mellon, P.L. (2017). Bmal1 Knockout Females have Altered Kisspeptin Responsiveness. The Endocrine Society, 99th Annual Meeting.
218. Ryan, G.E., Malik, S., Aguirre, A., Jain, M., Mellon, P.L. (2017). Antiandrogen Treatment Ameliorates Reproductive and Metabolic Phenotypes in the Letrozole-induced Mouse Model of Polycystic Ovary Syndrome. The Endocrine Society, 99th Annual Meeting.
219. Schoeller, E.L., Sinkovich, M.R., Mellon, P.L. (2017). Impaired Pheromone Production in Circadian Mutant Mice. Society for the Study of Reproduction, Annual Meeting.
220. Thackray, V.G., Bohaczuk, S., Mellon, P.L. (2017). Role of Single Nucleotide Polymorphisms in Follicle-Stimulating Hormone Synthesis and Fertility. Society for the Study of Reproduction, Annual Meeting.
221. Pandolfi, E.C., Hoffmann, H.M., Schoeller, E.L., Mellon, P.L., (2017). The Importance of *Six3* and *Six6* Homeodomain Genes in GnRH Neuron Development, Olfaction, and Fertility. Society for the Study of Reproduction, Annual Meeting.

PERSONNEL

SABBATICAL PROFESSORS

- Leonard J. Deftos, M.D., Chief of Endocrinology, Professor of Medicine, University of California, San Diego, School of Medicine, 1986
- Richard I. Weiner, Ph.D., Professor, Departments of Physiology and Obstetrics, Gynecology and Reproductive Sciences, University of California, San Francisco, School of Medicine, 1988
- Zvi Naor, Ph.D., Professor of Biochemistry, Tel Aviv University, Israel, 1995
- Denise Belsham, Ph.D., Professor of Physiology and Obstetrics and Gynecology, University of Toronto, and Research Scientist, Division of Reproductive Science and Cell and Molecular Biology, Toronto General Research Institute, Canada, 2008
- Bernardo Yusta, Ph.D., Associate Research Scientist, University of Toronto, Canada, 2008
- Ikuo Kimura, Ph.D. Assistant Professor, Department of Genomic Drug Discovery Science, Kyoto University Graduate School of Pharmaceutical Sciences, 2011-2012
The Kyoto University Foundation Long-term Fellowship, 2011-2012
Currently, Associate Professor, Department of Applied Biological Science, Graduate School of Agriculture, Tokyo University of Agriculture and Technology

MENTORED JUNIOR FACULTY

- Bernardo Yusta, Ph.D., Assistant Professor, Department of Bioquímica y Biología Molecular, Facultad de Medicina, Universidad Complutense, Madrid, Spain, 1994-1996
Currently, Associate Research Scientist, University of Toronto
- Donna D. Johnson, M.D., Assistant Professor, Fellow of the AAOGF, Department of Reproductive Medicine, University of California, San Diego, 1995-1996
Currently, Professor, Director of Maternal-Fetal Medicine, Medical University of South Carolina
- Paula Amato, M.D., Adjunct Associate Professor, Fellow of the AAOGF, Department of Reproductive Medicine, University of California, San Diego, 1997-2000
Currently Associate Professor, in the Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility, Oregon Health Sciences University, Portland
- Mark Lawson, Ph.D., Assistant Research Scientist, 1996-2000
Department of Reproductive Medicine, University of California, San Diego, DK R03 1996-1999
Currently, Professor, In Residence, Reproductive Medicine, UCSD
- Armando Arroyo, M.D. Assistant Adjunct Professor, 1999-2002
Department of Reproductive Medicine, University of California, San Diego, Women's Reproductive Health Research Career K12 Scholar, 1999-2002
Currently, Associate Professor, OB/GYN, University of Buffalo School of Medicine
- Naama Rave-Harel, Ph.D. Specialist, 2003-2004
Department of Reproductive Medicine, University of California, San Diego
Currently, Research Associate, Department of Biotechnology and Food Engineering, Technion-Israel Institute of Technology, Haifa, Israel
- Gordon Saxe, M.D., Ph.D., M.P.H., Assistant Adjunct Professor, 2004 (NCLAM Mentor)
Department of Family and Preventative Medicine, University of California, San Diego
Currently, Director of Research, UCSD Center for Integrative Medicine
- Kathy Pinson, Ph.D. Assistant Project Scientist, 2002-2005
Department of Reproductive Medicine, University of California, San Diego
- Patrick E. Chappell, Ph.D. Assistant Adjunct Professor, 2004-2005
Department of Reproductive Medicine, University of California, San Diego
Advisor and Mentor for NIH/NIDDK K01 Career Development Award, 2004-2005
K01 DK64919, "Circadian Clock Regulation of Pulsatile GnRH Secretion", 04/01/04-03/31/07
Currently, Assistant Professor, Department of Biomedical Sciences, College of Veterinary Medicine, Oregon State University

- Satish Eraly, M.D., Ph.D. Assistant Adjunct Professor, 2003-2008
Department of Medicine, University of California, San Diego
Co-Mentor for NIDDK K08 Career Development Award, 2003-2008
Principal Investigator, NIH R01 grant
Currently, Associate Medical Director, Biogen, Cambridge, Massachusetts
- Djurdjica Coss, Ph.D. Assistant Project Scientist, 2005-2009, and Assistant Professor, In Residence, 2009-2013
Department of Reproductive Medicine, University of California, San Diego
Principal Investigator, NIH/NICHD R03, R21, and R01 grants
Currently, Associate Professor, School of Medicine, University of California, Riverside
- Mana Parast, M.D., Ph.D. Assistant Professor, 2009 (NCLAM Mentor)
Department of Pathology, University of California, San Diego
Currently, Associate Professor, Department of Pathology
- Varykina G. Thackray, Ph.D. Assistant Adjunct Professor, 2008-2011 (K01 Mentor)
Department of Reproductive Medicine, University of California, San Diego
Young Investigator Award, Women in Endocrinology, 2009
The Endocrine Society's Early Investigators Award
NIH/NIDDK K01 Mentored Research Scientist Development Award, 2008-2011
K01 DK080467 09/01/08-08/30/11
"Integration of PR and FoxO Signaling in Pituitary Gonadotropes"
Currently, Associate Professor, In Residence, Reproductive Medicine, UCSD
Principal Investigator, NIH R01 grant
- Louise C. Laurent, M.D., Ph.D. Assistant Adjunct Professor, 2008-2012 (WRHR Mentor, Co-Mentor: J. Loring)
Department of Reproductive Medicine, University of California, San Diego
Women's Reproductive Health Research Program, WRHR K12, 2008-2012
Hartwell Foundation Award, 2009-2012
Currently, Associate Professor, Reproductive Medicine, UCSD
- Ying Liu, M.D., Ph.D. Assistant Project Scientist, 2010-2011 (Co-Mentor, Primary Mentor: L. Laurent)
Department of Reproductive Medicine, University of California, San Diego
Currently, Assistant Professor, University of Texas, Houston
- Irene H.-C. Su, M.D., Assistant Professor, In Residence, 2009-2014 (K23 Advisory Committee)
Department of Reproductive Medicine, University of California, San Diego
K23 HD058799; 09/30/09-7/31/14
"Predictors of Ovarian Failure After Chemotherapy in Young Breast Cancer Patients"
Currently, Associate Professor, Reproductive Medicine, UCSD
- Kellie M. Breen-Church, Ph.D. Assistant Adjunct Professor, 2013-present (Mentor K99)
Assistant Project Scientist, 2011-2013
Pathway to Independence K99/R00 Award from National Institutes of Health, 2010-2016
R00 HD060947 02/01/13-01/31/16; K99 HD060947 04/26/10-08/31/12
"The Role of the Gonadotrope in Stress-induced Reproductive Impairment"
Neena Schwartz Young Investigator award from Women in Endocrinology, 2015
Currently, Assistant Adjunct Professor, Reproductive Medicine, UCSD
- Matthew Panizzon, Ph.D., Assistant Professor in Psychiatry, 2016 (NCLAM Mentor)
- Eric D. Nudelman, M.D., Ph.D., Assistant Professor in Ophthalmology, 2017 (NCLAM Mentor)
- Hanne M. Hoffmann, Ph.D. Assistant Project Scientist, 2017-2018 (Mentor K99)
Ph.D. from Montpellier University II, France and Autonomous University of Barcelona, Spain
Neena Schwartz Young Investigator award from Women in Endocrinology, 2016
The Endocrine Society's Early Investigators Award, 2016
Pathway to Independence K99/R00 Award from National Institutes of Health, 2016-2018

K99 HD084759, 4/1/16-3/31/18, "The Role of the Homeoprotein Vax1 in Fertility and Circadian Rhythm"

POSTDOCTORAL FELLOWS

Angelo Delegeane, Ph.D., 1984-1988

Ph.D. from University of Southern California

National Institutes of Health NRSA Postdoctoral Fellow, 1985-1988, F32 HD06806

Currently, Senior Scientist, InCyte Pharmaceuticals, California

Louis Ferland, Ph.D., 1986-1989

Ph.D. from University of Montreal

Canadian Medical Research Council Postdoctoral Fellow, 1986-1989

Currently, Director, Clinical Research Services at ResearchDx, Orange County, California

Jolene Windle, Ph.D., 1986-1990

Ph.D. from Johns Hopkins University

American Cancer Society Postdoctoral Fellow, 1986-1989

California American Cancer Society Senior Postdoctoral Fellow, 1989-1990

Currently, Professor, Massey Cancer Center, Virginia Commonwealth University

Friedemann Horn, Ph.D., 1988-1990

Ph.D. from German Cancer Center, Heidelberg

Deutsche Forschungsgemeinschaft Fellow, 1988-1990

Currently, Professor, Group Leader, University of Leipzig, Head, Department of Diagnostics, Fraunhofer Institute for Cell Therapy and Immunology, Leipzig, Germany

Joachim Altschmied, Ph.D., 1988-1991

Ph.D. from Max Planck Institute

Deutscher Akademischer Austauschdienst Fellow, 1988-1991

Currently, Group Leader, Department of Molecular Cell & Aging Research, Institut für Umweltmedizinische Forschung at the University of Duesseldorf gGmbH

Marita Büscher, Ph.D., 1988-1992

Ph.D. from Nuclear Research Center, Karlsruhe

Deutsche Forschungsgemeinschaft Fellow, 1989-1991

Human Frontiers Science Program Fellowship, 1991-1992

Currently, Scientist, Medical Research Council Centre for Developmental Neurobiology, King's College London

David B. Whyte, Ph.D., 1988-1992

Ph.D. from University of California, San Francisco

National Institutes of Health NRSA Postdoctoral Fellow, 1988-1992, F32 HD07299

Founder, Argus Biosciences, Belmont, CA

Currently, Executive VP, Global Development at Amoy Diagnostics

Denise Lew, Ph.D., 1988-1992

Ph.D. from University of Illinois, Urbana

National Institutes of Health NRSA Postdoctoral Fellow, 1988-1992, F32 HD07224

Currently, Analyst, UCSD Technology Transfer Office

Claudia Stauber, Ph.D., 1989-1992

Ph.D. from Institute for Molecular Biology, Universität Zürich

Swiss National Science Foundation Fellow, 1989-1992

Currently, Scientist, Centro de Biologia Molecular, Spain

Kerry M. Barnhart, Ph.D., 1990-1994

Ph.D. from Sloan-Kettering Institute and Cornell University,

National Institutes of Health NRSA Postdoctoral Fellow, 1990-1993, F32 HD07475

Cancer Research Coordinating Committee Postdoctoral Fellow, 1993-1994

Currently, Senior Vice-President, Development, CerRx, Inc., Phoenix, Arizona

Mark A. Lawson, Ph.D., 1991-1996

Ph.D. from University of California, Irvine
Salk Institute Minority Postdoctoral Fellow, 1991
Ford Foundation Minority Postdoctoral Fellow, 1992-1993
UC President's Fellowship, 1992-1994
National Institutes of Health Minority Supplement, 1994-1996
Currently, Professor, UCSD, Reproductive Medicine

Elaine T. Alarid, Ph.D., 1992-1995

Ph.D. from University of California, Berkeley
Ford Foundation Minority Postdoctoral Fellow, 1992-1993
UC President's Fellowship, 1992-1994
National Institutes of Health Postdoctoral Fellow, 1994-1995, F32 DK09145
Currently, Professor, Department of Human Oncology, McArdle labs for Cancer Research,
University of Wisconsin, Madison

Denise D. Belsham, Ph.D., 1992-1996

Ph.D. from University of Manitoba, Canada
Medical Research Council of Canada Postdoctoral Fellowship, 1992-1995
Currently, Associate Chair and Professor, Department of Physiology, University of Toronto,
Canada

Melody Clark, Ph.D., 1992-1998

Ph.D. from University of California, Los Angeles
National Institutes of Health NRSA Postdoctoral Fellow, 1992-1993, F32 NS09280
American Cancer Society Postdoctoral Fellow, 1993-1996
Principal Investigator of NARSAD Grant, 1996-1998
Currently, Senior Patent Agent, Arena Pharmaceuticals, San Diego

Cynthia LiCalsi, Ph.D., 1992-1997

Ph.D. from Johns Hopkins University, Baltimore
American Heart Association Postdoctoral Fellow, 1994-1996
Training in Reproductive Sciences Training Grant, 1996-1997
Currently, Project Analyst, Epimmune, Inc., San Diego, CA

Ronald Sosnowski, Ph.D., 1993-1994

Ph.D. from Johns Hopkins University, Baltimore
Postdoctoral fellow of The Center for Population Research, 1993-1994
Currently, Vice President Research & Development, Adavance, Inc., San Diego

Karen F. Kartun, M.D., 1993-1996

M.D. from University of Chicago, Intern and Resident UCSF
Experimental Endocrinology and Metabolism Training Grant, 1994-1995
Lalor Foundation Fellowship, 1995-1996
Currently, Assistant Clinical Professor, Syracuse University, New York

Snunit Ben-Ozer, M.D., 1994-1996

M.D. from University of Michigan
Training in Reproductive Sciences Training Grant, 1994-1996
Reproductive Endocrinologist, IVF Specialist, The Tree of Life Center, Beverly Hills, California
Currently, Assistant Clinical Professor, UCLA

Adrienne N. Harris, Ph.D., 1994-1997

Ph.D. from University of California, San Diego
Training in Cardiovascular Molecular and Cellular Biology, 1994-1995
National Institutes of Health Postdoctoral Fellow, 1995-1997, F32 DK09468
Currently, Project Manager, CancerVax, Carlsbad, CA.

Sylvie Christophe, Ph.D. 1996-1999

Ph.D. from Pierre et Marie Curie University

Fellowship from Association Pour La Recherche sur le Cancer, 1996-1997

Currently, Project Manager, Cato Research Ltd., San Diego, CA

Flavia Pernasetti, Ph.D. 1996-2001

Ph.D. from University of Liege, Belgium

American Heart Association Fellowship, 1998-2000

Lalor Foundation Fellowship, 2000-2001

Currently, Principle Scientist, Cancer Biology, Pfizer Global R&D, San Diego

Sandra Holley, Ph.D. 1996-2001

Ph.D. from University of California, San Francisco

National Institutes of Health NRSA Postdoctoral Fellow, 1996, F32 DK09439

American Cancer Society Fellowship, 1996-1999

Training in Reproductive Sciences Training Grant, 1999-2000

National Institutes of Health, Loan Repayment Program, 1999-2001

Jennifer Taylor, Ph.D. 1997-1998

Ph.D. from University of Pennsylvania, Philadelphia

Experimental Endocrinology and Metabolism Training Grant, 1997-1998

Currently, Head of Oncology Research Operations, Novartis

Naama Rave-Harel, Ph.D. 1997-2004

Ph.D. from Hebrew University of Jerusalem

Lalor Foundation Fellowship, 1998-2000

“The role of Oct-1 in the neuron-specific activation of the GnRH gene”

Currently, Research Associate, Technion-Israel Institute of Technology

Armando Arroyo, M.D., 1998-1999

M.D. from University of California, Los Angeles

Training in Reproductive Sciences Training Grant, 1997-1999

Young Investigator Award, Women in Endocrinology, 2000

Currently, Associate Professor OB/GYN, University of Buffalo School of Medicine

Bridgette Kirkpatrick, Ph.D. 1998-2001

Ph.D. from University of Arizona

Training in Reproductive Sciences Training Grant, 1998-1999

National Institutes of Health NRSA Postdoctoral Fellow, 2000-2001, F32 HD08560

Currently, Professor of Biotechnology, Collin County Community College, TX

Thomas J. Spady, Ph.D. 1999-2002

Ph.D. from University of Nebraska Medical Center

Training in Endocrinology and Metabolism NIH Training Grant, 1999-2000

National Institutes of Health NRSA Postdoctoral Fellow, 2000-2002, F32 HD08686

Currently, Assistant Professor of Biology at California State University, San Marcos

Patrick E. Chappell, Ph.D. 1999-2004

Ph.D. from Northwestern University, Evanston

Training in Reproductive Sciences NIH Training Grant, 1999-2000

National Institutes of Health NRSA Postdoctoral Fellow, 2000-2002, F32 DK10100

Currently, Assistant Professor, Department of Biomedical, College of Veterinary Medicine, Oregon State University

Djurdjica Coss, Ph.D. 2000-2005

Ph.D. from University of California, Riverside

Experimental Endocrinology and Metabolism NIH Training Grant, T32 DK007044, 2000-2001

Young Investigator Award, Women in Endocrinology, 2004

National Institutes of Health NRSA Postdoctoral Fellow, 2001-2003, F32 DK41301

“Regulation of Gonadotropins Expression by GnRH Pulses”

Lalor Foundation Fellowship, 2003-2004

Currently, Associate Professor, School of Medicine, University of California, Riverside

Qingbo Tang, Ph.D. 2001-2005

Ph.D. from University of Arizona, Tucson

Experimental Endocrinology and Metabolism NIH Training Grant, T32 DK007044, 2001-2002

National Institutes of Health NRSA Postdoctoral Fellow, 2002-2005, F32 DK62636

“Otx2 in GnRH Neuron Gene Expression and Development”

Currently, Research Scientist II, Arena Pharmaceuticals, San Diego

Reiko Kurotani, Ph.D. 2002-2003

Ph.D. from University of Tokai, Japan

Lalor Foundation Fellowship, 2002-2003

“Developmental Progression in the GnRH Neuron”

Currently, Associate Professor, Graduate School of Science and Engineering, Yamagata University, Yonezawa, Japan

Janice Susan Bailey, Ph.D. 2002-2004

Ph.D. from University of California, San Diego

Faculty Fellow; Division of Biology, Section in Biochemistry and Molecular Biology, 2002-2004

Currently, Faculty, Biological Sciences, Mira Costa College, Oceanside, California

Varykina G. Thackray, Ph.D. 2002-2008

Ph.D. from University of Colorado Health Sciences Center

Training in Reproductive Sciences NIH Training Grant, 2002-2003

National Institutes of Health NRSA Postdoctoral Fellow, 2003-2006, F32 DK065437

“The Role of Smads and AR in FSHbeta Gene Expression”

Currently, Associate Professor, Dept. Reproductive Medicine, UCSD

Principal Investigator of NICHD K01 and R01 grants

Robert K. Dearth, Ph.D. 2003-2004

Ph.D. from Texas A&M

Training in Reproductive Sciences NIH Training Grant, 2003-2004

Currently, Assistant Professor, Department of Biology, University of Texas Pan American

Ravid Sasson, Ph.D. 2003-2006

Ph.D. from Weizmann Institute, Israel

Young Investigator Award, Women in Endocrinology, 2006

Currently, Principal Clinical Research Associate, Phillips Volcano, San Diego

Rachel Larder, Ph.D. 2005-2010

Ph.D. from Medical Research Council, Edinburgh

Young Investigator Award, Women in Endocrinology, 2007

Currently, Senior Postdoctoral Associate, Institute of Metabolic Science, University of Cambridge, United Kingdom

Brian Cherrington, Ph.D. 2006-2007

Ph.D. from Colorado State University

Training in Reproductive Sciences NIH Training Grant, 2006-2007

Currently, Assistant Professor, University of Wyoming

Melissa J. Brayman, Ph.D., M.B.A., J.D. 2006-2012

Ph.D. and M.B.A. from University of Delaware

Training in Reproductive Sciences NIH Training Grant, 2006-2007

National Institutes of Health, Loan Repayment Program, 2007-2009

Young Investigator Award, Women in Endocrinology, 2005, 2009

National Institutes of Health NRSA Postdoctoral Fellow, 2009-2011, F32 HD058460

“The Role of Progesterone in Hypothalamic GnRH Secretion”

Currently, Lawyer, Foley and Lardner, LLC, San Diego; Law school graduate, Univ. San Diego

Louise Laurent, M.D., Ph.D. 2007-2008

M.D. and Ph.D. from University of California, San Francisco

Reproductive Scientist Development Program Grant, 2007-2008

Currently, Associate Professor, Dept. Reproductive Medicine, UCSD

Kellie M. Breen-Church, Ph.D. 2007-2011

Ph.D. from University of Michigan

National Institutes of Health NRSA Postdoctoral Fellow, 2007-2009, F32 HD051360

“Reproductive Suppression by Cortisol at the Pituitary Gland”

Pathway to Independence K99/R00 Award from National Institutes of Health, 2010-2012

K99/R00 HD060947, 04/26/10-08/31/12

“The Role of the Gonadotrope in Stress-induced Reproductive Impairment”

Currently, Assistant Professor, Dept. Reproductive Medicine, UCSD

Anita K. Iyer, Ph.D. 2007-2011

Ph.D. from University of California, Los Angeles

Training Program in Diabetes Research NIH Training Grant, 2007-2008

Young Investigator Award, Women in Endocrinology, 2008

National Institutes of Health NRSA Postdoctoral Fellow, 2008-2010, F32 HD058427

“The Role of Progesterone in Hypothalamic GnRH Secretion”

Currently, Senior Scientist, Illumina Inc. San Diego

Christine A. Glidewell-Kenney, Ph.D. 2008-2013

Ph.D. from Northwestern University

Training in Reproductive Sciences NIH Training Grant, 2008-2009, 2013

Hartwell Foundation Postdoctoral Fellowship, 2010-2012

Young Investigator Award, Women in Endocrinology, 2012

Experimental Endocrinology and Metabolism NIH Training Grant, T32 DK007044, 2012-2013

Currently, Scientist at Illumina, Inc. San Diego

Sheila J. Semaan, Ph.D. 2010-2013 (Co-Mentor, Primary Mentor: Alexander Kauffman)

Ph.D. from University of Wisconsin, Madison

Training in Reproductive Sciences NIH Training Grant, 2009-2010

National Institutes of Health NRSA Postdoctoral Fellow, 2010-2012, F32 HD066849

“Sexual Differentiation and Development of Reproductive Neural Circuits”

Currently, Product Manager, Biosearch Technologies, Inc. Petaluma, California

Changchuan Xie, Ph.D. 2013 (Co-Mentor, Primary Mentor: Djurdjica Coss)

Ph.D. from Xiamen University, China

Currently, Engineer, Analysis and Testing Center, School of Life Sciences, Xiamen University

Huimin Xie, Ph.D. 2009-2015

Ph.D. from University of Illinois at Chicago

Experimental Endocrinology and Metabolism NIH Training Grant, T32 DK007044, 2010-2011

National Institutes of Health NRSA Postdoctoral Fellow, 2011-2013, F32 HD070579

“Homeodomain Repressor Msx1 in Gonadotrope Differentiation”

Currently, Scientist, Life Technologies/Thermo Fisher, San Diego

Kristen P. Tolson, Ph.D. 2014-2016 (Co-Mentor, Primary Mentor: Alexander Kauffman)

Ph.D. from University of Texas Southwestern Medical Center

Training in Reproductive Sciences NIH Training Grant, 2009-2010

National Institutes of Health NRSA Postdoctoral Fellow, 2014-2016, F32 HD076606

“The Effects of Deficient Kisspeptin Signaling on Body Weight and Metabolism”

Hanne M. Hoffmann, Ph.D. 2011-2017

Ph.D. from Montpellier University II, France and Autonomous University of Barcelona, Spain

Neena Schwartz Young Investigator award from Women in Endocrinology, 2016

The Endocrine Society’s Early Investigators Award, 2016

Pathway to Independence K99/R00 Award from National Institutes of Health, 2016-2018

K99 HD084759, 4/1/16-3/31/18, “The Role of the Homeoprotein Vax1 in Fertility and Circadian Rhythm”

Current

- Erica L. Schoeller, Ph.D. 2013-present
Ph.D. from Washington University, St. Louis Training in Reproductive Sciences NIH Training Grant, 2013-2014
Lalor Foundation Fellowship, 2014-2016
“The Role of Circadian Clock Protein Bmal1 in Neuroendocrine and Behavioral Control of Reproduction”
Young Investigator Award, Women in Endocrinology, 2015
Society for Research on Biological Rhythms (SRBR) Merit Award 2016
Experimental Endocrinology and Metabolism, T32 DK007044, 2016-2017
Superfund P42 Training Program, 2017-2018
- Shannon Stephens, Ph.D. 2016-2018 (Co-Mentor, Primary Mentor: Alexander Kauffman)
Ph.D. from Emory University
Training in Reproductive Sciences NIH Training Grant, 2013-2014
National Institutes of Health NRSA Postdoctoral Fellow, 2016-2018, F32 HD088060
“Function and Molecular Phenotyping of Amygdala Kisspeptin Neurons”
Young Investigator Award, Women in Endocrinology, 2016
The Endocrine Society’s Early Investigators Award, 2017
Pathway to Independence K99/R00 Award from National Institutes of Health, 2017-2019
- Karen Tonsfeld, Ph.D. 2015-present
Ph.D. from Oregon Health Sciences University
Training in Reproductive Sciences NIH Training Grant, 2015-2016
Society for Research on Biological Rhythms (SRBR) Merit Award 2016
National Institutes of Health NRSA Postdoctoral Fellow, 2017-2019, F32HD090837
“Regulation of the Preovulatory Surge by the Suprachiasmatic Nucleus”
- Lauren E. Chun, Ph.D., arriving 2018
Ph.D. from University of Colorado, Boulder
- Jessica Cassin, Ph.D. arriving 2018
Ph.D. from Johns Hopkins University School of Medicine
Training in Reproductive Sciences NIH Training Grant, 2018-2019
IRACDA Training Program, 2019-2021

Ph.D. GRADUATE STUDENTS

- Ingrid E. Akerblom, 1984-1989, Ph.D. in Biology Graduate Program
Dissertation: "Negative Regulation of the Human Glycoprotein α -Subunit Gene by Steroid Hormones"
Postdoctoral Fellow, Fox-Chase Cancer Center, Philadelphia
Currently, Executive Director, Clinical Development, Portfolio Planning and Compliance Information Technology, Amgen Inc., Thousand Oaks, California
- David J. Steger, 1988-1993, Ph.D. in the Graduate Program in Neuroscience
Dissertation: "Regulation of the Chorionic Gonadotropin Genes in Placenta"
Currently, Research Assistant Professor of Medicine, University of Pennsylvania, Philadelphia
- Satish A. Eraly, 1990-1995, Ph.D. degree in the Graduate Program in Neurosciences
M.D.-Ph.D. (MSTP) Program, School of Medicine
Dissertation: "Transcriptional Regulation of GnRH by Protein Kinase C in GT1 Hypothalamic Neurons"
Associate Professor, UC San Diego
Currently, Associate Medical Director, Biogen, Cambridge, Massachusetts
- Jonathan H. Hecht, 1991-1993, Department of Biology Graduate Program
March of Dimes Graduate Fellowship 1992-1993
Graduate of M.D.-Ph.D. (MSTP) Program, UCSD School of Medicine

Currently, Pediatric Neurologist, Lucille Packard Children's Hospital, Stanford University Medical School

Yuka Kimura, 1993-1996, Graduate Program in Neurosciences

Currently, Staff Researcher, Dept. Molecular Genetics, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

Shelley B. Nelson, 1995-1999, Ph.D. degree in the Biomedical Sciences Graduate Program

Trainee of NIH Molecular Endocrinology Training Grant, 1997-1998

Trainee of NIH Neuroplasticity of Aging Training Grant, 1998-1999

Dissertation: "Neuron-specific Regulation of the Gonadotropin-releasing Hormone Gene"

Currently, Senior Scientist, BetaLogics of LifeScan, Johnson & Johnson, Inc.

Carolyn G. Kelley, 1996-2000, Ph.D. in the Biology Graduate Program, Markey Fellow

Howard Hughes Predoctoral Fellowship, NSF Predoctoral Fellowship

Dissertation: "Neuron-Specific Transcriptional Activators Directing Expression of the Gonadotropin-releasing Hormone Gene"

Vyacheslav V. Vasilyev, 1996-2001, Ph.D. Degree in the Graduate Program in Neurosciences, Markey Fellow

Trainee of NIH Molecular Endocrinology Training Grant, 1997-1999

Dissertation: "Regulation of Gonadotropin Genes by Gonadotropin-Releasing Hormone in Immortalized Pituitary Gonadotrope Cell Lines"

Graduate of Case Western Reserve University School of Law

Currently, Intellectual Property Patent Lawyer, Pfizer, Inc.

Janice Susan Bailey, 1997-2002, Ph.D. in the Biomedical Sciences Graduate Program

Markey Fellowship

Trainee of NIH Training Program in Genetics, 1998-2001

National Institutes of Health, Loan Repayment Program, 2000-2002

Dissertation: "Developmental and Activin-mediated Regulation of Gonadotrope Gene Expression"

Currently, Full-Time Faculty, Biological Sciences, Mira Costa College, Oceanside, California

Suzanne B. Rosenberg Jacobs, 1998-2002, Ph.D. in the Biomedical Sciences Graduate Program

Trainee of NIH Molecular Endocrinology Training Grant, 2000-2001

Young Investigator Award, Women in Endocrinology, 2000

Dissertation: "Cell-Specific Transcriptional Regulation of the Gonadotropin β -Subunit Genes"

Currently, Group Leader, The Broad Institute, Harvard Medical School

Marjory L. Givens, 2000-2004, Ph.D. in the Biomedical Sciences Graduate Program

Trainee of NIH Training in Neuroscience Related to Drug Abuse Grant, 2001-2004

Dissertation: "Molecular Mechanisms Promoting Neuron-Restricted Expression of the Gonadotropin-Releasing Hormone Gene"

MPH in Environmental/Occupational Health and Epidemiology, Rollins School of Public Health, Emory University

Currently, Associate Scientist with the Robert Wood Johnson Foundation-funded *County Health Rankings & Roadmaps* program at the University of Wisconsin Population Health Institute

Shauna M. McGillivray, 2001-2006, Ph.D. in the Biomedical Sciences Graduate Program

Trainee of NIH Molecular Endocrinology Training Grant, 2001-2005

National Institutes of Health, Loan Repayment Program, 2002-2004

The Neena Schwartz Award for Excellence in Basic Science, Women in Endocrinology, 2005

Dissertation: "Regulation of Gonadotrope Gene Expression"

Currently, Associate Professor of Biology, Texas Christian University

Nichol L. Goodman Miller, 2002-2008, Ph.D. in the Biomedical Sciences Graduate Program

Trainee of NIH Neuroplasticity of Aging Training Grant, 2002-2003

Trainee of NIH Training Program in Genetics, 2003-2005

National Institutes of Health, Loan Repayment Program, 2003-2005
Dissertation: "Transcriptional Control of the Gonadotropin-Releasing Hormone Gene in Development"

Currently, Senior Scientist, Pfizer, Inc. La Jolla

Daniel D. Clark, 2006-2011, Biology Graduate Program

Trainee of NIH Training Program in Genetics, 2007-2009

Trainee of NIH Molecular Endocrinology Training Grant, 2009-2011

Dissertation: "Control of Circadian and Reproductive Behavior and Physiology"

Currently, Adjunct Professor, Palomar College and Associate Faculty, Mira Costa College

Emily A. Witham, 2008-2012, Biomedical Sciences Program

Trainee of NIH Training Program in Genetics, 2009-2011

Trainee of NIH Training in Neuroscience Related to Drug Abuse Grant, 2011-2012

Superfund P42 Training Program, 2012

Young Investigator Award, Women in Endocrinology, 2011

Dissertation: "Androgen Receptor and Kisspeptin Receptor: Roles in Reproduction"

Currently, Scientist, Astellas Pharma US, Inc., La Jolla

Polly P. Huang, 2011-2016, Biomedical Sciences Program

Trainee of NIH Molecular Endocrinology Training Grant, 2011-2015

Dissertation: "A Novel Gonadotropin-Releasing Hormone 1 (*Gnrh1*) Enhancer-Derived Noncoding RNA in the Regulation of *Gnrh1* Gene Expression"

Currently, Product Development Manager, Katherine Cosmetics, Inc., Rancho Santa Fe, California

Current

Genevieve E. Ryan, 2013-present, Biomedical Sciences Program

Superfund P42 Training Program, 2013-2017

Trainee of NIH Training Program in Genetics, 2014-2016

Erica C. Pandolfi, 2014-present, Biomedical Sciences Program

Initiative for Maximizing Student Diversity (IMSD) Training Program, 2013-2014

NICHHD Supplement for Diversity, 2014-2016

National Institutes of Health NRSA Predoctoral Fellowship, 2017-2018, F31 HD089652

"Homeodomain Proteins Six3 and Six6 in GnRH Neuron Development in Mice"

Shanna M. Newton, 2015-present, Biomedical Sciences Program

Superfund P42 Training Program, 2015-2017

Trainee of NIH Training Program in Genetics, 2016-2018

Stephanie Bohaczuk, 2016-present, Neurosciences Graduate Program

Trainee of NIH Training Program in Neuroscience, 2015-2017

MASTERS DEGREE STUDENTS

Dahna S. Pasternak, 1990-1991, M.S. in the Graduate Program in Neurosciences

Graduate Program in Neurosciences

Graduate of U.C. Berkeley Boalt Hall, School of Law

Patent Attorney, Pasternak Patent Law, LLP, Palo Alto

Karen Huang, 1994-1995, M.S. in the Graduate Program in Neurosciences

Markey Foundation Fellowship, 1993-1995

Physician, Graduate of UC Irvine School of Medicine, Intern and Resident

Hao Duong, 1999-2000, B.S./M.S. Program in Chemistry and Biochemistry

Dissertation: "Interaction of Homeodomain Proteins on the GnRH Regulatory Region."

Graduated with Ph.D. from Dept. of Chemistry and Biochemistry, UCLA

Currently, Postdoctoral Fellow at Harvard Medical School in the Department of Neurobiology

Tina Marie Mullen, 1999-2000, M.S. Molecular Pathology Graduate Program

Currently, Senior Research Assistant, Department of Immunology and Microbial Science,
Scripps Research Institute

Roshanak Ramezani, 2002-2004, B.S./M.S. Program in Biological Sciences

Endocrine Society Student Summer Research Fellowship, 2003

Dissertation: "The Role of Homeodomain Proteins in Gonadotropin-Releasing Hormone
Receptor Gene Expression."

Graduate of UCSD Medical School

Combined Family Medicine/Psychiatry Residency Program, UC Davis

Psychiatry Residency, Los Angeles County-Harbor-UCLA Medical Center

Currently, Psychiatrist, SUNY Downstate Medical Center, Brooklyn, New York

Brian Kirkwood, 2003-2005, B.S./M.S. Program in Biological Sciences

Dissertation: "Regulation of the Mouse GnRH Receptor by LIM-Homeodomain Transcription
Factors."

Currently, Dentist, Graduate of Dentistry School, University of Maryland

Jennifer L. Hunnicutt, 2003-2006, B.S./M.S. Program in Biological Sciences

Dr. Doris A. Howell Undergraduate Research Scholarship, 2003-2004

Endocrine Society Student Summer Research Fellowship, 2004

Dissertation: "Novel Cis-regulatory Regions in the LH β Promoter involved in Progesterone
Suppression of Basal Transcription and GnRH Induction"

Graduate of the Ohio State University, School of Medicine

Currently, Emergency Medicine Physician, Columbus, Ohio

Sang Luu, 2004-2006, B.S./M.S. Program in Biological Sciences

Endocrine Society Student Summer Research Fellowship, 2005

Dissertation: "Regulation of Alpha-Glycoprotein Hormone Subunit by Glucocorticoids and
Gonadotropin-Releasing Hormone"

Masters in Public Health Student, UCLA

Currently, Pharmacist, graduate of School of Pharmacy, UCSD

Alejandro L. Diaz, 2004-2007, Biomedical Sciences Graduate Program

M.D.-M.S. (MSTP) Program, School of Medicine

Minority Supplement for Graduate Training, NICHD/NIH, 2005-2007

Obtained Medical Degree, UCSD School of Medicine

Pediatrics Resident, UCLA

Currently, Pediatrician, San Diego, California

Sara E. Berdy, 2004-2007, Biomedical Sciences Graduate Program

Trainee of the NIH Training in Neuroscience Related to Drug Abuse, 2005-2006

Trainee of the NIEHS Superfund Grant, 2006-2007

Graduate of San Francisco State School of Nursing, Nurse Practitioner

Currently, Staff Nurse, OB Clinic at Lucile Packard Children's Hospital, Stanford Health

Heather Ely, 2008-2009, B.S./M.S. Program in Biological Sciences

Endocrine Society Student Summer Research Fellowship, 2008

Dissertation: "A Mechanism for Gonadotropin-Releasing Hormone Induction of c-Fos Gene
Expression in Pituitary Gonadotrope Cells"

Currently, Research Associate, Ignyta, Inc., San Diego

Patrick Corpuz, 2008-2009, B.S./M.S. Program in Biological Sciences

Dissertation: "Forkhead Protein, FoxL2, In Activin Regulation of FSH Gene Expression"

Currently, Medical Student, University of Wisconsin, Madison, School of Medicine

Yasmin Ghochani, 2008-2009, B.S./M.S. Program in Biological Sciences

Dissertation: "Hormonal Interactions in Progesterone Regulation of Gonadotropin Gene
Expression"

Currently, Ph.D. Student, University of California, Los Angeles

- Patricia A. Pepa, 2009-2010, B.S./M.S. Program in Biological Sciences
Dissertation: "Repression of Gonadotropin-Releasing Hormone Gene Expression by Androgen Receptor"
Currently, Pharmacy Student, School of Pharmacy, UCSF
- Lara T. Kose, 2010-2011, B.S./M.S. Program in Biological Sciences
Dissertation: "Studies of the Mouse *Kiss1r* Promoter and its Regulation by Estrogen"
Currently, Medical Student, Drexel University College of Medicine
- Arpi Hambarchyan, 2010-2011, B.S./M.S. Program in Biological Sciences (co-mentor, D. Coss)
Dissertation: "Hormonal Regulation of FSH Beta-Subunit Gene Expression"
Currently, DO Student, Western School of Osteopathic Medicine, Pomona CA
- Lacey L. Lindaman (Roybal), 2010-2011, B.S./M.S. Program in Biological Sciences (co-mentor, D. Coss)
Dissertation: "Gonadotropin-Releasing Hormone Induction of c-Jun Gene Expression by Phosphorylation of ATF-2"
Currently, DO Student, Midwestern University, School of Osteopathic Medicine, Glendale, AZ
- Paul P. Shao, 2011-2012, B.S./M.S. Program in Biological Sciences
Dissertation: "The Functional Significance of Neurokinin 3 Receptor Signaling in Gonadotropin-Releasing Hormone Neurons"
Currently, Medical Student, UCLA Medical School, Los Angeles
- Cindy Ngo, 2012-2013, B.S./M.S. Program in Biological Sciences
Dissertation: "The Use of Biotinylated BLRP-Tagged Proteins for Genome-Wide Location Analysis"
- Chiara Maruggi, 2012-2013, B.S./M.S. Program in Biological Sciences
Dissertation: "The Role of the Homeodomain Protein Six6 in Pituitary Gonadotrope Gene Expression"
Currently, Medical Student, University of California, Riverside, School of Medicine
- Shadi Shojaei, 2012-2013, B.S./M.S. Program in Biological Sciences
Dissertation: "Androgen Receptor's Role in GnRH Receptor Gene Regulation and Mouse Fertility"
Currently, Masters in Medicine Program, Georgetown University School of Medicine
- Anika Tamrazian, 2012-2014, B.S./M.S. Program in Biological Sciences
Dissertation: "Ventral Anterior Homeodomain Protein Regulates Gonadotropin-Releasing Hormone and Fertility"
Currently, Optometry Student, College of Optometry, State University of New York
- Crystal Trang, 2015-2016, B.S./M.S. Program in Biological Sciences
Endocrine Society Student Summer Research Fellowship, 2015
Endocrine Society Summer Research Fellowship Excellence in Research Award, 2016
Dissertation: "The Transcription Factor VAX1 is Required for Normal Development and Function of GnRH Neurons and the SCN"
Currently, Pharmacy Student, Touro College of Pharmacy, Vallejo, California
- Liza E. Brusman, 2016-2017, B.S./M.S. Program in Biological Sciences
Dissertation: "Estrogen Signaling and Circadian Rhythms Regulate the Kisspeptin Promoter"
- Lauren Sitts, 2016-2017, B.S./M.S. Program in Biological Sciences
Dissertation: "The Effect of Homeodomain Genes *Six3* and *Six6* on GnRH Neuronal Migration and Apoptosis."

Current

- Jessica Sora Lee, 2017- present, B.S./M.S. Program in Biological Sciences
- Joseph A. Breuer, 2017- present, B.S./M.S. Program in Biological Sciences
Frontiers of Innovation Scholars Program Award, 2017
- Shaddy Malik, 2017-present, B.S./M.S. Program in Biological Sciences
- McKenna R. Sinkovich, 2017-present, B.S./M.S. Program in Biological Sciences

Frontiers of Innovation Scholars Program Award, 2017

STAFF RESEARCH ASSOCIATES

Mary Kirven, M.A.	1985-1988	
Jesse Marron Logan, B.A.	1988-1991	
Michelle Beldin Paulus, M.S.	1991-1999	(also UCSD Transgenic and ES Cell Core)
Teri Banks, B.S.	1995-1997	
Brian Powl, B.S.	1997-1998	(also UCSD Transgenic and ES Cell Core)
Sally Barth Hall, B.S.	1998-2001	
Scott Anderson, B.A.	1998-2000	
Jennifer Price, M.S.	1999-2006	(UCSD Transgenic and ES Cell Core)
Ella Kothari, M.S.	1999-present	(UCSD Transgenic and ES Cell Core)
Shannon Snyder, B.S.	2000-2001	
Brandy Nelms, B.S.	2000-2003	(UCSD Transgenic and ES Cell Core)
Jun Zhao, B.S.	2000-present	(UCSD Transgenic and ES Cell Core)
Rudolfo Rey, B.S.	2001-2006	(UCSD Transgenic and ES Cell Core)
Ralph Chopoco, B.S.	2001-2002	(UCSD Transgenic and ES Cell Core)
Heather Oakley, B.S.	2002-2012	(UCSD Transgenic and ES Cell Core)
Laura S. Neely, B.S.	2002-2004	
Rachel S. White, B.S.	2002-2004	
Sarah Palmer, B.S.	2003-2005	(UCSD Transgenic and ES Cell Core)
Shannon C. Flynn, B.S.	2004-2005	
Candice Wellens, B.S.	2005-2006	(also UCSD Transgenic and ES Cell Core)
Natalie Shanks, B.S.	2006-2006	
Yuhong Zhu, B.S.	2006-2013	(UCSD Transgenic and ES Cell Core)
Susan L. Mayo, M.S., Ph.D.	2006-2010	
Jason D. Meadows, B.S.	2009-present	
Sunamita Sanabria Leming, B.S.	2010-2013	
Lacey L. Lindaman (Roybal), M.S.	2013	
Elena Y. Luo, B.S.	2013-2014	
Mary Jean Sunshine, M.S.	2013-2016	
Ichiko Saotome, B.A.	2016-present	

LABORATORY ASSISTANTS

Suzanne Robinson, B.S.	1992	
Sylvia Thomas, B.S.	1992-1993	
John Nemeth, B.S.	1993-1994	
Simon Lee, B.S.	1994-1996	
Brian Powl, B.S.	1996-1997	
Megan Strong, B.S.	2004-2005	(also UCSD Transgenic and ES Cell Core)
Shr Jan Yan, B.S.	2015-2016	

ANIMAL TECHNICIAN

Jason D. Meadows, B.S.	2007-2009
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UNDERGRADUATE TRAINEES and ASSISTANTS Independent Study Courses

Elaine Hennessy, 1985	BIO199 W'85
Lynn Larson, 1985-1986	
Kathleen Huber, 1986-1988, 1989-1991	
Jesse Marron, 1988	
Bryan Harris, 1988-1989	
Suzanne Robinson, 1989-1990	
Cristopher Mura-Smith, 1990-1992	BIO199 Sp'92

Thomas Blättler, 1991
 Marialuz Sevilla, 1991-1992 NEU199 Sp`92
 Richard Marc Schworm, 1991-1992 BIO199 Sp`92
 Colleen Woo, 1992-1994 BIO199 WSp`93, BISP196 F`93,
 HHMI Research Apprentice W`94, BISP199 Sp`94
 Faculty Mentor Program
 HHMI Undergraduate Thesis Research Program
 Sogole Bahmanyar, 1993
 Abby Buhain, 1993-1995 BISP199 F`93, WSpF`94, WSp`95
 HHMI Research Apprentice
 Jocelyn Jovenal, 1993-1996
 Work Study 1994
 Janice Sue Bailey, 1995-1996 BISP199 SpF`95, WSp`96
 Soroptomist's Award, Summer 1995, and Faculty Mentor Program
 Endocrine Society Student Summer Research Fellowship, 1996
 Adrian Badillo, 1996-1997 BISP199 W`96, BISP196 SpF`96, W`97
 HHMI Undergraduate Thesis Program, HHMI Summer Program, 1996
 Kevin Urayama, 1996-1998 BISP199 SpF`97
 Mami Hayakawa, 1997-1998 BISP199 WSp`97, BISP196 FWSp`98
 Endocrine Society Student Summer Research Fellowship, 1997
 Undergraduate Thesis Research
 Derek Guirand, 1997-1998
 HHMI Summer Research Program, 1997
 HHMI Undergraduate Thesis Research Program, 1998
 Joseph Choi, 1997
 Melinda Merrill, 1997-1999 BISP199 SpF`99
 Deborah Kwok, 1998-1999
 Hao Duong, 1998-1999 CHEM199 FWSp`99
 Faculty Mentor Program Summer Fellowship, 1999
 Kevin Rufner, 1998-2000 BISP199 F`99
 Greg DeFuria, 1999-2001
 Shahed Ghanimati, 1999-2002 CHEM199 WSp`00, Sp`01
 Faculty Mentor Program
 Endocrine Society Student Summer Research Fellowship, 2000
 Lisa Ehrensberger, 2000-2002 BISP199 WSp`01
 Work Study 2000-2002; Faculty Mentor Program
 HHMI Summer Research Fellowship, 2001
 Rachel White, 2000-2002 BISP199 WSp`01
 Work Study Award 2000-2001; Faculty Mentor Program
 HHMI Summer Research Fellowship, 2001
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2001-2002
 Sammy Elhag, 2001-2003
 Shaun Chung, 2001-2003
 Vinodha D. Goonewardena, 2001-2003
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2002-2003
 Laura E. Jarnes, 2002 BISP199 Su`02
 Marcus Mazur, 2002-2003
 Roshanak Ramezani, 2002-2003 BISP199 Su`02
 Jennifer L. Hunnicutt, 2003-2004 BISP199 F`03, W`04
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2003-2004
 Endocrine Society Student Summer Research Fellowship, 2004

Brian Kirkwood, 2003-2004 BISP199 WSu`04
 Cameron Hand, 2003-2006 BISP199 SuF`05; BGGN 271 WSpF`06
 Karen Yaphockun, 2003-2005 BISP199 WSpF`04,WSp`05
 Brendan Mulligan, 2004 BISP199 Sp`04
 Francois Webster, 2004-2005 BISP199 F`04,WSp`05
 Sang H. Luu, 2004-2005 BISP199 WSpSu`05
 Faculty Mentor Program
 Endocrine Society Student Summer Research Fellowship, 2005
 Amita Ghiya, 2004-2005
 Jack Yacoo, 2004-2006 BISP199 F`04
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2005-2006
 Leah Hasapes, 2005
 Richard Nguyen, 2005-2006
 Michael Kats, 2005-2007
 Anshu R. Abhat, 2006 BISP199 W`06
 Aisha Memon, 2006-2007 BISP199 WSpF`06
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2006-2007
 Meera Patel, 2006 ReproMed199 Sp`06
 Michelle Pacer, 2006-2007
 John Yang, 2006-2007
 Ronit Lyon, 2007 BISP199 WSp`07
 Gary Liu, 2007
 Amy Tran, 2007 BISP199 WSpSu`07
 McNair Summer Research Program 2007
 Heather Ely, 2007-2008 BISP199 SpF`07, W`08
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2007-2008
 Brian Tran, 2007-2008 BISP199 F`07, W`08
 Yasmin Ghochani, 2007-2008 BISP199 F`07, WSp`08
 Chancellor's Research Award 2007
 Patrick Corpuz, 2007-2008 BISP199 F`07, WSp`08
 Patricia A. Pepa, 2008-2009 BISP199 SpSuF`08, WSp`09
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2008-2009
 Paul H. Nguyen, 2008-2009
 Mark K. Yu, 2008-2009
 Ryan Manon, Summers 2008, 2009
 STARS Program and Endocrine Society support for Minority Students, 2008 and 2009
 Jonathan Aderinto, 2008-2010
 Initiative Minority Support and Development (IMSD) Scholar, 2008-2010
 Kathleen Yip, 2008-2010 BISP199 Su`08, WSp`09, BISP196 F`09, WSp`10
 Amgen Scholar, UCSD Summer Research Program, 2008
 Senior Thesis Research, 2009-2010
 Dissertation: "Characterization of Two Enhancers Upstream of the Gonadotropin-releasing Hormone (GnRH) Gene"
 Lacey L. Lindaman (Roybal), 2008-2010 BISP199 WSpSuF`09, WSp`10
 Endocrine Society Student Summer Research Fellowship, 2009 (Summer Mentor, D. Coss)
 Hughes Scholar Program
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2009-2010
 Anastasia Bendebury, 2008-2010 BISP199 WSpSu`10
 Charles Liu, 2009-2010
 Lara T. Kose, 2009-2010 BISP199 F`09, WSp`10

Jasjit Saini, 2009-2010 BISP199 F'09, WSp'10
 Endocrine Society Student Summer Research Fellowship, 2010 (Summer Mentor, V. Thackray)

Arpi Hambarchyan, 2009-2010 BISP199 WSpSu'10
 Endocrine Society Student Summer Research Fellowship, 2010 (Summer Mentor, D. Coss)

Tracy Hsu, 2009-2011 BISP199 SpF'09, WSpF'10

Giao Nguyen, 2009-2012

Alice H. Rhee, 2009-2011 BISP199 WSpF'10
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2010-2011

Paul Shao, 2010-2011 BISP199 F'10, WSpSu'11

Chiara Maruggi, 2010-2012 BISP196 F'11, WSp'12; BISP199 Sp'12
 Senior Thesis Research Program, 2011-2012
 Dissertation: "The Role of the Homeodomain Protein Six6 in Pituitary Gonadotrope Gene Expression"
 Faculty Mentor Program
 Endocrine Society Student Summer Research Fellowship, 2012

Shadi Shojaei, 2010-2012 BISP199 F'10, WSpF'11, WSp'12

Ksenia Zavorotinskaya, 2011 BISP199 WSp'11

Cindy Ngo, 2011-2012 BISP199 SuF'11, W'12

Ping Gong, 2011-2012 BISP199 WSp'12

Brian J. Archer, 2011-2012

Chuqing Carol Yao, 2012-2012 BISP199 WSpF'12

Anika Tamrazian, 2012-2013 BISP199 WSpSu'13

Angela Bai, 2012-2014
 STAR Incentive Award

Nathan V. Cao, 2014-2015 BISP199 SpF'14, W'15

Crystal Trang, 2012-2015 BISP199 Sp'13, F'14, WSp'15
 Endocrine Society Student Summer Research Fellowship, 2015

Brittainy M. Hereford, Summer 2015 University of Virginia
 National Institutes of Diabetes and Digestive and Kidney Diseases STEP-UP Summer Research Program
 Shr Jan Yan, 2013-2015
 STAR Incentive Award

Jill A. Scheurman, 2014-2015 BISP199 SpF'15

L. Willie Chao, 2015-2016

Haley J. Oosterhouse, 2015-2016 BISP199 WSp'15, BISP196 F'15, WSp'16
 Senior Thesis Research Program, 2015-2016

Alexandra M. Frankel, 2014-2016

Liza E. Brusman, 2014-2016 BISP199 F'14, F'15, WSp'16
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2015
 Faculty/Mentor Program, 2016

Rhea-Comfort Addo, Summer 2016
 California State University at Long Beach
 Summer Training Academy for Research Success (STARS) Program

Gayla Hahn, Summer 2016
 University of California, Berkeley

Sona Trika, Summer 2016 MAP Program
 University of California, Berkeley

Lauren Sitts, 2016 BISP199 SpSuSu'16

Jessica Sora Lee, 2016 BISP199 SuSuF'16

Joseph A. Breuer, 2015-2017 BISP 199 SuF'16, W'17

Frontiers of Innovation Scholars Program Award, 2017
 Rachael J. Hu, 2016-2017
 Dr. Doris A. Howell Undergraduate Research Scholarship, 2016
 Frontiers of Innovation Scholars Program Award, 2017
 Shaddy Malik, 2016-2017 BISP199 F'16, WSp'17
 McKenna R. Sinkovich, 2016-2017 BISP199 F'16, WSp'17
 Frontiers of Innovation Scholars Program Award, 2017
 Sabrina Barreto, Summer 2017
 Imperial Valley College
 Summer Training Academy for Research Success (STARS) Program

Current

Austin Chin, 2016-present BISP199 Su1, Su2'17, F'17
 Ledell Family Research Undergraduate Research Scholarship Award for Science and Engineering, 2017 (Declined)
 Laura Cui, 2016-present BISP199 SpF'17
 Frontiers of Innovation Scholars Program Award, 2017
 Ledell Family Research Undergraduate Research Scholarship Award for Science and Engineering, 2017
 Tiffany Huynh, 2017

VOLUNTEERS and POSTBACCALAUREATE STUDENTS

Cheryl Bender, B.S., J.D. 2001-2002
 Antimone Rowley, B.S. 2003
 Sujata Sovani, M.S. 2008
 Scott Anderson, B.A. 2012
 Sara Vandenburg, MAP Program 2016

MEDICAL STUDENT RESEARCH TRAINEES Independent Study Project (*ISP; **Chair)

*Camille Falkner, UCSD 1994
 **Rana Shayya, UCSD 2001-2004
 *Hang Holly Nguyen, UCSD 2001-2004
 **Anna Grove, UCSD 2009-2011
 Diabetes Endocrinology Research Center Summer Medical Student Research Award, 2009
 **Aida Sun, UCSD 2010-2013
 Diabetes Endocrinology Research Center Summer Medical Student Research Award, 2010
 Adaku Uzo-Okereke, Morehouse School of Medicine 2013
 Diabetes Research Center Summer Medical Student Research Award, 2013
 **Kathleen Yip, 2013-2014, One-year HHMI Medical Student Research Fellowship, Cleveland Clinic Medical School
 *Susan Seav, UCSD 2015-2017
 Diabetes Research Center Summer Medical Student Research Award, 2015
 Rujing Shi, Midwestern University School of Medicine 2016
 Diabetes Research Center Summer Medical Student Research Award, 2016

ROTATION STUDENTS

Biomedical Sciences Program		Biological Sciences Program	
Heather P. Ostendorf	1994	* Ingrid Akerblom	1984
Joseph Marszalek	1995	* David Steger	1988
Charles Abney	1995	* Jonathan Hecht, MSTP	1991
* Shelley Nelson	1995	* Carolyn Kelley	1996
Jason Jobe	1995	* Daniel D. Clark	2006
Chi Yun	1995		
* Janice Susan Bailey	1996		
Tsahai Tafari	1997		
Kendall S. Powell	1997		
* Suzanne Rosenberg Jacobs	1998		
Julie Schames	1999		
Mark Barsoum	2000		
* Marjory Givens	2000		
* Shauna McGillivray	2000		
Kathryn A. Nguyen	2001		
* Nichol Goodman Miller	2002		
Anne Valle	2002		
Heather McMahan	2003		
Elyssa Burg	2003		
Lisa Gallegos	2004		
* Sara Berdy	2004		
Jacqueline Farber, MSTP	2004		
* Alejandro Diaz, MSTP	2004		
Beverly Chen	2006		
Katherine Falkenhagen	2007		
Jennifer Stokes	2007		
Ariana Lorenzana	2007		
* Emily Witham	2008		
Amanda White	2009		
Sol Reyna	2009		
* Polly P. Huang	2011		
* Genevieve E. Ryan	2012		
* Erica Pandolfi	2013		
Navarre Gutierrez-Reed	2013		
Chelsea Painter	2013		
* Shanna Newton	2014		
Angela Van	2015		
Michael I. Vaill	2015		
		Molecular Pathology Program	
		* Tina Mullen	1998
		Neurosciences Program	
		John Barney Welsh	1988
		Kerry Greene	1989
		* Dahna Pasternak	1990
		* Satish Eraly, MSTP	1990
		Michael J. Adler-Pasternak, MSTP	1991
		Alice Paquette	1992
		Martin Gore	1992
		* Yuka Kimura	1993
		Karen Huang	1994
		Megan Houseweart	1996
		* Vyacheslav Vasilyev	1996
		Jeff Ludwig	1996
		Jinah Kim	1997
		Kelley Chuang	1999
		Alycia Mosley	2004
		Rachel Mak-McCully	2010
		* Stephanie Bohaczuk	2015
		* Subsequently joined the Mellon laboratory	

THESIS COMMITTEES**Biomedical Sciences**

Allison McCormick	PhD	1990
S. Navankasattusas	PhD	1995
Jeffrey Pitman	PhD	1998
Antje Zapf	PhD	1998
Pamela Itkin-Ansari	PhD	1999
Joseph Marszalek	PhD	1999
Linda Jurata	PhD	1999
* Shelley Nelson	PhD	1999
Megan Houseweart	PhD	2000
Chun-Hong Xia	PhD	2000
Sarah Sagi	PhD	2000
* Josh Thaler	MSTP	PhD 2001
Esther Merki	PhD	2002
* Suzanne Rosenberg Jacobs	PhD	2002
* Hugo Sanchez	MSTP	PhD 2002
* Janice S. Bailey	PhD	2002
Beth Weaver	PhD	2003
* Marjory Givens	PhD	2004
Pamela Tangvoranuntakul	PhD	2004
* Shauna M. McGillivray	PhD	2005
Greg Wang	PhD	2006
Jessica Tollkuhn	PhD	2006
Kathryn Nguyen	PhD	2007
* Alejandro Diaz	MSTP	MS 2007
* Sara E. Berdy	MS	2007
Heather McMahon	PhD	2007
* Nichol Goodman Miller	PhD	2008
Minh-Ha Do	PhD	2008
Erin Brace-Sinnokrak	PhD	2009
Beverly Chen	MS	2010
Nisha M. Marathe	PhD	2011
Devendra S. Mistry	PhD	2011
* Emily A. Witham	PhD	2012
Brandon Taylor	PhD	2013
Eleen Yee Lam Shum	PhD	2015
Matthew Poling	PhD	2015
* Polly P. Huang	PhD	2016
* <u>Genevieve E. Ryan</u>	PhD	2018
* <u>Erica C. Pandolfi</u>	PhD	
<u>Elizabeth Kleinschmidt</u>	PhD	
<u>Kevin D. Ross</u>	PhD	
* <u>Shanna M. Newton</u>	PhD	
<u>Alexandra E. Goetz</u>	PhD	
<u>Samantha H. Jones</u>	PhD	
<u>Navarre Gutierrez-Reed</u>	PhD	
<u>Jennifer N. Dumdie</u>	MSTP	PhD

* Chair or Co-Chair of Thesis Committee; Currently Active Committees**Biological Sciences**

Aaron Cassill	PhD	1988
* Ingrid Akerblom	PhD	1989
Katherine Thompson	PhD	1989
Paul Skoglund	PhD	1996
Jennifer Armstrong	PhD	1998
* Carolyn Kelley	PhD	2000
Chad Rappleye	PhD	2002
* Roshanak Ramezani	MS	2004
* Brian Kirkwood	MS	2005
* Jennifer Hunnicutt	MS	2005
* Sang Luu	MS	2006
* Heather Ely	MS	2009
* Yasmin Ghochani	MS	2009
* Patrick Corpuz	MS	2009
* Patricia Pepa	MS	2010
* Lacey L. Lindaman	MS	2011
* Arpi Hambarchyan	MS	2011
* Lara T. Kose	MS	2011
* Daniel D. Clark	PhD	2011
* Paul Shao	MS	2012
* Cindy Ngo	MS	2013
* Shadi Shojaei	MS	2013
* Chiara Maruggi	MS	2013
* Anika Tamrazian	MS	2014
* <u>Crystal Trang</u>	MS	2016

Neurosciences

Edward Monuki	MSTP	PhD 1992
* David Steger	PhD	1993
* Satish Eraly	MSTP	PhD 1995
Carry Lucidi-Phillipi	PhD	1996
Martin Gore	PhD	1997
Paul Shilling	PhD	1998
* Leigh MacConell	PhD	1999
James Contos	PhD	1999
* Vyacheslav Vasilyev	PhD	2001
Jen Becker Frihauf	PhD	2014
* <u>Stephanie Bohaczuk</u>	PhD	

Chemistry and Biochemistry

* Hao A. Duong	MS	2000
Kathy Effenberger	MS	2006
Dallin S. Lindahl	MS	2014

Scripps Institute of Oceanography

Nick Kellar	PhD	2008
-------------	-----	------

RESEARCH PROPOSITION QUALIFYING EXAM COMMITTEES (since 1994)**Biomedical Sciences**

Patti Staubs	1994
* Chun-Hong Xia	1995
* Joe Marszalek	1995
* Dan Kahn	1996
* Amy Bower	1996
Tiffany Greenwood	1997
* Mai Zhang	2000
* Ilona Barash	2000
Jessica Tollkuhn	2001
Angela Scott	2001
* William Alaynick	2002
* Minh-Ha Do	2003
* Robert Downen	2003
* George Hightower	2006
* Merrie Mosedale	2007
* Stephen Cheng	2008
Emily A. Witham	2008
* Beverly Chen	2008
Polly P. Huang	2011
* Matthew Poling	2011
* Andrés Betancourt-Torres	2013
Genevieve Ryan	2013
* Kevin Ross	2013
Erica Pandolfi	2014
* Sarah Moore	2014
Shanna Newton	2015
Jennifer Dumdie	2015

Neurosciences

Stephanie Dulawa	1996
Dave Smith	1996
David O'Keefe	1996
Gorazd Stokin	1998
Vickie Risbrough	2001
Christine Paczkowski	2002
Kiely Martinez	2008

*Chair or Co-Chair of Proposition Committee

**FIRST YEAR GRADUATE ADVISEES, STANDING AND PROMOTIONS,
BIOMEDICAL SCIENCES GRADUATE PROGRAM**

Janice Susan Bailey, 1996-1997

Sherri Goode-Liang and Suzanne Rosenberg, 1997-1998

Amy Pagel and Amy Yang, 1998-1999

Mai Zhang and Marjory Givens, 1999-2000

Alison Holzer and Wendy Smith, 2000-2001

Richard Brusch and Nichol Goodman, 2001-2002

Jill Harrington and Louis Sintasath, 2002-2003

Sara Berdy and Jurjen Willem Westra, 2003-2004

Natalie Kardos and Madeline Lancaster, 2004-2005

Gloria Kuo and Alex Joyner, 2005-2006

Siew Keira Teo and Suzette Farber-Katz, 2006-2007

Jennifer Stokes and Julianne McCall, 2007-2008

Marshal Peterman and Heather Glasgow, 2008-2009

Allan Acab and Kathryn Lewallen, 2009-2010

Jonathan Grinstein and Matthew Poling, 2010-2011

Babette Hammerling and Fernando J. Martinez, 2011-2012

Nikki Lytle and Genevieve E. Ryan, 2012-2013

Erica Pandolfi and Navarre Gutierrez-Reed, 2013-2014

Tamara Escajadillo and Shanna Newton, 2014-2015

INVITED PRESENTATIONS AND ENGAGEMENTS (1988-present)

1988

Department of Physiology, University of California School of Medicine, San Francisco
Endocrine Grand Rounds, University of California School of Medicine, San Francisco
Department of Biology, University of California, San Diego
Department of Pharmacology, Stanford University
The Endocrine Society Annual Meeting, New Orleans
Second International Center for Biotechnology Symposium on Steroid/ Thyroid Hormone
Receptor Family and Gene Regulation, Stockholm, Sweden
Cell and Molecular Biology Department, University of Nevada, Reno
Department of Pharmacology, University of Washington, Seattle

1989

Department of Cell Biology, Baylor College of Medicine, Texas Medical Center, Houston
International Symposium on Glycoprotein Hormones: Structure, Synthesis, and Biologic
Function, Newport Beach
Oncogene Science Third Annual Symposium: Regulation of Gene Expression, New York
IABR, Oregon Health Sciences University, Portland
Department of Neuroscience, University of California School of Medicine, San Diego
Plenary Session Speaker, Endocrine Society Annual Meeting, Seattle
Second International Pituitary Congress, Palm Springs
NICHD Center Directors Symposium, Northwestern University, Evanston
Protein Kinase FASEB Conference, Colorado
Hormone Action Gordon Conference, New Hampshire
Department of Biochemistry, Dartmouth Medical School, New Hampshire
National Advisory Child Health and Human Development Council Triennial Report Meeting,
National Institutes of Health, Bethesda

1990

Steroid Receptors, Transcription Factors and Gene Expression, American Association for
Cancer Research, San Diego
Fourth Annual Markey Foundation Symposium in Developmental Biology, California Institute of
Technology, Pasadena
Molecular Biology of Neurotransmitters and their Receptors, UCLA-Keystone Meeting, South
Padre Island, Texas
Laurentian Hormone Conference, Colorado
Department of Physiology and Biophysics, University of Illinois, Chicago
Department of Biological Chemistry, University of California, Los Angeles
Organizer of NIH NICHD Planning Conference on Genic and Transgenic Models of
Reproductive Hormone Action, Bethesda

1991

Molecular Biology and Biochemistry, University of California, Irvine
Organizer of NIH NICHD Workshop on Genic and Transgenic Models of Reproductive Hormone
Action, Bethesda
Department of Biomedical Sciences, University of California, Riverside
Department of Reproductive Medicine, University of California, San Diego
World Congress on Cell and Tissue Culture, Anaheim
Symposia Speaker, Endocrine Society Annual Meeting, Washington, D.C.
Faculty of the Developmental Biology Course, Woods Hole
Hormone Action Gordon Conference, New Hampshire

Zentrum für Molekulare Biologie, Symposium on Cells and Signalling, Heidelberg
Functional Anatomy of the Neuroendocrine Hypothalamus, Budapest
School of Medicine, University of Pittsburgh, Pittsburgh
Department of Biology, University of California, Santa Cruz

1992

Keystone Symposium on "Transcriptional Regulation in Development and Differentiation",
Colorado
Department of Biochemistry, University of Minnesota, Minneapolis
Mayo Clinic, Rochester, Minnesota
President's Symposium Speaker, Annual Meeting of the Society for the Study of Reproduction,
North Carolina
National Institute of Environmental Health and Safety, North Carolina

1993

Human Genetics Symposium, University of California, San Diego
The Population Council, Center for Biomedical Research, Rockefeller University, New York.
Department of Biochemistry, University of Texas, Southwestern, Dallas
UCD Seminar in Current Biology, University of California, Davis
Sero Symposium on Glycoprotein Hormones: Structure, Function, and Clinical Applications,
Santa Barbara
Reproductive Biology Research Center, Vanderbilt University, Nashville
Vollum Institute, Oregon Health Sciences Center, Portland.
Cell and Developmental Biology, University of California, Irvine
Symposium in Genetics, University of California, Los Angeles
Symposia Chairperson, Endocrine Society Annual Meeting, Las Vegas
Hormone Action Gordon Conference, New Hampshire
Ares-Serono Symposium on Developmental Endocrinology, Geneva, Switzerland

1994

Frontiers in Developmental Biology, Stanford University, Palo Alto.
Scripps Institute and Research Foundation, La Jolla.
Symposia Speaker, Endocrine Society Annual Meeting, Anaheim.
Sixth Annual William A. Sadler Lecture in the Reproductive Sciences,
at the 23rd Annual Meeting of the Directors of NICHD Reproductive
Sciences Research Centers and Programs, Charlottesville
Vice-Chair, Hormone Action Gordon Conference, New Hampshire
Plenary Lecture, IX International Congress on Hormonal Steroids, Dallas
San Diego Conference on Nucleic Acids: The Genetic Revolution, San Diego

1995

Department of Neurosciences, Johns Hopkins School of Medicine, Baltimore.
National Institute for Child Health and Human Development;
National Institutes of Health, Bethesda
Department of Immunology, Scripps Research Institute, La Jolla
Symposia Speaker, Experimental Biology, 1995, Atlanta
National Institutes of Health, Division of Research Grants, Endocrine Study Section Speaker
Chair, Hormone Action Gordon Conference, New Hampshire

1996

Distinguished Faculty Lecture Series, University of California, San Diego, School of Medicine
Neural Peptides, Keystone Symposia on Molecular and Cellular Biology, Lake Tahoe, California
Reproductive Endocrinology, Northwestern University, Evanston

Institute of Molecular Biology, Academia Sinica, Nankang, Taipei, Taiwan
International Congress of Endocrinology, Session Chairman, San Francisco
The 4th International Pituitary Congress, San Diego
Hormone Action Gordon Conference, New Hampshire
University of Southern California, Los Angeles, Neurosciences Graduate Program

1997

The National Managed Health Care Congress, Bio/Technology Division "Assay Development for High Throughput Screening Conference", San Diego
Division of Endocrinology and Metabolism, Cedars-Sinai Medical Center, Los Angeles
Department of Neuroscience, Neurodegeneration Seminar, San Diego
Meet-the-Professor, Society for Gynecological Investigation, San Diego
Plenary Speaker, Endocrine Society Annual Meeting, Minneapolis
Sero Symposium on Developmental Endocrinology, Geneva
Department of Human Genetics and Program for Reproductive Sciences, University of Michigan, Ann Arbor

1998

The National Managed Health Care Congress, Bio/Technology Division "Assay Development for High Throughput Screening Conference", San Diego
Endocrine Grand Rounds, University of California, San Diego
Meet-the-Professor, Pituitary Congress, Naples, Florida.
The National Managed Health Care Congress, Bio/Technology Division "Choice and Development of Cell Lines for High Through-put Screening", San Diego
Samuel Lunenfeld Research Institute, University of Toronto, Toronto

1999

Triangle Consortium for Reproductive Biology Symposium, North Carolina
Division of Biomedical Science, University of California, Riverside
Symposium on Regulation of Pituitary Hormone Secretion, Venice
Speaker, Annual Meeting of the Directors of NICHD Reproductive Sciences Research Centers and Programs, Bethesda
Endocrine Society Annual Meeting, San Diego, Symposium Overview
Chair, Mock Study Section, The Endocrine Society Annual Meeting
Pituitary Congress, Long Beach
Screen '99, Assay Development for High Through-put Screening, Institute for International Research, San Diego
NICHD Aspen Conference, Aspen
American Gynecological Club, San Diego
Plenary speaker, 25th Annual Meeting, Japanese Society of Neuroendocrinology, Tokyo
Department of Pathology, Tokai University, School of Medicine, Japan
Department of OB/GYN, Yokohama City University, School of Medicine, Japan

2000

Speaker and Organizing Committee, Symposium on Fundamental Mechanisms in Reproduction, Society for Gynecological Investigation, Chicago
BioStar Symposium, UCSD, La Jolla
Axiom Biotechnologies, Inc., La Jolla
Symposium Speaker, The Society for In Vitro Biology World Congress on In Vitro Biology, San Diego
Session Chair and Organizing Committee, Endocrine Society Annual Meeting, Toronto, Canada
Organizer, SCPPRR Focus Group Meeting, Toronto, Canada

Hematology and Oncology Seminar Series, UCSD Cancer Center, La Jolla
Abarelix National Advisory Board, Amgen, San Diego

2001

NIH/NICHD Neuroendocrine Focus Group Meeting, La Jolla
Oregon Regional Primate Center, Portland
NIH/NICHD SCCPRR Center Grant Research Meeting, Bethesda
Session Chair and Organizing Committee, Endocrine Society Annual Meeting, Denver
Faculty of the Neurobiology Course of the Marine Biological Laboratory at Woods Hole,
Massachusetts
Hormone Action Gordon Conference, New Hampshire

2002

GlaxoSmithKline, Research Triangle Park
Organizer and Host, NICHD Center Directors' Meeting, La Jolla
Neuroendocrine Workshop, Berkeley
Plenary Speaker, Endocrine Society Annual Meeting, San Francisco
Presidential Symposium "Molecular Mechanism of Hormone Production and Secretion" at the
6th US-Japan Joint meeting on Histochemistry and Cytochemistry, Seattle
193rd Annual Meeting of The Society for Endocrinology, London

2003

Neuroendocrine Focus Group of the NIH/NICHD Center Grant Program, Houston
Reproductive Biology Seminar Series, University of Texas, Southwestern
NIH/NICHD SCCPRR Center Grant Research Meeting, Bethesda
Pituitary Congress, New York
33rd Annual Kathleen Osborn Memorial Lecture, Kansas University Medical Center, Kansas
City
University of Virginia, School of Medicine, Charlottesville

2004

Division of Endocrinology, Harbor-UCLA Medical Center, David Geffen School of Medicine, Los
Angeles

2005

NIH/NICHD SCCPRR Center Director's Meeting, Bethesda

2006

Women in Science and Engineering, La Jolla
NIH/NICHD SCCPRR Center Neuroendocrine Focus Group Meeting, Houston
NIH/NICHD SCCPRR Center Director's Meeting, Washington DC
Diabetes Endocrinology Research Center, UCLA, Los Angeles

2007

NIH/NICHD SCCPRR Center Neuroendocrine Focus Group Meeting, La Jolla
NIH Proposal, Seminar and Panel Discussion, Moores Cancer Center, UCSD
NIH/NICHD SCCPRR Research Meeting, Bethesda
Panelist, Fellows and Students Day Program, Endocrine Society Annual Meeting, Toronto
Symposium Speaker, Endocrine Society Annual Meeting, Toronto

2008

Northwestern University, Chicago
NIH/NICHD SCCPIR Center Neuroendocrine Focus Group Meeting, Chicago
NIH/NICHD SCCPIR Center Director's Meeting, Washington DC

Mock Study Section Speaker, Endocrine Society Annual Meeting, San Francisco
Summer Neuropeptide Conference, Tel Aviv, Israel
International Symposium on Signal Transduction in Health and Disease, Tel Aviv, Israel

2009

Division of Endocrinology, Diabetes and Metabolism, Cedars Sinai Medical Center, Los Angeles
NIH/NICHD SCCPIR Center Neuroendocrine Focus Group Meeting, Chicago
NIH/NICHD SCCPIR Center Director's Meeting, Chicago
Session Chair, Endocrine Society Annual Meeting, Washington, DC
Pathology Research Lecturer, University of California, San Diego, School of Medicine
DERC Director's Meeting, NIDDK, Bethesda

2010

NIH/NICHD SCCPIR Center Neuroendocrine Focus Group Meeting, La Jolla
University of California, Irvine, Dept. of Pharmacology
NIH/NICHD SCCPIR Center Director's Meeting, Bethesda
Endocrine Grand Rounds, Massachusetts General Hospital, Harvard School of Medicine
Women in Endocrinology, San Diego
Speaker and Mentor, Endocrine Trainee Day, Endocrine Society Annual Meeting, San Diego
Mock Study Section Speaker and Chair of two sessions, Endocrine Society Annual Meeting, San Diego
Center for Reproductive Biology, Washington State University, Pullman, Washington
Endocrine Grand Rounds, Department of Medicine, University of California, San Diego, La Jolla
DERC Director's Meeting, NIDDK, Bethesda

2011

Magee-Womens Research Institute, Pittsburgh
Neuroendocrine Focus Group Meeting, NIH/NICHD SCCPIR Center, Chicago
NIH/NICHD SCCPIR Center Director's Meeting, Chicago
NIH/NICHD SCCPIR Research Meeting, Chicago
Symposium Speaker, Endocrine Society Annual Meeting, Boston
Women in Endocrinology, Boston
Women's Reproductive Health Research Conference, Providence, Rhode Island

2012

UCSD Research Connections Postdoctoral Fellow Seminar Series: "Career Path: Advice for Women in Science"
Neuroendocrine Focus Group Meeting, NIH/NICHD SCCPIR Center, Bethesda
NIH/NICHD SCCPIR Center Director's Meeting, Bethesda
Women in Endocrinology Awards Presentations, Houston, Texas
Endocrine Society Annual Meeting, Houston, Texas
Women's Reproductive Health Research Meeting, Philadelphia, Pennsylvania

2013

Neuroendocrine Focus Group Meeting, NIH/NICHD SCCPIR Center, Bethesda
NIH/NICHD SCCPIR Center Director's Meeting, Bethesda
NIH/NICHD SCCPIR Research Meeting, Bethesda
Endocrine Society Annual Meeting, San Francisco, Session Chair, Presidential Poster Judge
Speaker, Career Development Workshop, Mentorship with Women in Endocrinology, San Francisco
Women's Reproductive Health Research Meeting, Denver, Colorado

2014

NIH/NICHD SCCPIR Center Director's Meeting, Bethesda
Joint International Congress of Endocrinology and Endocrine Society Annual Meeting,
Presidential Poster Judge, Chicago
Speaker, Career Development Workshop, Mentorship with Women in Endocrinology, Chicago
Women in Endocrinology Awards Presentations, Chicago
Invited Speaker, International Conference on Gonadotropins & Receptors, Tours, France

2015

Speaker, Diabetes Research Center, Junior Faculty Workshop, UC Los Angeles
Diabetes Research Center Retreat, UC Los Angeles, Poster presentation
Endocrine Society Annual Meeting, Symposium Chair, Presidential Poster Judge, San Diego
Speaker, Career Development Workshop, Mentorship with Women in Endocrinology, The
Endocrine Society Annual Meeting, San Diego
Retreat Speaker, Training Program in Basic and Clinical Genetics, UCSD, La Jolla
NCTRI Steroids, Metabolism and Female Reproduction Focus Group, Bethesda
NIH/NICHD SCCPIR/NCTRI Research Meeting, Bethesda
Panelist, IRACDA Conference, San Diego
Speaker, American Association of Obstetricians and Gynecologists Foundation (AAOGF) Annual
Scholar's Retreat, La Jolla
Panelist, Association of Women in Science, Panelist, Advance to the Job Offer: Nail the
Interview, La Jolla
Superfund Research Meeting, San Juan, Puerto Rico

2016

Poster Judge, Center for Circadian Biology Symposium - "From Cells to Clinic", La Jolla
Speaker, Career Development Workshop, The Mentor-Mentee Relationship, The Endocrine
Society Annual Meeting, Boston
Session Chair, The Endocrine Society Annual Meeting, Boston
Speaker, Diabetes Research Center, Junior Faculty Workshop, UC San Diego

2017

Speaker and Lead Organizer, NICHD Steroids, Metabolism and Female Fertility Focus Group
meeting for the National Centers for Research on Reproduction and Infertility, La Jolla
Symposium Speaker, The Endocrine Society Annual Meeting, Orlando, Florida
Speaker, Career Development Workshop, The Mentor-Mentee Relationship, The Endocrine
Society Annual Meeting, Orlando
Speaker, NICHD Translational Research In Reproduction National Meeting, Bethesda
Mentoring Award Recipient, Society for Neuroscience, Washington, DC.

2018

Inaugural Pan-American Neuroendocrine Society Lecture at the International Congress of
Neuroendocrinology, Toronto, Canada

REVIEWING

Grants and Fellowships:

American Cancer Society, Scientific Advisory Committee on Personnel for Research, 1993
Biotechnology and Biological Sciences Research Council, BBSRC, (United Kingdom)
Danish Medical Science Research Council
Endocrine Society Abstract Reviewer, 2007-2011, 2016
Endocrine Society Bridge Grant Review Group, 2006-2010, Basic Science Co-Chair, 2008-2010
Endocrine Society Presidential Poster Judge, 2013
Faculty of 1000, Medicine: Neuroendocrinology and Pituitary Section
FRAXA, Fragile X Research Foundation (Scientific Advisory Board, 1993-2009)
Fund for Scientific Research – Flanders (Belgium)
Health Research Council of New Zealand
Howell Foundation, Member of the Grants Review Committee (2005-2011)
Human Frontiers Science Foundation
Israel Science Foundation
Lalor Foundation
March of Dimes
Medical Research Council of Canada
Ministry of Education, Belgium
Murdock Charitable Trust
National Institutes of Health
 Biochemical Endocrinology, Ad hoc member, 1987
 NCI Site Visit, UCSD Cancer Program Project, 1989
 Biochemical Endocrinology, Ad hoc member, 1989
 NICHD Center Grant Site Visit, 1990
 Biological Sciences II, Postdoctoral Grant Study Section, Ad hoc, 1991
 NIDDK Site Visits for Two Program Project Grants, Harvard University, 1992
 Chair and Member, Endocrinology Study Section 1994-1998 (Chair 1996-1998)
 Chair, NICHD Special Emphasis Grant Review Panel, 1997
 Chair, CSR Special Emphasis Grant Review Panel, NIH, March 2003
 NIH-RAID Pilot Program Grant Reviewer, 2005
 SCCPRR NICHD U54 Study Sections, 2005
 Chair, CSR Special Emphasis Grant Review Panel, NIH, March 2006
 Molecular, Cellular, and Developmental Neuroscience Integrated Review Group, CSR Special Emphasis Panel, NIH, 2006
 Chair, CSR Special Emphasis Grant Review Panel, NIH, November 2006
 SCCPRR NICHD U54 Study Sections, 2006
 Chair, CSR Special Emphasis Grant Review Panel, NIH, July 2007
 Challenge Grants, ARRA Special Emphasis Grant Review Panel, NIH, June 2009
 Individual NRSA Postdoctoral Fellowships, Reproductive Sciences and Development, Oct. 2009
 CSR Special Emphasis Grant Review Panel, ZRG1 EMNR-E, NIH, January 2010
 NIDDK review of The Beta Cell Biology Consortium Mouse/ES Cell Core, January 2011
 NRSA Fellowship Review Panel ZRG1 EMNR-T (02) M, March 2013
 NICHD T32 Review Panel ZHD1 DRG-D (90), January 2014
 NICHD T32 Review Panel ZHD1 DSR-Y (90), November 2014
 CSR Special Emphasis Grant Review Panel, ZRG1 EMNR-A (02) M, August 2015
 NICHD Intramural Program Review, June 2016
 NRSA Fellowship Review Panel ZRG1 F06 A (20) L, November 2016
National Academy of Science, Arthur M. Sackler Colloquium Proposals
National University of Singapore Academic Research Fund

TÜBİTAK Science Awards, National Science Awards of Turkey
U.S. Department of Agriculture
U.S. Veterans Administration
Washington University School of Medicine, BIRCH program
Wellcome Trust (United Kingdom)
Women in Endocrinology Abstract Awards, Mentor Awards, Young Investigator Awards, 2005-2012

Journals:

American Journal of Physiology	Journal of Neurobiology
Biology of Reproduction	Journal of Neurochemistry
Biochemistry	Journal of Neuroendocrinology
BioMed Central Genomics	Journal of Neuroscience
BioTechniques	Journal of Steroid Biochemistry and Molecular Biology
Brain Research	Journal of the Endocrine Society
Cell	Journal of the Society for Gynecological Investigation
Clinical Genetics	Molecular and Cellular Biology
Development	Molecular and Cellular Endocrinology
DNA and Cell Biology	(Editorial Board, Past)
Endocrine Reviews	Molecular and Cellular Neuroscience
Endocrinology (Editorial Board, Past)	Molecular Biology of the Cell
FASEB Journal	Molecular Endocrinology (Editorial Board, Past)
FEBS Letters	Molecular Human Reproduction
Frontiers in Cellular Neuroscience	Molecular Reproduction and Development
(Editorial Board, Current)	Nature
Frontiers in Pituitary Endocrinology	Nature Medicine
(Editorial Board, Current)	Nature Protocols
Gene	Neurochemistry International
General and Comparative Endocrinology	Neuron (Editorial Board, Past)
Gene Regulation and Systems Biology	Neuropeptides
(Editorial Board, Past)	Neuroscience
Genes and Development	Neuroscience Letters
Genesis	Nucleic Acids Research
Genome Research	Oncogene
Human Molecular Genetics	PLoS ONE
Journal of Andrology	Proceedings National Academy of Science, USA
Journal of Biological Chemistry	Reproduction
Journal of Cell Biology	Reproductive Biology and Endocrinology
Journal of Cell Science	Reproductive Toxicology
Journal of Cellular Biochemistry	Reviews in Oncogenesis
Journal of Clinical Endocrinology and Metabolism Science	
Journal of Clinical Investigation	Trends in Endocrinology and Metabolism
Journal of Molecular Endocrinology	