

CURRICULUM VITAE

Name:	ERIC PAUL ZORRILLA	Mailing Address:
		SR105B, Department of Molecular Medicine
Date of Birth:	June 30, 1970	The Scripps Research Institute
	Houston, Texas	10550 North Torrey Pines Road
Citizenship:	United States	La Jolla, California 92037
Phone:	858-945-2013	E-mail: ezorrilla@scripps.edu
Ethnicity:	Hispanic (Cuban-American)	Pronouns: he/him/his

EDUCATION

University of Pennsylvania, Philadelphia, PA

PhD, Psychology (1996)

NSF Graduate Research Fellow, Dean's Scholar, Most Outstanding Graduate Student

Dissertation: Neonatal rodent handling: relevance to human posttraumatic stress disorder

Committee: Eva Redei, Rob DeRubeis (co-chairs), Harvey Grill, Randall Sakai, Tyrone Cannon

University of Pennsylvania, Philadelphia, PA

MA, Psychology (1992)

Advisors: Martin E.P. Seligman, Robert DeRubeis

Duke University, Durham, NC

BS, Psychology / Economics / Political Science (triple major) (1991)

Angier B. Duke Scholar (full-tuition), Distinction in Psychology, Economics honors, cum laude

Honors thesis: Major depression: A refutation of the endogenous-reactive distinction

Advisors: Edward Craighead, Donald Evans, Carl Erickson, Garth Bissette

University of Oxford, Oxford, England

New College, 1990

Tutor: Professor John Davies

SELECTED SCIENTIFIC CONTRIBUTIONS

-Identified roles for brain CRF₁ receptors in anxiety-like behavior; excessive self-administration of ethanol, drugs, or palatable food; and negative emotional withdrawal symptoms; associated drug-development activity, including a CRF₁ antagonist use patent.

-Showed that urocortins-CRF₂ receptors centrally and peripherally control food intake.

-Negative reinforcement view of compulsive eating; Discovered causal roles for amygdala corticotropin-releasing factor (CRF) and endocannabinoid systems during food withdrawal.

-Discovered that sigma-1 receptors and phosphodiesterase-10A modulate excessive ethanol self-administration and depressive-like behavior.

-Discovered that interleukin-18 centrally controls food intake and energy expenditure.

- Showed that novel active and passive immunization approaches can modulate endogenous ghrelin control of food intake and energy expenditure, yielding an anti-ghrelin patent.
- Discovered roles for galanin type 1 and type 2 receptors in high-fat diet-induced feeding and anxiety-/depressive-like behavior, respectively.
- Discovered role for amygdala CRF₂ receptors in responses to social defeat and for urocortin 2 in modulating depressive-like and anxiety-like behavior.
- Identified endocrine mediators by which maternal Western diet increases offspring obesity.
- Developed novel rodent models of compulsive eating (food addiction); post-traumatic stress-induced ethanol drinking, hypohedonia, and depressive-like behavior; and protracted withdrawal.
- Developed novel, quantitative methods for meal pattern and microstructure analysis of ingestive behavior.
- Identified relations of stress, depression, anxiety and personality with immune system changes and progression of viral illness in people in both original research and meta-analyses.
- Collaborative studies (with Dr. Sylvia Smith) showing neuroprotection by sigma receptors against retinal degeneration.

PROFESSIONAL TRAINING AND POSITIONS:

- 2020-present Deputy Scientific Director, TSRI-NIAAA P60 Alcohol Research Center
- 2020-present Co-Director, Animal Models Core, TSRI NIAAA P60 Alcohol Research Center
- 2016-present Co-Director, TSRI-NIAAA T32 Neuropsychopharmacology: Multidisciplinary Postdoctoral Training Grant
- 2012-present Associate Professor, Kellogg School of Science and Technology, The Scripps Research Institute, La Jolla, CA
- 2008-present Associate Professor, Departments of Molecular Medicine and Neuroscience (formerly Molecular and Cellular Neuroscience, Committee on the Neurobiology of Addictive Disorders, and Molecular and Integrative Neurosciences Department), The Scripps Research Institute, La Jolla, CA
- 2003-present Neuroscience Graduate Group Member, University of California-San Diego, La Jolla, CA
- 2003-2008 Assistant Professor, Molecular and Integrative Neurosciences Department and Committee on the Neurobiology of Addictive Disorders (formerly Department of Neuropharmacology), The Scripps Research Institute, La Jolla, CA
- 2001-2003 Senior Research Associate, Department of Neuropharmacology, The Scripps

- Research Institute, La Jolla, CA (Mentor: Dr. George Koob)
- 1997-2001 Research Associate, Department of Neuropharmacology, The Scripps Research Institute, La Jolla, CA (Mentor: Dr. George Koob)
- 1996-1997 Postdoctoral Fellow, Department of Neuroscience, Neurocrine Biosciences, Inc., La Jolla, CA (Mentors: Drs. Gery Schulteis, Errol De Souza, and George Koob)
- 1992-1996 Predoctoral Fellow, Neuroendocrinology Laboratory, Center for Neurobiology and Behavior, Departments of Psychiatry and Pharmacology, University of Pennsylvania (Mentor: Dr. Eva Redei)
- 1991-1992 Predoctoral Fellow, Learned Helplessness Laboratory, Department of Psychology, University of Pennsylvania (Mentor: Dr. Martin E.P. Seligman)
- 1990-1991 Undergraduate Research Assistant, Neuropeptide Laboratory, Department of Psychiatry, Duke University (Supervisor: Dr. Garth Bissette)
- 1990-1991 Undergraduate Clinical Research Assistant for Cognitive-Behavioral Group Therapy, Mood Disorders Inpatient Unit, Duke University Medical Hospital (Supervisors: Drs. Ed Craighead and Donald Evans)

TEACHING EXPERIENCE

Courses taught and curriculum development:

The Scripps Research Institute

- 2024 NEURO 550 Neurobiology of Addiction (graduate, co-organizer with Barbara Mason)
- 2024 NEURO 550 Neurobiology of Addiction, "Introduction-Neurobiology of addiction"
- 2024 NEURO 550 Neurobiology of Addiction, "Compulsive eating"
- 2024 NEURO 550 Neurobiology of Addiction, "Cannabis"
- 2024 NEURO 550 Neurobiology of Addiction, "Recombinatorial dissection of neural circuits"
- 2024 NEURO 550 Neurobiology of Addiction, "Review-Neurobiology of addiction"
- 2024 NEURO 550 Neurobiology of Addiction, "Cannabinoids" Journal Club leader
- 2024 NEURO 550 Neurobiology of Addiction, "Opioids" Journal Club leader
- 2024 NEURO 550 Neurobiology of Addiction, "Astrocytes" Journal Club leader
- 2022 NEURO 550 Neurobiology of Addiction (graduate, co-organizer with Barbara Mason)
- 2022 NEURO 550 Neurobiology of Addiction, "Introduction-Neurobiology of addiction"
- 2022 NEURO 550 Neurobiology of Addiction, "Compulsive eating"
- 2022 NEURO 550 Neurobiology of Addiction, "Cannabinoids and synthetics"
- 2022 NEURO 550 Neurobiology of Addiction, "Review-Neurobiology of addiction"
- 2022 NEURO 550 Neurobiology of Addiction, "Proteomics" Journal Club leader
- 2022 NEURO 550 Neurobiology of Addiction, "Methamphetamine" Journal Club leader
- 2022 TSRI NIAAA T32 Trainee Seminar series, "Reproducibility in research"
- 2020 Invited presenter, Dec Course Organizers, "Novel journal club" (w/C. Wittenberg)

- 2020 Invited presenter, Nov Curriculum Committee, “Novel journal club” (w/C. Wittenberg)
- 2020 NEURO 550 Neurobiology of Addiction (graduate, co-organizer with Barbara Mason)
- 2020 NEURO 550 Neurobiology of Addiction, “Introduction-Neurobiology of addiction”
- 2020 NEURO 550 Neurobiology of Addiction, “Compulsive eating”
- 2020 NEURO 550 Neurobiology of Addiction, “Review-Neurobiology of addiction”
- 2020 NEURO 550 Neurobiology of Addiction, “Alcohol” Journal Club leader
- 2020 NEURO 550 Neurobiology of Addiction, “Psychostimulants” Journal Club leader
- 2018 NEURO 550 Neurobiology of Addiction, “Genetic dissection of neural circuits”
- 2018 NEURO 550 Neurobiology of Addiction, “Genetic recombination” Journal Club leader
- 2018 NEURO 550 Neurobiology of Addiction, “Compulsive eating”
- 2018 NEURO 550 Neurobiology of Addiction, “Food addiction” Journal Club leader
- 2016 NEURO 550 Neurobiology of Addiction, “Protracted withdrawal”
- 2016 NEURO 550 Neurobiology of Addiction, “Incubation and relapse”
- 2016 NEURO 550 Neurobiology of Addiction, “Recombinatorial dissection of neural circuits”

University of California-San Diego

- 2023 Neurobiology of Food Intake and Metabolism (UCSD PGY3 Psychiatry residents)
- 2021 Neurobiology of Food Intake and Metabolism (UCSD PGY3 Psychiatry residents)
- 2017 Neurobiology of Food Intake and Metabolism (UCSD PGY4 Psychiatry residents)
- 2016 Neurobiology of Food Intake and Metabolism (UCSD PGY4 Psychiatry residents)
- 2015 Neurobiology of Food Intake and Metabolism (UCSD PGY4 Psychiatry residents)
- 2010 NEU222 Molecular & Cellular Neuroendocrinology, lecturer (graduate)
- 2008 NEU222 Molecular & Cellular Neuroendocrinology, lecturer (graduate)
- 2006 NEU222 Molecular & Cellular Neuroendocrinology, lecturer (graduate)
- 2004 NEU222 Molecular & Cellular Neuroendocrinology, lecturer (graduate)
- 2002 NEU222 Molecular & Cellular Neuroendocrinology, lecturer (graduate)

University of Pennsylvania

- 1996 Neuroendocrinology / Neuroimmunology (graduate;w/E. Redei & Loretta Flanagan-Cato)
- 1996 Behavioral Pharmacology Laboratory (graduate; w/E. Redei)
- 1995 Behavioral Pharmacology Laboratory (graduate; w/E. Redei)
- 1994 Brain Bases of Behavior (undergraduate; w/E. Pugh)
- 1994 Abnormal Psychology (undergraduate; with Robert DeRubeis)
- 1993 Abnormal Psychology (undergraduate; with M.E.P. Seligman)
- 1992 Introductory Psychology (undergraduate; with David Williams)

Mentoring Activities:

All Primary Trainees

(168 total, 37 postgrad,131 pregrad, 61% women, 36% underrepresented/1st gen/disadvantage)

Postgraduate Trainees

(37 total, 20 pre-doctoral, 17 post-doctoral, 79% women, 29% underrepresented minorities)

Éva Fekete, Ph.D. (Post-doctoral fellow, **Two Eotvos Hungarian Fellowships**)

2003-2005, 2008-2011

Associate Scientist, University of Wisconsin-Madison
Associate Professor, University of Pécs, Hungary

Yu Zhao, Ph.D. (Post-doctoral fellow)
2006-2008
Scientist, Amylin Pharmaceuticals

Valentina Sabino, Ph.D. (Pre- and post-doctoral fellow, **NRSA F32 and K99/R00 fellowships**)
2003-2009
Professor, Pharmacology and Psychiatry, Boston University School of Medicine

Shinichi Iwasaki, M.D., Ph.D. (Post-doctoral fellow)
2005-2006
Center Director and Professor, Neuropsychiatry, Osaka City University School of Medicine

Pietro Cottone, Ph.D. (Pre- and post-doctoral fellow, **NRSA F32 and K99/R00 fellowships**)
2005-2009
Associate Professor, Pharmacology and Psychiatry. Boston University School of Medicine

Yanina Grant, M.S. (Pre-doctoral fellow, MS visiting from Oklahoma State University)
2005
Vice President, Atara Biotherapeutics

Luca Steardo, Jr., M.D. (Post-doctoral fellow)
2007
Professor, Psychiatry
University of Naples, then Magna Græcia University of Catanzaro, Italy

Marian Logrip, Ph.D. (Post-doctoral fellow, **NRSA F32 and K99/R00 fellowships**)
2008-2012
Associate Professor, Psychology, Indiana University Indianapolis

Sarah Parylak, Ph.D. (Pre-doctoral fellow, UCSD Ph.D., **NRSA F31 award**)
2008-2012
Staff Scientist, The Salk Institute for Biological Studies (Gage Lab)

Jennifer Frihauf, Ph.D. (Pre- and post-doctoral fellow, UCSD Ph.D., **NRSA F31 + T32 awards**)
2008-2014
Faculty Lecturer, Department of Psychology, Santa Clara University

Alessandra Dicitore, Ph.D. (Post-doctoral fellow)
2012
Staff Scientist, Medical Biotechnology and Translational Medicine (BIOMETRA), Univ. of Milan

Grace Lee, M.S. (Pre-doctoral fellow, UCSD BS/MS student)
2013-2016
Ohio State University Medical School (MD, 2021)
Fellow, Internal Medicine, The McGovern Medical School, Houston, TX

Belinda Hui, M.S. (Pre-doctoral fellow, UCSD BS/MS student)
2015-2017

Instructor, Complutense University of Madrid

Alison Kreisler, Ph.D. (Post-doctoral fellow, **T32 awardee**)

2015-2018

Faculty lecturer, Department of Psychology, California State University-San Marcos

Samantha Spierling Bagsic, Ph.D., MSE (Pre-doctoral fellow, Scripps Ph.D., **ARCS Scholar, NIH TL1 Awardee, George H. Collier New Investigator Award, Endocrine Society Early Career Forum Award, Larry Parsons Award in Alcohol and Addiction Research**)

2014-2019

Current Awardee, **NIH Loan Repayment Program for Mentored Health Disparities Research**
Research Scientist and Biostatistician, Scripps Health Whittier Diabetes Institute

David McCue, Ph.D. (Post-doctoral fellow, **T32 awardee**)

2017-2018

Scientist, Genentech

Jiayuan (Jane) Murphy, M.S. (Pre-doctoral fellow, UCSD BS/MS student)

2019-2020

Current Medical Student, USF Health Morsani College of Medicine

Drew Schreiner (Pre-doctoral fellow, UCSD Ph.D. student, **F31 awardee co-mentor**)

2019-2021

Post-doctoral fellow, F32 awardee, Duke University

Luisa Bertotto, Ph.D. (Post-doctoral fellow, **T32 awardee, Nadia Chaudhri Rising Scholar**)

2021-2023

Assistant Project Scientist, University of California-Irvine

Giovana de Macedo, Ph.D. (Post-doctoral fellow)

2021-2022

Scientist, HD Biosciences

Sarah Singh (Pre-doctoral fellow, rotating TSRI Ph.D. student)

2021-2022

Program Coordinator for Master of Science in Community Medicine, Keck Graduate Institute

Rosanna Sandoval (Pre-doctoral fellow, rotating UCSD Ph.D. student)

2021-2022

Current UCSD Ph.D. student, Callaway Lab, Salk Institute for Biological Studies

Valentina Vozella, Ph.D., Pharm.D. (Post-doctoral fellow, **K99/R00 awardee co-mentor**)

2021-2024

Scientist, Bausch & Lomb

Bryan Cruz, Ph.D. (Post-doctoral fellow, **K99/R00 awardee co-mentor**)

2021-

Current fellow (co-mentored with Dr. Marisa Roberto)

Saumya Ranjan (Pre-doctoral fellow, UCSD BS/MS student)

2022-2024

Scientific Research Associate, University of California-Irvine

Sara Zimmerman (Pre-doctoral fellow, rotating UCSD Ph.D. student)
2022-2023

Current UCSD Ph.D. student, Luger lab

HeeYang "Mia" Lee (Pre-doctoral fellow, rotating TSRI Ph.D. student)
2022

Current Scripps Ph.D. student, Maximov Lab, Scripps Research

Cristiane Favoretto, Ph.D. (Post-doctoral fellow, **Brazil BEPE-FAPESP Fellow**)
2023-
Current fellow

Cassandra White (Pre-doctoral fellow, rotating TSRI Ph.D. student)
2023
Current Scripps Ph.D. student

Kijana George (Post-doctoral fellow, **T32 awardee**)
2024-
Current fellow

Paige Bensing (Pre-doctoral fellow, **Mark Pearson Endowed Fellowship in Addiction**)
2024-
Current Scripps Ph.D. student

Weiye Dai (Pre-doctoral fellow, rotating TSRI Ph.D. student)
2024-
Current Scripps Ph.D. student

Phoebe Young (Pre-doctoral fellow, rotating UCSD Ph.D. student)
2024-
Current UCSD Ph.D. student

Rebecca Han (Pre-doctoral fellow, rotating UCSD Ph.D. student)
2024-
Current UCSD Ph.D. student

Pregraduate Trainees (* denotes honors thesis)

(with subsequent positions)

(131, 103 undergrad, 28 high school, 57% women, 40% underrepresented/firstgen/disadvantage)

at the University of Pennsylvania (1993-1996):

Marni Borricelli

1994

B.A., Psychology, University of Pennsylvania

MSN-RN, University of Pennsylvania School of Nursing

Allison Cherner (Bender) *

1995-96

B.A., Psychology, University of Pennsylvania

Researcher, Department of Developmental and Child Psychology, UCLA
Researcher, Department of Brain and Cognitive Sciences, University of Rochester
M.A. School Psychology, Missouri Baptist University
School Counselor, Ferguson-Florissant School District

Kristin Dolte (McNaughton) *

1995

B.A., Health and Societies: Public Health, University of Pennsylvania
M.H.S. Epidemiology, Johns Hopkins School of Public Health
Biostatistician, Merck

Jason Kessler *

1994-95

B.S. Molecular and Cell Biology, University of Pennsylvania
M.D., M.P.H. Columbia University School of Medicine
Fellow, Division of Internal Medicine, Columbia University
Resident, Hospital of the University of Pennsylvania
Instructor, Department of Population Health, New York University School of Medicine
Section Chief, Infectious Disease, Morristown Medical Center, NJ

Heather Lieberman (Zinkin) *

1995-96

B.A., Psychology, University of Pennsylvania
M.D., NYU Grossman School of Medicine
Medicine internship, Brigham and Women's Hospital
Resident, Radiation Oncology, Tufts-New England Medical Center/Brown University
Chief, Radiation Medicine, Huntington Hospital
Assistant Professor, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Vaughn Mankey *

1995-96

B.A., Psychology, University of Pennsylvania
M.D., Harvard School of Medicine
Resident, Psychiatry, Massachusetts General/McLean Hospitals
Faculty Fellow, Child and Adolescent Psychiatry, Massachusetts General /McLean Hospitals
Psychiatrist in private practice, Boston and Austin, TX

Samir Shah

1994-96

B.S., Biology, Saint Joseph's University
Scientist, Theorem Clinical Research (formerly BioPharm/IBAH Clinical Services) and Parexel
Executive Vice President, Exl Pharma
CEO, PRA Health Sciences
President, Strategic Solutions, Icon PLC (Clinical Research CRO)

Partha Sinha

1994-96

B.S., Molecular and Cell Biology, University of Pennsylvania
M.D. / Ph.D. Tufts University School of Medicine
Internship, Beth Israel Deaconess Medical Center
Residency, Beth Israel Deaconess Medical Center (BIDMC)

Fellowship, Massachusetts General Hospital
Program Director, BIDMC/JDC Joint Endocrinology Fellowship Training Program
Instructor, Medicine, Endocrinology, Diabetes, and Metabolism, Harvard School of Medicine

Fernando Suarez-Rivas
B.A., Psychology, University of Pennsylvania
1993-94
Analyst, Associate, Vice President, co-Global Head, JP Morgan
Head, North America Investment Banking, JP Morgan

at The Scripps Research Institute (1997-present):

Diego Castaneda
1997

Faculty Mentor Program Scholar

B.S., Physiology and Neuroscience, UCSD
M.P.H. Biostatistics and Health Education, San Diego State University
DrPH, Health Communication and Media Studies, University of California-Berkeley
NIMH T32 Clinical Services Post-doctoral fellow, PI: HAPP-I Study, UCSF
Adjunct Faculty, University of California-Berkeley School of Public Health

Stephen Schneid
1997
B.S., Physiology and Neuroscience, UCSD
M.H.P.E., University of Illinois, at Chicago (UIC) College of Medicine
Director, Educational Development and Scholarship, UCSD Schools of Pharmacy & Medicine

Lindsay Reinhardt *
1998-99
B.A., Psychology, UCSD
Ph.D., Medical and Clinical Psychology, Uniformed Services University of the Health Sciences
Psychologist, Naval Medical Center San Diego

Carmen Carrillo *
1998-99
SACNAS Scholar and Presenter, CAMP Scholar
B.S., Physiology and Neuroscience / Psychology, UCSD
M.A., Psychology Program in Neuroscience, Princeton University (Mentor: Dr. Bart Hoebe)l
M.P.H. Johns Hopkins Bloomberg School of Public Health
DrPH., Public Health (in progress), Johns Hopkins Bloomberg School of Public Health
Project Director, LA CAPRA (aging research), David Geffen School of Medicine at UCLA
Professional Development Institute Manager, Los Angeles County Department of Public Health

Victoria Bender
2000
B.S., Psychology, UCSD
Assistant to the Dean (Dr. Ren Sun, Pharmacology), David Geffen School of Medicine, UCLA

Minette Unson (Pineda)
2001
B.S., Physiology and Neuroscience, UCSD
Nurse Practitioner (N.P.), Clinical Nurse Specialist (C.N.S.), Radiology, UC San Diego Health

Andrea Cugini (Spencer)

2002

B.A., Psychology, UCSD

Vice-President, FoxFury Lighting Solutions (family business)

Maegan Mattock

2002-04

B.S., Psychology, UCSD

M.S.W., Social work, UCLA

Social worker, Los Angeles Dept. Children and Family Services and Center for Law and Justice

Director of Advocacy & Chief Program Officer, Court Appointed Special Advocates (CASA), LA

Executive Director, Marin Court Appointed Special Advocates (CASA)

Cherie Virtitas (Falvey)

2005

B.S., Psychology, UCSD

M.P.H., Yale School of Public Health

Program Analyst, National Cancer Institute

Project Director, San Francisco Department of Public Health

Quality Improvement and Evaluation Coordinator, UCSF

Lara Pockros (Burgess)

2006-07

B.A., Psychology, UCSD

Ph.D., Behavioral Neuroscience, Arizona State University

Technical writer, SAS and Editor, American Journal Experts

Regulatory affairs and FDA advisory briefing, 3D Communications

Belinda Leos

2007

B.A., Psychology, UCSD

Research technician (Weiss Lab), Scripps Research

Michael Douglas

2007

B.S., Molecular and Cell Biology, UCSD

Justin Bokhoor

2007

B.S., Physiology and Neuroscience, UCSD

M.D., University of Miami Leonard M. Miller School of Medicine

Kimberly Lally

2007

B.S., Human Biology, UCSD

M.D. David Geffen School of Medicine, UCLA

Chief Resident, Anatomic and Clinical Pathology, Cedars-Sinai

Fellow, Transfusion Medicine, Johns Hopkins Hospital

Assistant Professor of Pathology, Icahn School of Medicine at Mount Sinai

Medical Director, Transfusion Medicine, Baylor Scott & White Health

Stephanie Dela Cruz

2008-09

B.S., Molecular and Cell Biology, UCSD

Pharm.D., Feik School of Pharmacy, University of the Incarnate Word

Pharmacist, Walgreen's

Elizabeth Wolf

2008-09

B.A., Psychology, University of San Diego

M.A. Clinical Psychology, Pepperdine University

Marital and Family Therapist, YMCA Youth and Family Services

Meaghan Dischler

2009

B.A., Psychology, UCSD

Emergency Room R.N., Sharp Grossmont Hospital

John Sekab

2009-10

B.S., Biochemistry and Cell Biology, UCSD

Pharm.D., Massachusetts College of Pharmacy and Health Sciences

Postdoctoral Fellow and Medical Science Liaison, Neuroscience, Allergan

Field Medical Associate Director, Akcea Therapeutics

Field Medical Director, Ionis Pharmaceuticals

Global Medical Director, Alexion, AstraZeneca Rare Disease

Mariam Asrdyzyhan

2010

B.S., Biochemistry, UCSD

Pharm.D., Loma Linda University School of Pharmacy

Pharmacist, CVS Health

Adrienne Remigio

2010

B.S., Biology, UCSD

Pharm.D., Midwestern University College of Pharmacy

Emergency Medicine Pharmacist, Stanford Health Care

Edward Vaisberg

2010

B.A., Economics / Biology (minor), Dartmouth College

COO and CGO, Fuzu, Ltd.

COO and Founder, Supermind (EEG wearables)

Melissa Kramer

2010

B.S., UCSD

M.D., SUNY-Stony Brook School of Medicine

Resident, UC-Davis School of Medicine

Clinical Fellow, Phoenix Children's Hospital

Pediatrician, UC San Diego Health / Rady Children's / Children's Primary Care Medical Group

David Howard

2010

McNair Scholar

B.S., Molecular and Cellular Biology, UCSD

Natalie Gill

2010

B.S. Psychology, UCSD

Owner, Native Poppy

Rheall Roquet *

2010-12

B.S. Psychology, UCSD

Ph.D., Behavioral Neuroscience, University of Texas-Austin

Clinical Research Associate II, Syneos Health

Senior Clinical Research Associate, Thermo Fisher Scientific

Eunice Kim

2010

B.S., Biochemistry, UCSD

NIMH Post-Baccalaureate IRTA Research Fellow

Pharm.D., UCSF

Resident, Pharmacy Informatics, Johns Hopkins Hospital

Informatics Pharmacist, Oregon Health and Science University

Jaimie Shubin

2011

M.S.N. California State University, Dominguez Hills School of Nursing

Daniel Le

2011

B.S., Biochemistry and Psychology, UCSD

Master's Degree (honors), Physician Assistant, University of Bridgeport, CT

Physician Assistant-Certified, Yale New Haven Hospital

Daniel Kim

2011

B.A., Psychology, UCSD

M.D., University of Arizona College of Medicine – Phoenix

Resident, Pediatrics, University of California-Irvine/Children's Hospital of OC

M.A., Bioethics, University of Washington

Pediatric Critical Care & Clinical Bioethics Fellow, Univ. Washington, Seattle Children's Hospital

Nathaniel Balmert

2011

B.S., Biological Science, Notre Dame

M.D., Western Michigan Homer Stryker School of Medicine

Resident, Henry Ford Allegiance Health

Resident in Anesthesiology, McClaren Greater Lansing

Tiffany Andres

2011

B.S., Biology and Psychology, UCSD

Laboratory Associate, Yeast Culture Specialist, White Labs Inc.

Associate Project Manager, Food Development and Sourcing, Williams-Sonoma, Inc.

Category Manager and Product Developer, Event Network, Inc

Ryan Chen

2011-12

B.S., Chemistry and Management Science-Economics, UCSD

Co-Founder, Neuro

2019: Forbes 30 Under 30, Food and Drink

Jean Kim

2011-12

B.S., Psychology, UCSD

Clinical Research Coordinator, UCLA Jonsson Comprehensive Cancer Center

Michelle Hong

2011-12

B.S., Biology, UCSD

Research Associate, Histology Core, UC San Diego Health

M.S., Occupational Therapy, Dominican University of California

Occupational Therapist, Child's Play Therapy Services

Nathaniel Tran

2012

B.S., Human Biology, UCSD

Research Associate, Depts. Chemistry & Chemical Biology (Woo Lab), Harvard University

Ryan Muir

2012-13

Conference Presenter

B.S., Biochemistry/Chemistry, UCSD

Ph.D., Chemistry and Chemical Biology, UCSF (Renslo lab)

Postdoctoral scholar, Stanford University (Bogyo lab)

Senior scientist, Discovery Biology, Septerna, South San Francisco, CA

Karen Fernandes

2012-13

B.S., Human Biology, UCSD

M.D., Oakland University William Beaumont School of Medicine

Resident, OB/Gyn Las Palmas Del Sol, HCA Healthcare, El Paso, TX

Physician, Royal Oak, MI

Sameeha Khalid

2012-13

Hugh Edmondson Summer Research Intern

B.S., Human Biology, UCSD

D.O., A.T. Still University School of Osteopathic Medicine in Arizona

Resident, Internal Medicine, UCSF-Fresno
Hospitalist, Scripps Mercy Hospital San Diego

Tina Hörbelt (Hörbelt-Gruenheid)

2012

B.S., Molecular Biology, Westphalian University of Applied Sciences, Recklinghausen
M.S., Medical Biology, University Duisburg, Essen
Post-doc, Instit. of Medical Psychology & Behavioral Immunobiology, University Hospital, Essen

Amber Kazi

2012-13

B.S., Molecular Biology, UCSD
M.D., University of Iowa Roy J. and Lucille A. Carver College of Medicine
Resident, Internal Medicine/Pediatrics, Children's Hospital of Orange County, UC-Irvine
Pediatrician, Seattle Children's Hospital

Saba Naamo *

Conference Presenter

2012-13

B.S., Human Biology, UCSD
M.D., UC-Riverside School of Medicine
Resident, Internal Medicine, Highland Hospital, Oakland, CA
Chief Resident, Diagnostic Radiology, Geisinger Commonwealth School of Medicine

Megg Garcia (Garcia-Ryde)

Conference Presenter and Caledonian Scholar

2014-15

B.S., Biochemistry and Cell Biology, UCSD
M.S., Molecular Biology, Lund University
Ph.D., Neuroinflammation, Lund University
Research Engineer, Experimental Dementia Research, Lund University

Grace Lee

2014-16

B.S., Human Biology / Psychology (minor), UCSD
M.S., Biology, UCSD
M.D., Ohio State University College of Medicine
Resident, Internal Medicine, Ohio State University College of Medicine
Fellow, Internal Medicine, McGovern Medical School

Deborah Seigny-Resetco

2014

TSRI SURF Student

B.A., Psychology – Neuroscience emphasis, University of Puget Sound
Service Coordinator, Crestwood Behavioral Health
Domestic Violence Emergency Advocate, YWCA of Greater Portland
Ph.D. student, Clinical Psychology, Oregon Health Science University

Melody Sayrany

2015-16

B.S., Human Biology, UCSD

M.Sc., Biology, University of British Columbia
Scientist, Biology, University of British Columbia
Science Writer, CellCarta

Kelsey Kines
2016

UCSD MSTP SURF Student

B.S., Biochemistry and Molecular Biology, University of Richmond
NIH Post-Baccalaureate CRTA Fellow
M.D./Ph.D. MSTP student, University of Colorado School of Medicine

Savannah Fang
2016-17

B.S., Biochemistry and Cell Biology, UCSD
M.S. Biology, UCSD
Fulbright Scholar, Taiwan
Associate Scientist, R&D, The Janssen Pharmaceutical Companies of Johnson & Johnson

Casey Williams
2016-17

B.S. Psychology (Clinical Psychology emphasis), UCSD
M.S.W. student, San Diego State University
Behavioral Health Counselor, Eating Recovery Center and Equip

James Huang
2017

B.S., Biochemistry and Cell Biology, UCSD
M.S., Physician Assistant, Rutgers School of Health Professions
Physician Assistant, Rutgers
Emergency Medicine PA, Cooperman Barnabas Medical Center

Taimur Rehan
2017-18

B.A., Molecular Biology and Genetics, Northwestern
M.B.A., Biotech emphasis, Rady School of Management, UCSD
D.O. Program, Burrell College of Osteopathic Medicine
J.D. student, IP and Healthcare Law, University of California, College of the Law, San Francisco

Ashley Scott
2017

UCSD MSTP SURF student

B.S., Cognitive Science, Neuroscience emphasis, University of Virginia
Researcher, Department of Psychiatry and Neurobehavioral Sciences, University of Virginia
Research, Connectome annotator, Howard Hughes Medical Institute
Medical Assistant, Virginia Neurosurgeons

Sarah Pucci
2017-18

B.S., Human Biology, UCSD
Accelerated BSN/RN, Samuel Merritt University
Registered Nurse, Oncology/BMT, Sutter Health

Julia Prinzi
B.S., Molecular Biology, UCSD
M.S., Genetic Counseling, University of Utah School of Medicine
Genetic Counselor, Pediatric Cardiology, Las Vegas

Hang Chang
2018-2020
B.S., Biology and Psychology, UCSD
M.S., Translational Medicine, UC Berkeley-UCSF
Clinical Research Data Manager, University of Chicago School of Medicine

Jiayuan (Jane) Murphy
2018-2020
B.S., Human Biology, UCSD
M.S., Biology, UCSD
M.D. student, University of South Florida Health Morsani College of Medicine

Meghana Ottur
2020-2022
Conference Presenter
B.S., Neurobiology / Computer Science (minor), UCSD
NIH NeuroSURP intern, Rutgers University-New Brunswick
Data Science Intern, HabitNu
M.S., Data Science, University of California-San Diego

Katelyn Luu
2020-2022
Conference Presenter
B.S. Public Health, UCSD

Dolly Lampson-Stixrud *
2020-2021
Conference Presenter
B.S., Chemical and Biological Engineering / Biochemistry, Princeton University
Researcher, Yeast metabolic engineering for biofuels (Avalos lab), Princeton University
Scientist 1, Institute for Protein Design, University of Washington Core Research Labs

Nicki Rohani
2020-2021
Conference Presenter
B.S., Human Developmental Sciences and General Biology (minor)
M.D. Student/Researcher, Virginia Tech Carilion and Fralin Biomedical Research Institute

Garret Wang
2020-2022
URS Eureka! Scholar and Presenter
B.S., Molecular and Cellular Biology, UCSD
NIH IRTA Postbaccalaureate fellow
M.D./Ph.D. MSTP Student, Medical College of Wisconsin

Anushka Sinha

2020-2022

TRELS Scholar and Conference presenter

B.S., Neurobiology and Neurosciences, UCSD

M.S., Computational Biology, Carnegie Mellon University

Eleanna Sakoulas

2020-2023

Conference presenter

B.S., Biology, UCSD

Researcher, UC San Diego Moores Cancer Center

Gordon Ye

2020-2024

Goldwater Scholar, Churchill Scholar, Knight-Hennessy Scholar, TRELS Scholar, URS

Julia Brown Scholar, Conference presenter

B.S. Computer science (biomedical computation specialization)

M.D./Ph.D. MSTP student, Stanford University Medical School

Sebastian Oakes

2021

B.S. (expected 2025), Chemical Engineering, UC-San Diego

Natalia Valderrama Pena

2021

TSRI SURF student

B.S., Neuroscience and Cellular and Molecular Biology, Florida State University

Research Associate, HCW Biologics, Miami

Lucas Santos

2021

B.S., Psychology, UC-Riverside

Research Assistant, Sanford Burnham Medical Research Institute

Olivia Cai

2021

B.S., International Business, Finance, Cognitive/Behavioral Neuroscience, UCSD

Michael Torres

2021-2022

UCSD MSTP SURF student

B.S., Microbiology, Immunology, and Genetics, UCLA

M.D. student, UCSF School of Medicine

Jeffrey Feng

2021-2022

Conference presenter

B.S., Data Science and Cognitive Science - Machine Learning & Neural Computation

M.S., Computational Data Science, Carnegie Mellon University

Data Scientist, LinkedIn

Katrina Lin
2021-2023
TRELS Scholar, Conference presenter
B.S., Cognitive Science, UCSD
Ph.D. student, Psychology, Ohio State University

Olivia Alcoran
2021-2023
Conference presenter
B.S., Human Biology / Chemistry and Global Health (minors), UCSD

Helen Zhao
2021-2022
B.S., Cognitive Science – Machine Learning & Neural Computation, UCSD
M.S. student, Data Science, Harvard Paulson School of Engineering & Applied Sciences

Prothit Halder
2021-2022
B.S., Mathematics and Computer Science, UCSD
Software Engineer, PayPal

Sukanya Krishna
2021-2022
B.S., Cognitive Science – Machine Learning & Neural Computation, UCSD

Saumya Ranjan
2021-present
Conference presenter
B.S., Biology, UCSD
M.S., Biology, UCSD
Scientific research associate, UC-Irvine

Anush Ghoogasian
2021-2022
TRELS Scholar and Conference presenter
B.S., Cognitive Science, UCSD
Research Assistant, Jacobs School of Engineering, UCSD
M.A. student, Psychology, Cal State University-Fresno

Landi Guo
2021-2022
B.S., Bioinformatics, UCSD
M.S., Biostatistics, Columbia University Mailman School of Public Health
Biostatistician, Medical College of Wisconsin

Solimar Rosado-Iglesias
2022
TSRI SURF and UPR-PRISE summer student
B.S., Neuroscience (expected 2025), University of Puerto Rico-Ponce

Surabhi Bhupathi

2022-2023

Conference presenter

B.S. Biochemistry / Psychology and Biology (minors), UCSD

Xiaoyang (Rebecca) Liu

2022-2023

Conference presenter

B.S., Clinical Psychology / Cognitive Science (minor), UCSD

Ph.D. student, Peking University

Allyson Nguyen

2023-present

TRELS Scholar and Conference presenter

B.S. (expected 2025), Biology, UCSD

Gabriela Chacon

2023

B.S. (expected 2026), Neuroscience, UCSD

Amelia Hawley

2023-present

Conference presenter

B.S. (expected 2025), Neuroscience, Duke University

Randy Bach

2023

B.A., Neuroscience, University of Pennsylvania

M.D. student, Perelman School of Medicine, University of Pennsylvania

Dylan Fernandez

2023-present

Conference presenter

B.S. (expected 2025), Neurobiology, UCSD

Zechen Lin

2023

B.Sc., Biomedical Sciences, Zhejiang Univ.-Univ. Edinburgh Institute, China

Ph.D. student, Zhejiang Univ.-Univ. Edinburgh Institute

Yifan (Linda) Lou

2023-present

Conference presenter

B.S. (expected 2025), Cognitive Science (Machine Learning), UCSD

Mustafa Ali

2023-present

Conference presenter

B.S. (expected 2026), Cognitive and Behavioral Neuroscience, UCSD

Tang "Tina" Low

2024-present

B.S. (expected 2025), Biochemistry, Cognitive neuroscience (minor), UCSD

Haoyang “Vica” Yu

2024-present

B.S. (expected 2026), Data science, Minor in cognitive science, mathematics, UCSD

Austin Calza

2024-present

B.S. (expected 2025), Cognitive science (Machine learning specialization), UCSD

Nicolas Toon

2024-present

B.S. (expected 2027), Data science, UCSD

Nancy Yousif

2024-present

B.S. (expected 2025), Neurobiology, UCSD

Shriya Singh

2024-present

B.S. (expected 2027), Neurobiology, minor in Global Health, UCSD

High school students at The Scripps Research Institute

Minh (Alvin) Huynh

2004

B.S., Cell and Molecular Biology / Chemistry (minor), California State University-Long Beach

Research Assistant, Neurobiology and Behavior (Lane lab), UC-Irvine

M.S., Biology, California State University-Long Beach

Rosie Alevas

2004

Harvey Mudd Upward Bound College Program

Sujin Park

2009

B.S., Biology, Stanford

Bio-X Undergraduate Fellow (Wu lab)

Software Engineer, Marqeta

Michelle Doyle *

2009

B.S., Biopsychology, Tufts University (Miczek lab)

Research Assistant, McLean Hospital

Ph.D., Integrated Biomedical Sci-Neuroscience (Collins lab), University of Texas-San Antonio

Postdoctoral fellow, Scripps T32 / UCSD San Diego Health-Psychiatry (de Guglielmo lab)

Paola Odriozola

2010

B.A., Psychology, UC-Berkley (D'Esposito lab)

Research Assistant, Cognitive & Systems Neuroscience, Stanford University (Menon lab)

Research Associate, Brain Connectivity and Cognition, University of Miami (Uddin lab)

Ph.D., Psychology/Neuroscience, Yale University (Gee lab)
Postdoctoral fellow, Developmental Neuroscience, UCLA (Galvan/Peris lab)

Gustavo Chavez
2010

B.S., Human Biology, Community Health and Healthcare policy, Stanford University
M.D. / Ph.D., Medicine / Biomedical Informatics, Stanford University Medical School
Resident, Anesthesiology and Pain, UC-Davis Health

Jessi Becker
2011

Research Assistant, Neuroscience (A. Silva lab), UCLA
B.S., Biology, 2016, City College of New York (Mano lab)
Fellow, Biological Chemistry (Tabak lab), National Instit. Dental and Craniofacial Research
Fellow, Chemical Biology (H. Hang lab), Rockefeller University
Ph.D., Genetics (Ferguson-Smith lab), University of Cambridge
Postdoctoral fellow, University of Cambridge

Stacy Flores
2015

B.A., Psychology, California State University-Los Angeles
M.F.T., Marriage and Family Therapy, Pacific Oaks College

Daniela Walter
2016

B.S. / B.A., Mechanical Engineering and Mathematics, University of San Diego
Ph.D. student, Mechanical and Bioengineering, University of California-Santa Barbara

Ricardo Cano
2018

B.S., Mechanical Engineering, UC-Berkeley
Engineer, RBC Sonic Industries

Axl Martinez
2019

Associate Degree, San Bernardino Valley College
Current 4-year college applicant

Isabella (Bella) Myer
2021

Conference presenter

B.S. (expected 2026), Biomedical Engineering, Duke University Pratt School of Engineering

Lenwood Thompson
2022

B.S. (expected 2027), San Diego State University

Eli Browne
2022-2023

B.S. (expected 2027), Cognitive Science and Data Science, Stanford University

Emily Zhu
2022-2023
B.S. (expected 2027), Computer Science, University of Southern California-Viterbi School

Frankie Guox
2022
Current high school student

Vanessa Palomera
2022
Current high school student

Paulina Ai
2023
B.S. (expected 2028), UC-Berkeley School of Engineering

John “Jerry” Huber
2023-2024
B.S. (expected 2028), Computer science, University of Michigan School of Engineering

Bhadra Rupesh
2023-2024
B.S. (expected 2028), Computer science, MIT

Mia Bravo
2023-2024
Conference presenter
B.S. (expected 2028), Molecular biology, UCLA

Joseph Patiño
2023
Current high school student

Natalie Luu
2023
Current high school student

Jared Zambrano
2024
Current high school student

Zane Borker
2024
Current high school student

Anna Krolik
2024
Current high school student

Logan Wang
2024

Current high school student

Aiden Afshar

2024

Current high school student

HONORS AND AWARDS

- 1987-1991 Angier B. Duke Memorial Merit Scholar (merit-based full tuition), Duke University
- 1991 Economics Honors Program, Duke University
- 1991 Dean's List with Distinction, Duke University
- 1991 Cum Laude, Duke University
- 1991 Graduated with Distinction in Psychology, Duke University
- 1992-1996 National Science Foundation Graduate Research Fellow
- 1995-1996 Scottish Rite Dissertation Research Fellow
- 1996 Most Outstanding Graduate Student, Dean's Scholar, University of Pennsylvania
- 1998-2001 Minority Supplement, NIH P01DK267401, "Biology of neuroendocrine peptides."
- 2001-2003 Minority Supplement, NIH P01DK267401, "Biology of neuroendocrine peptides."
- 2004 Abstract selected for and published in the Society for Neuroscience conference media materials "Hot Topics" Press Book, Program No. 893.23
- 2005-present Member, The Pearson Center for Alcoholism and Addiction Research
- 2005 Abstract selected for and published in the Society for Neuroscience conference media materials "Hot Topics" Press Book, Program No. 57.4
- 2005 Abstract selected for and published in the Society for Neuroscience conference media materials "Hot Topics" Press Book, Program No. 307.20
- 2005 "Most-Frequently Read Articles," *Am J Physiol*. 2005. 288: R1450-67
- 2005 Paper received Commentary -- *Am J Physiol*. 2005. 288: R1450-67 by Geary N. *Am J Physiol Regul Integr Comp Physiol*. 2005. 288:R1444-6.
- 2006 Paper received Commentary -- *Science*. 2006. 314: 825-8 by Saper C, *Science*. 2006. 314:773-4 and Verico CD, *Physiology* 22: 70-72, 2007.
- 2006 "Cover" and "Most-Frequently Read Articles," *Proceedings of the National Academy of Sciences*. 2006. 103: 13226-13231.
- 2006 Paper received Commentaries -- *Proceedings of the National Academy of Sciences*. 2006. 103: 13226-13231 by Zigman JM, Elmquist JK, *Proceedings of the National Academy of Sciences*. 2006. 103: 12961-12962 and Carlson MJ, Cummings DE. *Mol Interv*, 6: 249-252.
- 2006 Elected Fellow, Harold L. Dorris Neurological Research Institute
- 2007 Invited Speaker/Grantee, NIDDK Intrauterine Environment & Obesity Workshop
- 2007 Paper received Commentary -- *Proceedings of the National Academy of Sciences*. 2007. 104: 17198-17203 by Grunberg NE. *Proceedings of the National Academy of Sciences*. 2007. 104: 17901-17902.
- 2009 "Cover," *Proceedings of the National Academy of Sciences*. 2009. 106:20016-20.
- 2010 "Feature article." *American Journal of Primatology*, 2010. 72:1004-12.
- 2012 Invited Plenary Speaker, Behavior, Biology and Chemistry: Translational Research in Addiction
- 2015 Invited Plenary Speaker, California Society for Addiction Medicine
- 2016 APSselect for *Am J Physiol Regul Integr Comp Physiol*. 2016 311:R1045-R1059.
- 2019 Paper received Commentary - *Neuropsychopharmacology*. 2019. EPub Oct 8. 2019 by Martin DA, Calu DJ., *Neuropsychopharmacology*. 2019. Epub Nov18. 2019.
- 2022-2025 Invited Speaker/Grantee, NIH *AllofUs* Extramural Program to Advance Research

- 2024- Member, Preclinical Working Group, Pharmacotherapies for Alcohol and Substance Use Disorders Alliance
- 2024- Member, Big Data Working Group, Pharmacotherapies for Alcohol and Substance Use Disorders Alliance

ADVISORY ACTIVITIES

Editor:

Associate Editor, Frontiers in Psychiatry
Editorial Board, Neuroenergetics, Nutrition and Brain Health(Frontiers in Nutrition/Neuroscience)

Journal Reviewer (88+ journals):

Addiction Biology
Addiction Neuroscience
Addictive Behaviors
American Journal of Geriatric Psychiatry
American Journal of Physiology – Regulatory, Integrative and Comparative Physiology
American Journal of Psychiatry
Annals of Behavioral Medicine
Appetite
Archives of General Psychiatry
Atherosclerosis
Behavioural Brain Research
Behavioral Neuroscience
Behavioural Pharmacology
Biological Psychiatry
Brain Research
Brain Research Bulletin
Brain Sciences
British Journal of Pharmacology
Cell Transplantation
Cells
ChemMedChem
Current Drug Targets
Current Opinion in Behavioral Sciences
Developmental Psychobiology
Diabetes
Diabetes, Obesity and Metabolism
Drug Discovery Today
eLife
Endocrine
Endocrinology
European Journal of Clinical Investigation
European Journal of Neuroscience
Expert Opinion on Therapeutic Targets
FASEB Journal
Frontiers in Behavioral Neuroscience
Frontiers in Neuroscience
Frontiers in Neuroendocrine Science

Frontiers in Psychiatry
Future Drugs: Expert Reviews
Genes, Brain, and Behavior
Gut
Hormones and Behavior
Hypertension
ILAR Journal
International Journal of Environmental Research and Public Health
International Journal of Molecular Sciences
International Journal of Neuropsychopharmacology
International Journal of Obesity
Journal of Clinical Endocrinology & Metabolism
Journal of Clinical Investigation
JCI Insight
Journal of Neuroendocrinology
Journal of Neuroscience
Journal of Personality
Journal of Pharmacy and Pharmacology
Journal of Pharmacology
Journal of Psychopharmacology
Journal of Psychosomatic Research
Letters in Drug Design & Discovery
Molecular Biology Reports
Molecular Psychiatry
Nature
Nature Neuroscience
Nature Reviews Endocrinology
Neurobiology of Disease
Neuropharmacology
Neuropsychopharmacology
Neuroscience
Neuroscience Letters
Neuroscience and Biobehavioral Reviews
Nutrients
Obesity
Peptides
Pharmacological Research
Pharmacology, Biochemistry and Behavior
Physiology
Physiology & Behavior
PLOS Biology
PLOS One
Proceedings of the National Academy of Sciences
Psychoneuroendocrinology
Psychopharmacology
Psychosomatic Medicine
Regulatory Peptides
Science
Stress
Trends in Endocrinology and Metabolism
Wiley Interdisciplinary Reviews: Systems Biology and Medicine

Grant Reviewer:

2003-2004	Department of Veteran Affairs: Merit Review Grants
2007-2009	Israel Science Foundation
2007	Burroughs Wellcome Fund
2008	American Diabetes Association
2009	NIH Challenge Grant (RC1) Panel 15 Reviewer -- ZRG1 EMNR-C (58) R
2009	United States - Israel Binational Agricultural Research & Development Fund
2009	NIH Integrative Physiology of Obesity and Diabetes [IPOD] Study Section
2011	Border Biomedical Research Program
2011	Romanian National Council for Scientific Research
2012	NIH/NIDDK DDK-C (Digestive Diseases and Nutrition C)
2012	NIH/CSR MESH (Mechanisms of Emotion, Stress, and Health)
2012-2015	NIH/NIAAA AA-4 (Neuroscience Review Subcommittee), Standing member
2013	NIH/CSR ZDA1 SXC-E (10) S (Collaborative Research on Addiction)
2014	NIH/CSR ZRG1 BBBP-J 45 (Animal/Biological Resource Facilities), RFA Panel
2016	NIH/CSR BRLE (Biobehavioral Regulation, Learning and Ethology)
2016	UK Medical Research Council
2017	NIH/CSR ZRG1 IFCN-J(03) (Integrative, Functional & Cognitive Neuroscience)
2017	NIH/CSR NMB (Neurobiology of Motivated Behavior)
2019	NIH/CSR ZGM1 RCB-2 (C1) / Review of COBRE Phase 1 Applications
2109	DoD Medical Research on Military Operational Medicine
2020	Michigan Diabetes Research Center
2021	NIH/CSR ZRG1 IFCN-T(02)M, SEP Motivated Behavior, Alcohol & Neurotoxicol
2021	NIH/CSR BRLE (Biobehavioral Regulation, Learning and Ethology)
2022	NIH/CSR BRLE (Biobehavioral Regulation, Learning and Ethology)
2022-2026	NIH/NIAAA NAL (Neurotoxicology & Alcohol Study Section), Standing Reviewer
2022-present	DoD Pharmacotherapies for Alcohol and Substance Use Disorders Alliance
2024	NIH/NIAAA 2025/01 ZRG1 NAL-K (90) S (Neurotoxicology & Alcohol Conflict)

PROFESSIONAL AFFILIATIONS

1996-	Member, Society for Neuroscience
2003-	Member, National Institute of Diabetes, Digestive and Kidney Disorders Network of Minority Research Investigators
2004-	Member, American Physiological Society
2004-	Member, American Society of Pharmacology and Experimental Therapeutics
2005-	Member, Society for the Study of Ingestive Behavior
2012-	Member, National Hispanic Science Network on Drug Abuse
2016-	Member, Endocrine Society
2023-	Senior Investigator, Research Society on Alcohol

GRANTS AND FUNDING AWARDED

(ordered by date of initiation)

United States Academic Decathlon, 1 st place overall, State of Texas 1986	\$10,000
United States Academic Decathlon, 1 st place overall, State of Texas 1987	\$10,000

Duke University Angier B. Duke Memorial Scholarship (4 years, merit-based full-tuition) 1987-1991	\$80,000
National Science Foundation (Role: PI) 1991-1994 National Science Foundation Graduate Research Fellowship Amygdala and lateral septal neuropeptides in a model of post-traumatic stress disorder	\$66,000
University of Pennsylvania, General Clinical Research Center (Role: PI) 1993-1994 The effects of examination stress on cell-mediated immunity: psychological and biological correlates	\$12,000
University of Pennsylvania, Research Foundation (Role: PI) 1993-1994 The effects of examination stress on cell-mediated immunity: psychological and biological correlates	\$16,000
Scottish Rite (Role: PI) 1995-1996 Scottish Rite Dissertation Research Fellowship Cytokines and leukocyte differentials in schizophrenia	\$47,000
NIH/NIDDK P01 DK267401-S1 (Role: Supplement PI; P01 PI: Vale) 1998-2001 Biology of neuroendocrine peptides – Minority supplement Mentor: George Koob	\$326,200
NIH/NIDDK P01 DK267401-S2 (Role: Supplement PI; P01 PI: Vale) 2002-2003 Biology of neuroendocrine peptides – Minority supplement Mentor: George Koob	\$344,760
NIH/NIDDK R03 DK064871 (Role: PI) 2003-2006 Role of the CRF ₂ receptor in ingestive behavior	\$563,100
NIH/NIDDK P01 DK267401 (Role: Co-PI; P01 PI: Vale) 2004-2009 Biology of neuroendocrine peptides Project 4: CRF and urocortins in ingestive and stress-related behaviors	\$354,000
NIH/NIDA R01 DA017097 (Role: Co-PI; w/ F. Weiss) 2004-2009 Dysregulation of brain stress systems and susceptibility to relapse	\$486,000
NIH/NIAAA P60 AA006420 (Role: Co-PI; w/ F. Weiss) 2004-2007 CNS effects of alcohol: Cellular neurobiology	\$277,217

NIH/NIDA R01 DA04043 (Role: Co-PI; w/ G.F. Koob) 2004-2010 Central mechanisms of opiate reinforcement and dependence	\$348,000
NIH/NIDDK R21 DK072169 (Role: Co-PI; w K. Janda) 2006-2008 Immunopharmacotherapy as a strategy to modify feeding	\$180,048
NIH/NIDDK R01 DK070118 (Role: PI) 2006-2012 Urocortins, Brain CRF ₂ receptors, and energy balance	\$1,714,999
NIH/NIDDK R21 DK077616 (Role: PI) 2006-2008 Programmed adiposity: genetic, in utero and postnatal determinants	\$503,138
McDonald's (Role: MPI; w/K. Janda) 2007-2008 Obesity and feeding behavior (unrestricted grant)	\$25,000
McDonald's (Role: MPI; w/K. Janda) 2008-2009 Obesity and feeding behavior (unrestricted grant)	\$25,000
GlaxoSmithKline SFP-1780 (Role: MPI, w/ K. Janda) 2008 Active immunization against ghrelin	\$234,000
NIH/NIDDK R01 DK079896 (Role: PI) 2008-2012 Galanin Control of Food Intake: Molecular, Neuroanatomical and Behavioral Bases	\$963,229
TRDRP 17RT-0095 (Role: co-PI; w/ G.Koob) 2008-2012 Nicotine self-administration in an animal model	\$183,843
USAMRAA (DoD) PT074076 (Role: PI) 2008-2009 Enduring Effects of Traumatic Stress on Brain Neuropeptide Y (NPY) and Corticotropin-Releasing Factor (CRF)	\$279,600
NIH/NIAAA P60 AA006420 (Role: PI of Component) 2008-2012 CNS effects of alcohol: Cellular neurobiology Zorrilla Component 8: Director	\$1,093,099
NIH/NIDDK R01 DK070118-S1 and -S2 (Role: PI) 2009-2011 Urocortins, Brain CRF ₂ receptors, and energy balance-Supplement	\$144,097
NIH/NIDDK R01 DK079896-01A2S2 (Role: PI)	\$33,932

2009

Galanin control of food intake: Molecular, neuroanatomical and behavioral bases - supplement

NIH/NIDDK P01 DK026741 (Role: Project Director; P01 PI: Vale/Montminy) \$682,875

2010-2015

Biology of Neuroendocrine Peptides

Project: Behavioral significance of neuroendocrine peptides

NIH.NCRR S10 RR027483 (Role: Co-PI; w/N. Gekakis) \$100,106

2011-2012

QNMN system for whole body composition analysis of live mice

NIH/NIDDK R01DK094026 (Role: PI) \$745,735

2012-2014

Brain interleukin-18 control of food intake and energy expenditure

DoD/Gallo W81XWH-12 (Role: PI) \$288,220

2013-2015

Role of extended amygdala corticotropin-releasing factor and dynorphin brain systems in post-trauma ethanol use disorders

NIH/NIAAA P60 AA006420 (Role: Component Lead) \$1,146,278

2013-2017

CNS effects of alcohol: Cellular neurobiology

Neuroendocrinology Component Director

NIH/NIAAA T32 AA007456 (Role: Co-Director; w/Parsons/Taffe) 7 postdoctoral slots

2014-2017

Neuropsychopharmacology – Multidisciplinary Training

NIH/NIAAA P60 AA006420 (Role: Deputy Scientific Director/Component Lead) \$1,044,900

2018-2022

CNS effects of alcohol: Cellular neurobiology

Deputy Scientific Director

Lead, Neurocircuitry Component

NIH/NIAAA T32 AA007456 (Role: Co-Director; w/M. Roberto) 7 postdoctoral slots

2018-2022

Neuropsychopharmacology – Multidisciplinary Training

DoD/PASA AS170014-A5 (co-PI; w/M. Roberto) \$37,110

2019-2021

Preclinical testing of FKBP5 Inhibitors for alcohol use disorder-PTSD comorbidity

NIH/NIAAA R01 AA027700 (Role: co-I) \$199,490

2019-2025 (no cost extension)

Neuroimmune mechanisms in stress and alcohol comorbidity

NIH/NIDA R21 DA046865 (Role: PI) \$532,125

2020-2023

Extrahypothalamic PPARs and compulsive food intake

NIH/NIMH R21 MH124036 (Role: PI) 2021-2023 TRAPping loss of control in binge eating	\$488,125
NIH/NIAAA R01 AA028879 (Role: PI) 2021/12/2025 Dorsal striatal phosphodiesterase 10A and compulsive ethanol use	\$2,012,625
NIH/NIDA R01 DA055017 (Role: co-I until PI N. Suto left Scripps) 2022-2024 Extensive drug histories result in compulsive appetite: functional identification or punishment-reactive neural network re-organization in the rostromedial tegmental nucleus (RMTg)	\$52,500
NIH/NIAAA/Office of the Director R01 AA028879-S1 (Role: PI) 2022-2025 All of Us Extramural Program to Advance Research – Genetics of phosphodiesterase in AUD	\$133,123
NIH/NIAAA P60 AA006420 (Role: Deputy Scientific Director, Component Lead, Co-Lead Animal Models Core) 2023-12/2027 CNS effects of alcohol: Cellular neurobiology Lead, Neurocircuitry Component Deputy Scientific Director / Co-I, Administrative Core Co-Lead, Animal Models Core	~\$1,204,370
NIH/NIAAA T32 AA007456 (Role: Co-Director; w/M. Roberto) 2023-2027 Neuropsychopharmacology – Multidisciplinary Training	7 postdoctoral slots
NIH/NIAAA R21 AA029498-01A1 (Role: PI) PPARdelta receptors and alcohol use phenotypes 2023 – 2025	\$479,438

In Revision

NIH/NIDDK R01 DK141174 2025-2029 Brain TRH-Degrading enzyme and diet-induced obesity Impact Score: 24%ile	Budget: \$3,416,760
NIH/NIDA T32 DA062586-01 Predoctoral Training Grant 2025-2029 Addiction Training in Discovery, Computation, and Translation to Medicine Impact Score: 38 (unknown percentile)	Budget: \$1,667,677

PRESENTATIONS

Invited Presentations and Seminars:

- 2001 American College of Neuropsychopharmacology Study Group, The CRF-R2 receptor as a drug target. Waikoloa Beach, HI [presenter and discussant].
- 2003 European College of Neuropsychopharmacology, 16th Congress, CRF₁ receptor antagonists for anxiety. Prague, Czech Republic. European Neuropsychopharmacology, 13 Suppl. 4, S130-S131 [presenter].
- 2005 American College of Neuropsychopharmacology, Not your mother's CRF: type 2 urocortins, selective CRF₂ receptor agonists, reduce excessive ethanol drinking and overeating. Waikoloa Beach, HI. Neuropsychopharmacology, 30 (Suppl. 1), S29 [presenter].
- 2006 The Scripps Research Institute Neuroscience Seminar Series, Towards understanding the molecular basis of binge eating and finickiness, La Jolla, CA [presenter].
- 2007 Wayne State University Department of Psychiatry and Behavioral Neuroscience Grand Rounds, The corticotropin-releasing factor/urocortin peptide family: pathophysiologic and therapeutic relevance of an ancient brain stress system", <http://www.med.wayne.edu/psychiatry/cme/presentation/April%202007/April18.html>, Detroit, MI [presenter].
- 2007 Rudd Center for Food Policy and Obesity, Yale University, Food addiction and obesity, New Haven, CT [symposium].
- 2007 Pfizer Study Group on Obesity and Cardiovascular Disease, Pfizer Inc., Groton, CT [symposium], October 1-2, 2007.
- 2007 NIDDK Intrauterine Environment and Obesity Workshop, National Institutes of Diabetes and Digestive and Kidney Disorders, Rockville, MD, November 27-28, 2007 [presenter and symposium].
- 2008 American Society for Nutrition/Experimental Biology 2008, Food addiction: Fact or fiction, San Diego, CA, April 8, 2008 [invited symposium participant].
- 2008 American College of Neuropsychopharmacology 47th Annual Meeting, Addiction-like recruitment of brain stress systems in rats intermittently eating palatable food, Scottsdale, AZ, December, 7-11, 2008 [symposium].
- 2009 Society of Biological Psychiatry 64th Annual Scientific Convention and Meeting. CRF1 system involvement in the "dark side" of compulsive eating, Vancouver, Canada, May 14-16, 2009 [symposium].
- 2009 Military Health Research Forum 2009, Neuroadaptations in stress-related peptidergic brain systems following social defeat stress, Kansas City, MO, August 14-16, 2009 [symposium].
- 2009 Reuben Fleet Science Center 2009, Compulsive eating and addiction-like

- neuroadaptations, San Diego, CA, October 5, 2009 [presenter]
- 2012 Behavior, Biology, and Chemistry: Translational Research in Addiction 2012, Progress in CRF1 antagonist development: A target at a crossroad, San Antonio, CA, March 3, 2012 [plenary speaker]
- 2012 National Hispanic Science Network on Drug Abuse 12th Annual Conference “Bridging the Gap in Behavioral Health Services for Latinos” 2012, Anxiety-like behavior and changes in CRF and NPY systems of rats during withdrawal from chronic intermittent ethanol exposure: Timing is everything, San Diego, CA, September 28, 2012 [symposium]
- 2013 Research Society on Alcoholism 2013, TP-10, Targeting phosphodiesterases (PDEs) and toll-like receptor 4 (TLR4) for treatment of alcohol use disorders, Orlando, FL, June 23, 2013 [chair and speaker].
- 2014 West Virginia University Medical School, A novel role for brain phosphodiesterase 10A in ethanol withdrawal and reinforcement, Morgantown, WV, February 12, 2014 [speaker].
- 2014 Addiction Medicine Review Course 2014, California Society for Addiction Medicine, “Food and addiction workshop” Anaheim, CA, September, 2014 [symposium].
- 2015 Addiction Medicine State of the Art 2015, California Society for Addiction Medicine, “Neurobiology of food addiction,” Synapse to Society: Addiction Medicine State of the Art 2015, San Francisco, CA, October, 2015 [plenary speaker].
- 2018 Dorris Neuroscience Center Seminar Series, “Stress systems and sex in the biology of compulsive eating,” The Scripps Research Institute, La Jolla, CA, January, 2018 [presenter].
- 2018 UCSD Eating Disorders Center, “The dark side of compulsive eating,” University of California-San Diego, March, 2018 [presenter]
- 2020 Pharmacotherapies for Alcohol and Substance Abuse Consortium (PASA) Investigator Meeting, “Preclinical testing of FKBP5 Inhibitors for alcohol use disorder-PTSD comorbidity”, May 29, 2020 [presenter].
- 2021 American College of Neuropsychopharmacology, Negative Urgency: Construct, alcohol model and SNPs, December, 2021 [symposium]
- 2022 Research Society on Alcoholism 2022, Pharmacological and genetic evidence of a role for PDE10A in alcohol use, Orlando, FL, June 28, 2022 [symposium].
- 2022 Corcept Investigators Conference 2022, Role of glucocorticoid receptors in compulsive eating, Half Moon Bay, CA, September 14-16, 2022 [presenter]
- 2023 Pharmacotherapies for Alcohol and Substance Abuse Consortium (PASA) Investigator Meeting, Miami, FL (virtual), June 2, 2023 [presenter]
- 2023 National Institutes of Health All of Us Extramural Program to Advance Research Symposium (virtual), Dorsal striatal phosphodiesterase10A and compulsive ethanol use:

All Of Us Genomics Supplement, September, 2023 [presenter]

- 2023 Scripps Research Department of Molecular Medicine Retreat, Overlapping molecular controls of problematic alcohol and food intake, October, 2023.
- 2024 Pharmacotherapies for Alcohol and Substance Abuse Consortium (PASA) Investigator Meeting, Miami, FL (virtual), "Benztropine reduces reacquisition of ethanol self administration in rats with stress history: Relation with central amygdala Fkbp5 expression", May 31, 2024 [presenter]
- 2025 National Institutes of Health All of Us Extramural Program to Advance Research Symposium (virtual), January 29-30, 2025 [invited presenter]
- 2025 Harvard University, Endocrinology Grand Rounds, Beth Israel Deaconess Medical Center, Date: 2025 (TBD) [invited presenter]

Additional Conference Presentations:

1. **Zorrilla, E.P.**, Shah, S., Kessler, J., Lieberman, H., Redei, E., 1995. Sexually dimorphic effects of neonatal environmental disruptions on depressive behavior and pituitary-adrenal hormone functioning of the adult rat. Society for Neuroscience, 25th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 21, abstr# 1686.
2. Rittenhouse, P.A., **Zorrilla, E.P.**, McGivern, R.F., Redei, E., 1996. Restraint stress produces region specific changes in rat brain prepro-TRH 178-199, a proposed novel corticotropin release inhibiting factor. Society for Neuroscience, 26th Annual Meeting, Washington DC. Society for Neuroscience Abstracts, 22, abstr# 1341.
3. **Zorrilla, E.P.**, Redei, E., 1996. Neonatal handling increases behavioral despair and acoustic startle responses. Society for Neuroscience, 26th Annual Meeting, Washington DC. Society for Neuroscience Abstracts, 22, abstr# 463.
4. Spina, M., **Zorrilla, E.P.**, Basso, A.M., Balducci, C., Merlo-Pich, E., Rivier, J., Vale, W. and Koob, G.F., 1997. Comparison of behavioral effects of central urocortin or CRF infusion. Society for Neuroscience, 27th Annual Meeting, New Orleans. Society for Neuroscience Abstracts, 23, abstr# 521.
5. **Zorrilla, E.P.**, Schulteis, G., Ormsby, A.L., Klaasen, A., Koob, G.F. and De Souza, E.B., 1997. Urocortin's effects on acquisition of spatial navigation in a Morris maze vary with task difficulty. Society for Neuroscience, 27th Annual Meeting, New Orleans. Society for Neuroscience Abstracts, 23, abstr# 1764.
6. Weiss, F., Richter, R.M., Basso, A.M., **Zorrilla, E.P.**, Balducci, C., Gessa, G.L. and Koob, G.F., 1997. Different behavioral and pharmacological profiles in Sardinian alcohol preferring and non-preferring rats. Society for Neuroscience, 27th Annual Meeting, New Orleans. Society for Neuroscience Abstracts, 23, abstr# 2390.
7. **Zorrilla, E.P.**, Schulteis, G., Ling, N., Koob, G.F. and De Souza, E.B., 1998. Performance-enhancing effects of corticotropin-releasing factor-binding protein ligand inhibitors. Society for Neuroscience, 28th Annual Meeting, Los Angeles. Society for Neuroscience Abstracts, 24, abstr# 590.

8. Valdez, G.R., **Zorrilla, E.P.**, Koob, G.F. and Weiss, F., 2000. Influence of protracted ethanol abstinence on corticotropin-releasing factor systems and the HPA axis in dependent rats. Society for Neuroscience, 30th Annual Meeting, New Orleans. Society of Neuroscience Abstracts, 26, abstr# 674.15.
9. Valdez, G.R., Inoue, K., Koob, G.F., Rivier, J., Vale, W.W. and **Zorrilla, E.P.**, 2001. Human urocortin II: effects of a novel, selective CRF-R2 receptor agonist on anxiety and motor activation in rats. Society for Neuroscience, 31st Annual Meeting, San Diego. Society for Neuroscience Abstracts, 27, abstr# 850.
10. **Zorrilla, E.P.**, Inoue, K., Reinhardt, L.E., Valdez, G.R., Tabarin, A., Rivier, J., Vale, W.W. and Koob, G.F., 2001. Anorectic effects of human urocortin II, a selective type 2 CRF receptor agonist. Society for Neuroscience, 31st Annual Meeting, San Diego. Society for Neuroscience Abstracts, 27, abstr# 850.
11. Inoue, K., Valdez, G.R., Reinhardt, L.E., Tabarin, A., Rivier, J., Vale, W.W., Koob, G.F. and **Zorrilla, E.P.**, 2001. Anorectic effects of human urocortin II, a novel, selective Type 2 CRF receptor agonist, in the rat. Collegium Internationale Neuro-Psychopharmacologicum Regional Meeting, Hiroshima. International Clinical Psychopharmacology, 2002, 17(Suppl. 2).
12. Carrillo, C.A., **Zorrilla, E.P.**, Koob, G.F., 2001. The effects of naltrexone, an non-selective opiate receptor antagonist, on the consumption of sweetened food and solutions. AAAS Annual Meeting & Science Innovation Exposition, San Francisco, 167, abstr# A85.
13. Inoue, K., **Zorrilla, E.P.**, Tabarin, A., Valdez, G.R., Iwasaki, S., Kiriike, N. and Koob, G.F., 2002. Persistent reduction in anxiety-like behavior following restricted feeding in the rat. Society for Neuroscience, 32nd Annual Meeting, Orlando FL. Society for Neuroscience Abstracts, 28, abstr# 188.6.
14. Tabarin, A.C., Catargi, B., **Zorrilla, E.P.**, Inoue, K., Monsingean, M., Roberts, A.J., Bale, T.L., Lee, K.F., Vale, W.W. and Koob, G.F., 2002. Role of corticotrophin-releasing-hormone receptor Type 1 in the modulation of feeding behavior. Society for Neuroscience, 32nd Annual Meeting, Orlando FL. Society for Neuroscience Abstract, 28, abstr# 320.11.
15. Valdez, G.R., **Zorrilla, E.P.**, Rivier, J., Vale, W.W. and Koob, G.F., 2002. Behavioral effects of urocortin III, a novel, highly selective CRF-2 receptor agonist, in animal models of anxiety. Society for Neuroscience, 32nd Annual Meeting, Orlando FL. Society for Neuroscience Abstracts, 28, abstr# 683.8.
16. **Zorrilla, E.P.**, Tabarin, A.C., Inoue, K., Valdez, G.R., Catargi, B., Roberts, A.J., Reinhardt, L., Lee, K.F. and Vale, W.W., 2002. Stress-induced anorexia does not require Type 1 corticotropin-releasing factor receptor activation. Society for Neuroscience, 32nd Annual Meeting, Orlando FL. Society for Neuroscience Abstracts, 28, abstr# 772.5.
17. Tabarin, A., Catargi, B., **Zorrilla, E.P.**, Inoue, K., Monsaingean, M., Roberts, A.J., Bale, T.L., Lee, K.-F., Vale, W.W., Koob, G.F., 2002. Modulation of feeding behavior by corticotropin-releasing factor receptor 1. The Endocrine Society, 84th Annual Meeting, San Francisco CA. Program & Abstracts of The Endocrine Society's 84th Annual Meeting, San Francisco, CA, June 19-22, 2002, abstr# OR43-5.

18. Fekete, E.M., **Zorrilla, E.P.**, Mason, B.J., Wirsching, P., Janda, K.D. and Koob, G.F., 2003. Anxiolytic-like effects of type 1 corticotropin-releasing factor receptor antagonists in the rat defensive burying test. Society for Neuroscience, 33rd Annual Meeting, New Orleans. Society for Neuroscience Abstracts, 29, abstr# 538.13.
19. **Zorrilla, E.P.**, Valdez, G.R., Inoue, K., Fekete, E.M., Rivier, J., Vale, W.W. and Koob, G.F., 2003. Central administration of urocortin 3, a type 2 corticotropin-releasing factor receptor agonist, suppresses food intake without malaise in the rat. Society for Neuroscience, 33rd Annual Meeting, New Orleans. Society for Neuroscience Abstracts, 29, abstr# 928.7.
20. Richardson, H.N., **Zorrilla, E.P.**, Rivier, C., 2003. Sexually dichotomous stress responsivity following prenatal stress exposure. Society for Neuroscience, 33rd Annual Meeting, New Orleans. Society for Neuroscience Abstracts, 29, abstr# 506.18.
21. Tabarin, A.C., Chaves Y.D., Catargi, B.N., Roberts, A.J., Parker, G.C., **Zorrilla, E.P.**, Inoue, K., Coscina, D.V., Kieffer, B.L., Koob, G.F., 2004. Resistance to diet-induced obesity in μ -opioid receptor deficient mice. The Endocrine Society, 86th Annual Meeting, New Orleans. Program & Abstracts of The Endocrine Society's 86th Annual Meeting, New Orleans, LA, June 16-19, 2004, abstr# OR2-6.
22. Chen, S.A., **Zorrilla, E.P.**, Kitamura, O., Koob, G.F., 2004. Intra-amygdala infusion of a CRF antagonist reduces heroin self-administration in rats with unlimited drug access. FASEB Meeting, FASEB Journal, 30, abstr# 635.6.
23. Tabarin, A.C., Chaves Y.D., Catargi, B., Roberts, A.J., Parker, G.C., **Zorrilla, E.P.**, Inoue, K., Coscina, D.V., Kieffer, B.L., Koob, G.F., 2004. Resistance to diet-induced obesity in mu-opioid receptor deficient mice. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 30, abstr# 147.7.
24. Nie, Z., **Zorrilla, E.P.**, Roberts, A.J., Koob, G.F., Siggins, G.R., 2004. A CRF1 receptor antagonist blocks the ethanol enhancement of GABAergic transmission in the mouse central amygdala by a presynaptic mechanism. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 30, abstr# 234.1.
25. Sabino, V., Zhao, Y., Steardo, L., Cottone, P., Koob, G.F., Bowen, W.D., **Zorrilla, E.P.**, 2004. Sigma receptor modulation of voluntary ethanol intake in rats. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 30, abstr# 489.8.
26. **Zorrilla, E.P.**, Rivier, C.L., Roberts, A.J., Koob, G.F., 2004. Rats selectively bred for high stress responsiveness exhibit greater body weight and increased saccharin and ethanol intake. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 30, abstr# 580.11.
27. Ghazizadeh, S., **Zorrilla, E.**, Parsons, L.H., Koob, G.F., 2004. Mecamylamine increases extracellular CRF levels in the central nucleus of the amygdala of nicotine-dependence rats. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 30, abstr# 708.8.
28. Fekete, E.M., Zhao, Y., Sabino, V., Rivier, J., Vale, W.W., Koob, G.F., **Zorrilla, E.P.**, 2004. Hypothalamic and medial amygdala infusions of urocortin 3 elicit site-specific effects on feeding in rats. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for

Neuroscience Abstracts, 30, abstr# 763.23.

29. Specio, S.E., **Zorrilla, E.P.**, O'Dell, L.E., Boutrel, B., Smith, R.T., Grant, Y., Koob, G.F., 2004. Systemic administration of CRF1 receptor antagonists decrease cocaine self-administration in escalated and non-escalated rats. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 30, abstr# 777.11.

30. Chen, S.A., O'Dell, L.E., Hoefer, M.E., **Zorrilla, E.P.**, Koob, G.F., 2004. Changes in drug, food and water intake patterns in rats with 23-h daily access to heroin self-administration represent independent indices of the transition to opiate dependence. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 30, abstr# 805.9.

31. Inoue, K., Tabarin, A., Valdez, G.R., Iwasaki, S., Muramatsu, T., Kiriike, N., Koob, G.F., **Zorrilla, E.P.**, 2004. Leptin suppresses the rebound hyperphagia induced by chronic restricted feeding in rats. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 30, abstr# 893.23.

32. Greenwell, T.N., **Zorrilla, E.P.**, Koob, G.F., 2004. Microinfusion of a corticotropin-releasing factor receptor antagonist into the bed nucleus of the stria terminalis attenuates defensive burying behavior. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 30, abstr# 1027.12.

33. Zhao, Y., Fekete, E.M., Brennan, M., Mattock, M., Rivier, J., Vale, W.W., Koob, G.F., **Zorrilla, E.P.**, 2004. Intracerebroventricular urocortin 3 lacks the anxiety-like properties of corticotropin-releasing factor 1 receptor agonists in rats. Society for Neuroscience, 34th Annual Meeting, San Diego. Society for Neuroscience Abstracts, 30, abstr# 1027.14.

34. Monsaingeon, M., Diz-Chaves, Y., **Zorrilla, E.P.**, Kieffer, B., Corcuff, J.-B., Roberts, A.J., Koob, G.F., Tabarin, A., 2005. Modulation of feeding behavior by the endogenous mu opioid system. The Endocrine Society, 87th Annual Meeting, San Diego CA. Program & Abstracts of The Endocrine Society's 87th Annual Meeting, San Diego, CA, June 4-7, 2005, abstr# P3-164.

35. O'Dell, L.E., Grant, Y., Smith, R.T., Specio, S.E., Richardson, H.N., **Zorrilla, E.P.**, Azar, M.R., Markou, A., Koob, G.F., 2005. Intermittent access to escalating nicotine doses results in higher intake than continuous access to a single dose in a self-administration rat model of nicotine dependence. Tobacco-Related Disease Research Program, 15 Years of Progress in the Fight Against Tobacco, Los Angeles CA.

36. Zhao, Y., Fekete, E.M., Li, C., Vale, W.W., **Zorrilla, E.P.**, 2005. Social defeat stress increases c-fos expression in rat brain: partial colocalization with CRF2 receptor mRNA in the medial amygdala. Society for Neuroscience, 35th Annual Meeting, Washington DC. Society for Neuroscience Abstracts, 31, abstr# 57.4.

37. Aujla, H., **Zorrilla, E.P.**, Weiss, F., 2005. Increased stress reactivity in the shock-probe burying test in Wistar rats following extended but not short access to cocaine or food self-administration. Society for Neuroscience, 35th Annual Meeting, Washington DC. Society for Neuroscience Abstracts, 31, abstr# 202.17.

38. Chen, A.M., **Zorrilla, E.P.**, Smith, S.M., Rousso, D.L., Levy, C.L., Donaldson, C.J., Roberts, A.J., Koob, G.F., Lee, K., Vale, W.W., 2005. Urocortin 2 knock-out mice exhibit gender-specific alterations in circadian HPA axis and depressive-like behavior. Society for

Neuroscience, 35th Annual Meeting, Washington DC. Society for Neuroscience Abstracts, 31, abstr# 242.9.

39. Sabino, V., Cottone, P., Koob, G.F., Steardo, L., **Zorrilla, E.P.**, 2005. Repeated exposure to social defeat threat produces persistent posttraumatic stress-like behavior in male rats. Society for Neuroscience, 35th Annual Meeting, Washington DC. Society for Neuroscience Abstracts, 31, abstr# 307.20.

40. Fekete, E.M., Zhao, Y., Sabino, V., Rivier, J., Vale, W.W., Koob, G.F., **Zorrilla, E.P.**, 2005. Systemic urocortin 2, but not urocortins 1 or 3, potently suppresses feeding via CRF2 receptors without malaise. Society for Neuroscience, 35th Annual Meeting, Washington DC. Society for Neuroscience Abstracts, 31, abstr# 529.17.

41. Cottone, P., Sabino, V., Koob, G.F., Steardo, L., **Zorrilla, E.P.**, 2005. FG7142, a benzodiazepine receptor inverse agonist, reduces meal size and sustained eating rate in female rats. Society for Neuroscience, 35th Annual Meeting, Washington DC. Society for Neuroscience Abstracts, 31, abstr#532.22.

42. Greenwell, T.N., Grant, Y., Funk, C.K., **Zorrilla, E.P.**, Richardson, H., Koob, G.F., 2005. Systemic administration of a corticotropin-releasing factor-1 receptor antagonist decreases heroin self-administration in escalated, but not nonescalated, rats. Society for Neuroscience, 35th Annual Meeting, Washington DC. Society for Neuroscience Abstracts, 31, abstr# 801.17.

43. O'Dell, L.E., Yanabel, G. [sic], Smith, R.T., Specio, S.E., **Zorrilla, E.P.**, Markou, A., Koob, G.F., 2005. Intermittent access to escalating nicotine doses results in higher intake than continuous access to one dose in an extended-access self-administration rat model. Society for Neuroscience, 35th Annual Meeting, Washington DC. Society for Neuroscience Abstracts, 31, abstr# 1027.8.

44. González-Cuevas, G., Haujla, H., **Zorrilla, E.P.**, López-Moreno, J.A., Navarro, M., Weiss, F., 2006. Cannabinoid agonist win 55,212-2 during cocaine deprivation alters cocaine-seeking behavior. Federation for European Neurosciences, 5th Forum of European Neuroscience, Vienna, Austria, July 8-12.

45. Cottone, P., Sabino, V., Steardo, L., **Zorrilla, E.P.**, Highly limited access to sugary, palatable food leads to opioid-dependent binge eating and anticipatory negative contrast effect in female rats. Program#/Poster# 768.3/LL152006. Neuroscience Meeting Planner. Atlanta, GA: Society for Neuroscience, 2006. Online.

46. Funk, C.K., **Zorrilla, E.P.**, Koob, G.F. Corticotropin-releasing factor receptor type 1 (CRF1) antagonists reduce excessive ethanol self-administration in withdrawn, ethanol-dependent rats. Program#/Poster# 193.4/NN63. Neuroscience Meeting Planner. Atlanta, GA: Society for Neuroscience, 2006. Online.

47. Richardson, H.N., Funk, C.K., Grant, Y., **Zorrilla, E.P.**, Koob, G.F. A corticotropin-releasing factor type 1 receptor antagonist attenuates excessive drinking in alcohol-dependent rats. Program # 783.4. Neuroscience Meeting Planner. Atlanta, GA: Society for Neuroscience, 2006. Online.

48. Zhao, Y., **Zorrilla, E.**, Weiss, F., Spontaneous and stress-induced anxiety-like behavior during ethanol protracted withdrawal: long-term impact of alcohol dependence.

Program#/Poster# 194.2/NN79. Neuroscience Meeting Planner. Atlanta, GA: Society for Neuroscience, 2006. Online.

49. Sabino, V., Cottone, P., Steardo, L., Rice, K.C., **Zorrilla, E.P.** Sigma (σ) receptors modulate ethanol self-administration in Sardinian alcohol-preferring (sP) rats. Program#/Poster# 768.2/LL14. Neuroscience Meeting Planner. Atlanta, GA: Society for Neuroscience, 2006. Online.

50. Fekete, É.M., Zhao, Y., Sabino, V., Rivier, J., Vale, W.W., Koob, G.F., **Zorrilla, E.P.** Urocortin 2, but not urocortins 1 or 3, suppress feeding via CRF2 receptors without malaise. European Congress on Obesity Satellite: Nutrition, Metabolism and the Brain, April 26-27, 2007. Tihany, Hungary.

51. **Zorrilla, E.P.**, Sanchez-Alavez, M., Sugama, S., Brennan, M., Fernandez, R., Bartfai, T., Conti, B. Interleukin-18 controls energy homeostasis by suppressing appetite and feed efficiency. Program No. 630.10. 2007 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007. Online.

52. Weiss, F., Zhao, Y., **Zorrilla, E.P.** Long-lasting alteration of anxiety-like behavior in rats following ethanol withdrawal in rats: relation to extrahypothalamic expression of corticotropin-releasing factors. Program No. 809.9. 2007 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007. Online.

53. George, O., Ghozland, S., Azar, M.R., **Zorrilla, E.P.**, Parsons, L.H., O'Dell, L.E., Richardson, H.N., Koob, G.F. Activation of crf-crf1 system during nicotine withdrawal increases anxiety-like behavior and motivation for nicotine. Program No. 275.5. 2007 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007. Online.

54. Sabino, V., Cottone, P., Steardo, L., Rice, K.C., **Zorrilla, E.P.** Effect of a sigma receptor antagonist in animal models of excessive ethanol intake. Program No. 270.4. 2007 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007. Online.

55. Cottone, P., Sabino, V., Pockros, L., Nagy, T.R., Rivier, J.E., Coscina, D.V., **Zorrilla, E.P.** Feeding microstructure in diet-induced obesity susceptible vs. resistant rats: central effects of urocortin 2. Program No. 523.3. 2007 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007. Online.

56. Laplante, K.A., Coscina, D.V., Cottone, P., Rivier, J.E., **Zorrilla, E.P.** Urocortin II produces delayed-onset feeding suppression that is negatively correlated with prior fasting respiratory quotients. Program No. 523.4. 2007 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007. Online.

57. Cottone, P., Sabino, V., Steardo, L., **Zorrilla, E.P.** Intermittent preferred food access reduces the reinforcing efficacy of chow in rats. Program No. 197.18. 2008 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2008: Online.

58. Alboni, S., Cervia, D., Ross, B., Tascadda, F., Sanchez-Alavez, M., **Zorrilla, E.**, Conti, B. Hypothalamic action of interleukin-18. Program No. 280.10. 2008 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2008: Online.

59. Frihauf, J.B., Fekete, E.M., Zorrilla, E.P. Maternal high-fat diet increases adiposity and glucose intolerance in adult offspring of obesity-resistant (DR) rats, 17th Annual Meeting of the Society for the Study of Ingestive Behavior, Portland, Oregon. 2009.
60. Power, M.L., Williams, L.E., Gibson, S.V., Schulkin, J., Helfers, J., **Zorrilla, E.P.**, CRH concentrations across pregnancy in non-human primates. 32nd Meeting of the American Society of Primatologists, San Diego, CA, September 18-21, 2009.
61. Laplante, K.A., Czaja, A., Coscina, D.V., Rivier, J.E., **Zorrilla, E.P.**, Selective antagonism of brain receptors for corticotrophin releasing factor prevent suppression of respiratory quotient induced by urocortin 2. Program No. 374.12. 2009 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online.
62. Frihauf, J.B., Fekete, E.M., **Zorrilla, E.P.**, Novel hypothalamic genes are differentially expressed in genetic and maternal diet-induced models of obesity risk 2. Program No. 374.14. 2009 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online.
63. Parylak, S.L., Cottone, P., Sabino, V., **Zorrilla, E.P.**, Altered endocannabinoid signaling and binge-like feeding in rats with limited access to high fat diet. Program No. 374.24. 2009 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online.
64. Logrip, M.L., Steardo, L., Jr., Sabino, V., Cottone, P., Steardo, L., Sr., **Zorrilla, E.P.**, Social defeat stress differentially regulates kappa opioid receptor and prodynorphin expression in the nucleus accumbens and basolateral amygdala. Program No. 469.13. 2009 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online.
65. Fekete, E.M., Frihauf, J.B., Cottone, P., Sabino, V., Leos, B., **Zorrilla, E.P.**, Intracerebroventricular urocortin 2-induced anorexia is attenuated by high fat diet and obesity risk genotype. Program No. 470.13. 2009 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online.
66. Cottone, P., Sabino, V., Roberto, M., Bajo, M., Pockros, L., Frihauf, J., Fekete, E., Steardo, L., Rice, K., Grigoriadis, D., Conti, B., Koob, G., **Zorrilla, E.P.**, CRF system recruitment mediates dark side of compulsive eating. Program No. 470.22. 2009 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online.
67. Frihauf, J.B., Fekete, E.M., **Zorrilla, E.P.**, Novel hypothalamic genes are differentially expressed in genetic and maternal diet-induced models of obesity risk 2. Brain Research Meeting: Neural Mechanisms of Ingestive Behavior and Obesity. Chicago, IL: October, 2009.
68. Fekete, E.M., Frihauf, J.B., Cottone, P., Sabino, V., Leos, B., **Zorrilla, E.P.**, Intracerebroventricular urocortin 2-induced anorexia is attenuated by high fat diet and obesity risk genotype. Brain Research Meeting: Neural Mechanisms of Ingestive Behavior and Obesity. Chicago, IL: October, 2009.
69. Parylak, S.L., Cottone, P., Sabino, V., **Zorrilla, E.P.**, Altered endocannabinoid signaling and binge-like feeding in rats with limited access to high fat diet. Brain Research Meeting: Neural Mechanisms of Ingestive Behavior and Obesity. Chicago, IL: October, 2009.
70. Vendruscolo, L.F., Misra, K.K., Barbier, E., Heilig, M., **Zorrilla, E.P.**, Koob, G.F., Antecedent anxiety predicts compulsive-like alcohol drinking in rats. Program No. 365.5. 2010

Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2010. Online.

71. Fekete, E.M., Frihauf, J.B., Parylak, S.L., Kim, Y.Y., Xia, F.C., Lu, X., **Zorrilla, E.P.**, Lack of the galanin type 1 receptor only subtly reduces food intake and body weight gain in mice chronically fed a high-fat diet. Program No. 498.22. 2010 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2010. Online.

72. Ha, Y., Saul, A., **Zorrilla, E.**, Ganapathy, V. and Smith, S.B. Functional and morphological analysis of retinas of sigma receptor 1 (σ R1) null mice. Invest. Ophthalmol. Vis. Sci. Abstract #3711, 2010

73. Ha, Y., Saul, A., Bollinger K., Roon, P., Tachikawa, M., **Zorrilla E.**, Ganapathy, V. Smith, S.B. Analysis of retinal structure and function in mice lacking the sigma receptor 1 (σ R1). Retinal Neurobiology FASEB Summer research conference, Saxton's River, VT., July 2010.

74. Ha, Y., **Zorrilla, E.**, Williams, C., Ganapathy, V., and Smith, S.B. Transient elevation of BiP/GRP78 is associated with early preservation of sigma receptor 1 (σ R1) null mouse retina. Invest. Ophthalmol. Vis. Sci. Abstract #5442, 2011.

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SELECTED EXTERNAL REVIEWS AND PRESS OF MY WORK

- 2005 Publication received invited commentary and “Most Read” status (*Am J Physiol*. 2005. 288: R1450-67 by Geary N. *Am J Physiol Regul Integr Comp Physiol*. 2005. 288:R1444-6).
- 2006 Publication received Faculty1000 Prime recommendation <https://f1000.com/prime/1048352> and invited commentaries (*Science*. 2006. 314: 825-8 by Saper C, *Science*. 2006. 314:773-4 and Verico CD, *Physiology* 22: 70-72, 2007).
- 2006 Publication received “Cover”, “Most-Frequently Read Articles status” (*Proceedings of the National Academy of Sciences*. 2006. 103: 13226-13231) and invited commentaries by Zigman JM, Elmquist JK, *Proceedings of the National Academy of Sciences*. 2006. 103: 12961-12962 and Carlson MJ, Cummings DE. *Mol Interv*, 6: 249 – 252).
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- 2007 Publication received Faculty1000 Prime recommendation <https://f1000.com/prime/1060835> (*J Pharmacol Exp Ther*. 2007. 320:180-193).
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ACTIVITIES TO PROMOTE PROFESSIONAL DIVERSITY

- 1994-present Primary Scientific Mentor to 61 trainees from underrepresented minority, first-generation, and/or economically-disadvantaged backgrounds
- 1996-1997 UCSD Summer Research Program for Underrepresented Minorities, Mentor - Diego Castaneda (URM, first-gen, disadvantaged, then M.P.H. SDSU, Ph.D. UC-Berkeley, postdoc in Psychiatry, Stanford School of Medicine)
- 1998-2000 UCSD California Alliance for Minority Participation in Science, Engineering and Mathematics (CAMP) Program, Mentor - Carmen Carrillo (URM, first-gen, disadvantaged, then NSF Graduate Fellowship, M.P.H., Johns Hopkins, Ph.D. student Princeton Psychology, current DrPH student, Johns Hopkins, LA County Public Health)
- 1998-2000 Society for Advancement of Chicanos and Native Americans in Science (SACNAS), Mentor - Carmen Carrillo, SACNAS minority fellowship recipient
- 2003-present National Institute of Diabetes, Digestive and Kidney Disorders Network of Minority Research Investigators, Member.
Participation in this network facilitates scientific collaboration among URM investigators, enhances recruitment of new URM trainees and colleagues, and increases referrals, career opportunities, and retention of my own trainees.
- 2004 UCSD Upward Bound Math-Science Program for High School Students, Mentor – Minh “Alvin” Huynh (economically-disadvantaged, then B.S. and M.S., Biology, California State University-Long Beach)
- 2004 UCSD Upward Bound Math-Science Program for High School Students, Mentor – Rosie Alevas (URM and first-generation to attend 4-year university)
- 2007 MySci @ Scripps (Career recruitment activity for underrepresented high schoolers at The Scripps Research Institute), Speaker
- 2008 High School Student Summer Research Education Program at The Scripps Research Institute, Workshop Speaker
- 2009 High School Student Summer Research Education Program at The Scripps Research Institute, Mentor – Sujin Park (then B.S. Stanford University)
- 2009 High School Student Summer Research Education Program at The Scripps Research Institute, Mentor – Michelle Doyle (first-generation to attend 4-year university, B.S. Tufts University, Ph.D. Pharmacology UT-San Antonio, now post-doctoral fellow Scripps T32 / UCSD Psychiatry)
- 2010 High School Student Summer Research Education Program at The Scripps Research Institute, Mentor – Paola Odriozola (URM, then B.S. UC-Berkeley; Ph.D. Neuroscience, Yale University, now post-doctoral fellow UCLA)
- 2010 High School Student Summer Research Education Program at The Scripps Research Institute, Mentor – Gustavo Chavez (URM and first-gen then B.S. Stanford; MD/MS/PhD Stanford; now resident UC-Davis)

- 2010 McNair Scholar student, Mentor – David Howard (URM, first-gen, then B.S., Molecular and Cellular Biology, UCSD)
- 2011 TSRI SURF student, Mentor – Nathaniel Balmert (economically-disadvantaged, then M.D. Western Michigan Homer Stryker School of Medicine, now Resident, Anesthesiology, McClaren)
- 2012-present National Hispanic Science Network on Drug Abuse, Member
Participation in this network facilitates scientific collaboration among URM investigators, enhances recruitment of new URM trainees and colleagues, and increases referrals, career opportunities, and retention of my own trainees.
- 2012 National Hispanic Science Network on Drug Abuse Conference, Speaker
- 2015 Harvey Mudd Upward Bound Math-Science Program for High School Students, Mentor – Stacy Flores (URM and first-generation to attend 4-year university)
- 2016-present Co-Director, Institutional Postdoctoral Training Grant T32 AA007456 - Neuropsychopharmacology – Multidisciplinary Training.
Implemented practices to increase identification, recruitment and career development of under-represented minority, “first-generation”, economically-disadvantaged, and disabled applicants to our training program.
- 2017 UCSD MSTP SURF student - Ashley Scott (economically-disadvantaged, now Howard Hughes Medical Institute connectomics researcher)
- 2018 Harvey Mudd Upward Bound Math-Science Program for High School Students, Mentor – Ricardo Cano (URM, first-gen, disadvantaged; now UC-Berkeley, Mechanical Engineering)
- 2019 Harvey Mudd Upward Bound Math-Science Program for High School Students, Mentor – Axl Martinez (URM, first-gen, disadvantaged; completed Associate Degree, applying 4-year)
- 2020- Member, Diversity, Equity and Inclusion Committee, Subcommittee on Training and Campus Culture, The Scripps Research Institute
- 2021 UCSD MSTP SURF student – Michael Torres (URM, first-gen, now UCSF medical school)
- 2021 TSRI SURF student – Natalia Valderrama (URM, first-gen, B.S., Neuroscience and Cellular and Molecular Biology, Florida State Univ. now HCW Biologics)
- 2021 The Bishop’s School High School Summer Research Internship - Isabella Myer (URM, now pursuing B.S., Biomedical Engineering, Duke University)
- 2022 High Tech High Research Internship – Lenwood Thompson (URM)
- 2022 TSRI SURF and UPR-PRISE student - Solimar Rosado-Iglesias (URM, first-gen)

2022	<u>Harvey Mudd Upward Bound Math-Science Program for High School Students,</u> Mentor – Frankie Guox (URM, first-gen, disadvantaged)
2022	<u>Harvey Mudd Upward Bound Math-Science Program for High School Students,</u> Mentor – Vanessa Palomera (URM, first-gen, disadvantaged)
2023	<u>Harvey Mudd Upward Bound Math-Science Program for High School Students,</u> Mentor – Natalie Luu (URM, first-gen, disadvantaged)
2023	<u>Harvey Mudd Upward Bound Math-Science Program for High School Students,</u> Mentor – Joseph Patiño (URM, first-gen, disadvantaged)
2024	<u>Harvey Mudd Upward Bound Math-Science Program for High School Students,</u> Mentor – Jared Zambrano (URM, first-gen, disadvantaged)

ADDITIONAL ACADEMIC SERVICE ACTIVITIES

Member, TSRI Graduate School Admissions Committee, Biology (2021 – present)
Designated DEI Reviewer, TSRI Graduate School Admissions Committee (2022 – 2023)

Member, UCSD MSTP (MD/PhD) Medical School Admissions Committee (2013 – present)

Deputy Scientific Director, TSRI P60 Alcohol Research Center (2020 – present)

Co-Director, Animal Models Core, TSRI P60 Alcohol Research Center (2020 – present)

Co-Director, TSRI Institutional Postdoctoral Training Grant (T32 AA007456),
Neuropsychopharmacology – Multidisciplinary Training. (2016 – present)

Faculty, TSRI Institutional Postdoctoral Training Grant (T32 AA007456),
Neuropsychopharmacology – Multidisciplinary Training. (2003 – present)

Faculty, TSRI Scripps Translational Science Institute (STSI) TL1/KL2 CTSA Training Grant
(PI: E. Topol/L. Teyton)
(2013 – 2024)
Samantha Spierling

Faculty, UCSD Training Grant in Neuroscience Related to Drug Abuse (T32) (PI: V. Hook)
(2013 - 2016)
Jennifer Frihauf

Faculty, UCSD MSTP SURF/DIRM Training Grant (PI: R. Ross)
(2016 - present)
Kelsey Kines
Ashley Scott
Michael Torres

Faculty Advisor, Scripps Computational Biology and Bioinformatics Core (2024-present)

Member, Scripps Research Institute, Subcommittee on Training and Campus Culture, Diversity, Equity and Inclusion Committee (2020 – present)

Member, Molecular Medicine Seminar Committee (2021 – present)

Member, Pearson Center for Alcoholism and Addiction Research (2005 – present)

Pre-Thesis and Thesis Committee Chair, TSRI Biology

Sierra Simpson

Kokila Shankar

Ahmed Khattab (current)

Pre-Thesis and Thesis Committee Member, TSRI Biology

Jae Engle

Tianbo Qi (current)

Christina Clark (current)

Minor Proposition Committee Member, UCSD Neurosciences Graduate Group

Hanie Elfenbein

Holly Jarrell

James Jeanne

Jessica Jou

Kelly Landy

Adnan Majid

Emilie Schwager

Panid Sharifnia

Landon Klein

Norah Koblesky

Allison Caldwell

Olubankole Aladesuyi Arogundade

Emma Spillman

Grace Padilla

Yuru Song

Jasmine Kaduthodil

Shiva Lindi

Sara Zimmerman

Minor Proposition Committee Chair, UCSD Neurosciences Graduate Group

Kerin Higa

Akinori Mitani

Elischa Sanders

Amy Taylor

Graduate Student Rotation Advisor, UCSD Neuroscience Graduate Group

Sarah Parylak

Jennifer Frihauf

Rosanna Sandoval

Phoebe Young

Rebecca Han

Graduate Student Advisor, UCSD Neuroscience Graduate Group

Sarah Parylak
Jennifer Frihauf

Pre-Thesis Committee Chair, UCSD Neuroscience Graduate Group
Sarah Parylak
Jennifer Frihauf

Pre-Thesis and Thesis Committee Member, UCSD Psychology
Cara Buck