Curriculum Vitae

Personal Information

Name: Michela (Micky) Marinelli
Date of birth: January 9, 1969
Place of birth: Rome, Italy
Citizenship: Italy and USA

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Degrees

1997	Ph.D., University of Bordeaux 2, Bordeaux, France (summa cum laude) Thesis in Neuroscience and Pharmacology: "Role of glucocorticoid hormones on behavioral and dopaminergic effects of drugs of abuse".
1991	B.S. in Pharmacy, University of Rome La Sapienza, Rome, Italy (110/110 summa cum laude) Thesis in Pharmacology and Pharmacognosy: "Maternal glucocorticoid hormones and biochemical and behavioral aspects from perinatal age to adulthood in the rat".
1986	International Baccalaureate, Ecole Internationale de Genève, Geneva, Switzerland/St. Stephen's School, Rome, Italy.

Training

Nov 1997 - Apr 2000	Post-doctoral fellow (with Professor F.J. White) Neuropsychopharmacology laboratory, Dept. of Cellular and Molecular Pharmacology Finch University of Health Sciences/The Chicago Medical School, North Chicago, IL, USA *Research topics: Behavioral and electrophysiological determinants of vulnerability to addiction.*
1992-1997	Graduate student (with Professor M. Le Moal and Dr. P.V. Piazza) Laboratoire des comportements adaptatifs, INSERM U259; Université de Bordeaux 2, Bordeaux, France. *Research topics: Glucocorticoid hormones, stress, dopamine & behavioral responses to addictive drugs.*
1989-1992	Student to obtain degree in Pharmacy (with Professor L. Angelucci and Dr. A. Catalani) Istituto di Farmacologia Medica II, University of Rome "La Sapienza", Rome, Italy *Research topics: Glucocorticoid hormones and adaptive behaviors; influence of the post-natal environment on the behavior, physiology and neurochemistry of adult rats.*
1989	Trainee in pharmaceutical techniques (with Dr. R. Gallotta) Gallotta Pharmacy, Rome, Italy *Research topics: Compounding and optimization of medications.*
Sept 1989	Trainee in applied pharmacology (with Dr. N. Corsico) Bracco Pharmaceutical Industry, Milan, Italy *Research topics: Contrast media and anaphylactic reactions.*

Academic appointments

Sept 2017-now	Associate Professor, Department of Neuroscience, College of Natural Sciences
Sept 2019-May 2021	Associate Chair, Department of Neuroscience, College of Natural Sciences
Oct 2013 - 2017	Associate Professor, Division of Pharmacology and Toxicology, College of Pharmacy **The University of Texas at Austin, Austin, TX, USA** *Research topics: neuroscience of motivated behavior*
June 2010 – July 2016	Adjunct Associate Professor, Dept. of Pharmaceutical Sciences, College of Pharmacy
July 2007- July 2013	Director of Graduate Studies in Cellular and Molecular Pharmacology
Mar 2007 - Sept 2013	Associate Professor, Dept. of Cellular and Molecular Pharmacology
Aug 2003 - Mar 2007	Assistant Professor, Dept. of Cellular and Molecular Pharmacology Chicago Medical School **Rosalind Franklin University of Medicine and Science** **(formerly Finch University of Health Sciences), North Chicago, IL, USA** *Research topics: Cellular & molecular mechanisms of drug addiction* *Note: I maintained an adjunct position because I continued teaching at this institution until 2015.*
Mar 2001 - July 2003	Chargé de Recherche (French equivalent of Assistant Professor). Laboratoire des comportements adaptatifs, INSERM U259 **Université de Bordeaux 2, Bordeaux, France** *Research topics: Cellular and molecular mechanisms of vulnerability to drug addiction; Role of gene/environment interactions in vulnerability to drug addiction.*
May 2000 - Mar 2001	Research Assistant Professor, Dept. of Cellular and Molecular Pharmacology Chicago Medical School **Finch University of Health Sciences, Chicago Medical School, North Chicago, IL, USA** *Research topics: Electrophysiological correlates of vulnerability to dopamine-related disorders.*

Research Interests

Rodent models of drug addiction liability

Factors that influence vulnerability to addiction (stress, adverse events, punishment, gender, age)

Adolescence and drug addiction liability

Cellular and molecular bases of addiction

Simple and common errors in published literature

Impact and alternatives to the use of restraint and seclusion in schools and psychiatric settings

Awards

2023	Rigor Champions Prize, NINDS/NIH (awarded in 2024) – click for link
2022	Teaching Excellence Award from the College of Natural Sciences, UT Austin
2020	"Texas 10" – given to the 10 most inspiring professors at UT Austin (nominated by alumni and selected by the Alcalde magazine. These are professors that their former students, upon reflection and with the benefit of hindsight, consider having made a lasting impact on their lives). https://www.texasexes.org/about-us/awards/texas-10
2011	Faculty teaching award in Cellular and Molecular Pharmacology, Rosalind Franklin University of Medicine and Science, North Chicago, IL
2006	Board of Trustees award, Rosalind Franklin University of Medicine and Science, North Chicago, IL
2000	Travel Award, College on Problems on Drug Dependence (CPDD), to attend the 2000 Annual Meeting, San Juan, Puerto Rico

1998	Travel award, American College of Neuropsychopahrmacology (ACNP), to attend the Annual Meeting, Las Croabas, Puerto Rico, and invitation to attend meeting for five consecutive years.
May 1995	Travel award, European Behavioural Pharmacology Society (EBPS), to attend the 6th International Biennial Meeting, Forte Village Cagliari, Italy.

Memberships and Affiliations

2017-now	European Behavioural Pharmacology Society (EBPS)
2017-now	Federation of European Neuroscience Societies (FENS)
2004-now	American Society for Pharmacology and Experimental Therapeutics (ASPET)
1999-now	Society for Neuroscience (U.S.A.)
2018-2020	Travis County Youth Substance Abuse Prevention Coalition (YSAPC)
1997-2004	Société Française des Neurosciences (French Society for Neuroscience)

TEACHING

Classroom Teaching

More information on my teaching can be found here http://mickyteaching.pbworks.com/w/page/146717538/FrontPage

This includes short summaries of main courses I teach, as well as peer and student reviews.

Roles - Guest instructor: I give one or more lectures in the course. Instructor: I give one or more lectures in the course and participate in developing the curriculum for the course.

University of Texas at Austin

Overview

2017-now	Direct and teach one 3h/week course. Also teach selected lectures across diverse student bodies including undergraduate students, graduate students, students pursuing different healthcare professions, medical students, and psychiatry residents, as well as summer interns (high school students or undergraduate students).
2014-2017	Directed or co-directed one 6h/week course, two 3h/week courses, and one 4h/week course for PhD or PharmD students; additionally taught ~160 hours per year (classroom lectures/small-group exercises).

Undergraduate courses

2019-now	NEU 377, Analytical skepticism Topics: Seeing, quantifying, and presenting data, Cognitive illusions, Scientific bias, Approaches to testing a hypothesis (experimental design), Assessing probabilities, Quantifying and analyzing data, Normalizing data Link to a ~15 min talk describing the course **Role: Course creator, director, and instructor** *(3 h/wk, undergraduate students, mostly from the Neuroscience program)*
2020-now	NEU 185 and PGS 185 Responsible conduct of science Topic: Data management Role: Guest instructor (Course director: Dr. K. Nixon) *(~1.5 h/yr, graduate student from various Colleges)*
2014-2023	UGS 302 & UGS 303 Young people and drugs Topics: Animal models of addiction, factors that enhance vulnerability to addiction

Role: Guest instructor (Course director: Dr. L. Holleran)
(~3 h/yr, first year undergraduate students from various Colleges).

2014-2020 NEU 365W, Neurobiology of addiction
Topics: Psychostimulants, and (from 2019) animal models of addiction and principles in pharmacology
Role: Instructor (Course director: Dr. R.A. Harris and R.O. Messing in 2020)
(~3-6 h/yr, undergraduate students from various Colleges)

2018 NEU 335, Neural systems II
Topic: Drug addiction
Role: Guest instructor (Course director: Dr. B. Zemelman)
(2 h/yr, undergraduate students in the Neuroscience program)

Upper-division courses (College of Pharmacy, College of Natural Sciences, Dell Medical School)

2021-Now NEU 382T, Principles of Neuroscience II
Topic: Neuropeptides and neuromodulation
Role: Guest instructor (Course director: Dr. Darrin Brager, Dr. Lief Fenno)
(2 h/yr, undergraduate students in the Neuroscience program)

2024 LEADER Undergraduate Research Program
Topic: Literature analysis
Role: Guest instructor
(1 h/yr, undergraduate students in the LEADER research program)

2020-2022 PGY1 Adult Psychiatry Curriculum
Topic: Basics of evidence
Role: Course creator and instructor (Course director: Dr. S. Kotara)
(~2-4 h/yr, 1st year Psychiatry Residents from Dell Medical School)

2020-2022 MS3 ILD Innovation, Leadership, and Discovery, Research Distinction Track
Topic: Research design
Role: Creator of this section and instructor (Course directors: Dr. S. Cox, Dr. B. Nelson)
(~2-6 h/yr, 3rd year medical student from Dell Medical School)

2020-2021 Psychiatry residents, journal club
Topics: De-escalation techniques in psychiatric settings
Role: Facilitator and instructor
(~1-2 h/yr, Students in Psychiatry Residency from Dell Medical School)

2021 Addiction Psychiatry Fellowship
Topic: Neurobiology of addiction
Role: Coordinator and instructor for the section "neurobiology of addiction"
(~8 h/yr, Students in the Addiction Psychiatry Fellowship from Dell Medical School)

2020 NEU 394P, Career development for neuroscientists
Topic: The Academic System: Who is hired?
Role: Guest instructor (Corse director: Dr. R.A. Harris)
(~1.5 h/yr, graduate students and senior undergraduate students from various Colleges)

2016-2019 PHM 480C, Physiology, Pathophysiology, and Drug Targets
Topics: Seizures, Parkinson's Disease, dementias, schizophrenia, addiction, anxiety, major depressive disorder, bipolar disorder, compare and contrast neurological and psychiatric disorders, case studies
Role: Instructor (Course director: Dr. C. Van Den Berg)
(7 h/yr, PharmD students from the College of Pharmacy)

2017 S2017IPE Foundations for Inter-Professional Collaborative Practice
Topics: Small-group collaborative exercises on Motivational interviewing, Addiction care, Error disclosure, Palliative care, applying TeamSTEPPS to transitions of care, Inter-professional collaborative practice
Role: Guest instructor (Course director: Dr. V. Young)
(~18 h/yr, Medical, PharmD, Nursing, and Social Work students)

2016-2017 NEU 482T Principles in Neuroscience.
Topic: Neuropharmacology (pharmacokinetics and pharmacodynamics)
Role: Guest instructor (Course director: Dr. D. Brager)
(~2 h/yr, PhD students from the Institute for Neuroscience)

2015-2016 NEU 482T Principles in Neuroscience.
Topic: Grant writing
Role: Guest instructor (Course director: Dr. D. Brager)
(~8 h/yr, PhD students from the Institute for Neuroscience)

2014-2017 PGS 388K & NEU 385L, Pharmacological mechanisms of addiction
Topics: Animal models, Sedatives, Alcohol, Psychostimulants, Inhalants and solvents, Cannabinoids, Nicotine, Opioids, Hallucinogens, Genetics & Genomics, Medications and treatment, Hot topics
Role: Course co-director and instructor (with Dr. R.O. Messing)
(~45-6 h/yr, PhD students from the Pharmacology and Toxicology, Institute for Neuroscience, or Institute for Cellular and Molecular Biology Programs).

2014-2017 PGS 388K, PGS 380S, Principles in Experimental Design & Biostatistics
Topics: Cognitive illusions, Experimental design theory and practice, Why we need statistics, Describing & presenting data (written, graph, oral), Introduction to statistics (focus on ANOVA, Chi Square, Confidence intervals, Pearson and Spearman Correlations, Power analysis), Normalizing data theory and practice, Brief notions on Multivariate analysis
Role: Course creator, director, and instructor
(60-65 h/yr, first and second year graduate students from the Pharmacology and Toxicology, Biomedical Engineering, Nutrition, or Institute for Neuroscience Programs).

2013-2016 PGS 478Q, Oral and Written Communication for Scientists
Topics: Scientific manuscripts (abstract, introduction, methods, results, discussion), Oral presentations (style and content) for lay or scientific audiences
Role: Course co-director and instructor (with Dr. C.K. Erickson)
(4h/week PhD and MS students from different programs).

2016 PHM 685F, Pharmacotherapeutics III.
Topics: Surgical & pain, psychiatry, neurology, oncology
Role: Course director for 14 faculty across 4 UT sites
(6h/week; PharmD students across 4 UT sites: Austin, El Paso, San Antonio, Rio Grande Valley)

Rosalind Franklin University/Finch University

Chicago Medical School

2003-2015 MCMP 600A Foundations of medical pharmacology
Topics: Basic principles in pharmacology, pharmacokinetics, clinical applications of pharmacokinetics, pharmacodynamics
Role: Instructor (Course director: Dr. A. Snyder)
(7 h/yr, second year medical students)
Note: I traveled from Austin to Chicago to teach this course in 2014 and 2015

2006-2013 Cognitive Processing-Based Review for USMLE Step 1.
Topics: Pharmacokinetics, clinical applications of pharmacokinetics, pharmacodynamics.
Role: Guest instructor (Course directors: Drs. K. DiMario and G. Pullen)
(3 h/yr, medical students who have not passed USMLE step 1, from various universities)

2003-2012 MCMP 600A-C Medical pharmacology
Topics: Small group problem-solving exercises on medications used to treat: Parkinson's, hypertension, cancer, asthma, diabetes, psychopharmacology
Role: Instructor (Course director: Dr. J. Potashkin)
(~8-12 h/yr, second year medical students)

College of Health Professions and College of Pharmacy

2012-2014 YPHS 600 Basic pharmacokinetics and pharmacodynamics
Topics: Drug absorption and pharmacodynamics
Role: Guest instructor (Course director: Dr. Rahul Deshmukh)
(2h/yr, ~70 second year college of pharmacy students).
Note: I traveled from Austin to Chicago to teach this course in 2014

2012-2013 HPAS 538 Intro Clinical Med for Physician Assistants
Topic: Pharmacokinetics
Role: Guest instructor (Course director: Scott Hanes)
(2 h/yr, ~65 second year physician assistant students).

1999-2001 & 2003-2004 HPAS 601 Pharmacotherapy
Topics: Physiology of blood pressure regulation, antihypertensive drugs and diuretics
Role: Guest instructor (Course directors: Dr. A.D. Mosnaim and Ms. Stacy Hanc)
(6 h/yr, ~60 second year physician assistant students)

School of Graduate and Postdoctoral Studies

2011-2013 GIGP 514 Principles in Experimental Design & Biostatistics
Topics: Cognitive illusions, The scientific method, Basic statistical principles, Presenting data
Role: Course creator, director, and instructor
(~25-30 h/yr, PhD students from the IGPBS program).

2009-2013 GCMP608 Research skills beyond the bench
Topics: Scientific meetings, manuscripts, grants, research administrative duties
Role: Course creator, director, and instructor
(~20-30 h/yr, PhD from various departments).

2007-2013 GIGP 502 MCB II Molecular and Cellular Biology II
Topics: Principles of biomolecular action
Role: Instructor (Course director: Dr. D. Mueller)
(~9 h/yr, PhD students from the IGPBS program).

2005-2013 GCMP 601 and GCMP 602 Neuropharmacology I & II
Topics: Basic principles in pharmacology, techniques in neuropharmacology, experimental design
Role: Instructor (Course director: Dr. A.D. Mosnaim)
(~10 h/yr, PhD students from various departments).

2006, 2012 CGS 724 Ethics in biomedical research (discussant)
Topics: scientific fraud, record-keeping, authorship
Role: Discussant (Course director: Dr. L. Eliot)
(~2 h/yr, PhD students from various programs).

2005-2006 MTD 710 Brain frontiers: Advanced topics in neuroscience research
Topics: Addiction, brain and behavior
Role: Gust instructor (Course director: Dr. L. Eliot)
(6 h/yr, PhD students from the neuroscience interdepartmental program).

2004-2006 Director of the Journal Club series, Dept. Cellular & Molecular Pharmacology

Other Universities

2017 College of Pharmacy, University of Binghamton, Binghamton, NY
Role: Trained local Assistant Professor on approaches to teach pharmacokinetics, clinical applications in pharmacokinetics, and pharmacodynamics
(in-person visit for 2 days, plus online/email exchanges across 3 months)

9 Mar 2005 ANAT 521 Plasticity and regeneration
Topic: Neuroadaptations of the dopamine system that may increase vulnerability to addiction. University of Illinois at Chicago, Chicago, IL.
Role: Guest instructor (Course director: Dr. J.R. Unnerstall)
(1h, PhD students from the department of anatomy and cell biology).

15 Mar 2004 M5330 Med Sci I
Topic: Approaching addiction mechanisms through dopamine cell excitability. The University of Michigan, Ann Arbor, MI
Role: Guest instructor (Course director: Dr. T.E. Robinson)
(1 h, PhD students from the neuroscience program).

2002-2003 Theories of drug dependence, mechanisms of drug action. University of Bordeaux 1, Talence, France.
Role: Instructor (Course director: Prof. J.M Cabelguen)
(6 h/yr, students of the "préparation à l'aggregation" - special university program to prepare for the highest French teaching government tenured position in sciences of life and earth).

Nov 2001 The use of electrophysiology in neuroscience research. University of Bordeaux 2, Bordeaux, France
Role: Course creator and instructor
(1.5 h/yr, PhD students from the neuroscience and pharmacology program).

Dec 2000 Statistics and data analysis. University of Bordeaux 2, Bordeaux, France
Role: Course creator and instructor
(2.5 h, PhD students from the neuroscience and pharmacology program).

Community Teaching at UT Austin or local schools

2018-now Coordinated the learning experiences or taught students from "Women in Neuroscience" during their summer internships (2018-2020) and provided various lectures and training opportunities after that (2021-2023). The foundation helps women, minority and economically disadvantaged students, to pursue studies and careers in neuroscience. My role included coordinating and giving lectures, training, and discussions on research skills, data management, and career choices. It also included weekly reflections, lunch meetings, and discussions to ensure student progress and expectations were being met (duration of commitment varies across years, from minimum of ~2h to maximum of ~40h)

2021-2023 Lectured with live "online" demonstrations on animal models of addiction to high school students in the UT Summer Discovery Neuroscience course

2021 Provided a "writing workshop" (7 lectures of ~1h each) for junior faculty, postdocs, and graduate students covering: information processing, manners to describe data, and structure of a paper (sentences, paragraphs, overall)

2018-2019 "Science" – course for summer interns from different UT Austin programs (high school, undergraduate, minority fellowships, etc…). The course introduced students to the scientific method, scientific bias, reading, interpreting, and presenting data, and data management. (6 h/week for 6 weeks in 2018; ~10 h total in 2019)

2018, 2019 Hosted the "behavioral neuroscience" section for the INS bootcamp for students in the interdepartmental neuroscience graduate program, UT Austin

2014 PGSA event: Q&A panel regarding interview process for positions in academia, UT Austin

2014 "Faculty survival" series: "What I wish I had been told when I joined the College of Pharmacy faculty", UT Austin

2014	Sponsored and helped students in the Public Health program with their participation in the College of Natural Science "Think Big" Competition. The project focused on implementing an effective pharmaceutical take-back program
2006-2012	Seminars on drug addiction (emphasis on alcohol and/or tobacco) to: Baker Elementary School (grade 7) 3/29/2012 Barrington High School (grades 11-2) 11/14/2007 Beach Park Middle School (grade 8 gifted and talented) 3/20/2007 Benton-Zion High School (grade 12) 02/03/2010 Deerfield High School (AP biology, grades 9-12, grade 12) 2/6/2009, 3/5/2010 Forrestal Elementary School (grade 5) 09/18/2010 Hart Elementary School (grades 4-5) 12/8/2008 Lake County Baptist High School (grades 11-12) 05/13/2008 Libertyville High School (grades 11-12) 4/25/2007 University of Wisconsin Park Side, Doctors of Our Community (grades 11-12) 8/7/2006, 8/3/2009 University of Illinois Extension: Science exploration camp (ages 11-13) 7/28/06 Waukonda High School (grades 11-12) 11/7/2006 Wheeling Park District (ages 11-13) 7/19/2006
2009	Annual Kids 1st Health Fair, Miguel Juarez Middle School (via RFUMS outreach program)
Feb 2007	Seminar on drug addiction and functions of the brain. Northwestern University, Center for Talent Development, Saturday Enrichment Program. Woodland Intermediate School, Gurnee, IL
July 2006	Seminar on drug addiction to LeadAmerica (grades 8-12)
Oct 2001	Seminar and round-table discussion on drug addiction to high school students. Lycée Val de Garonne, Marmande, France.
Oct 2001	Lecture and discussion with high school students on drugs of abuse: risks, epidemiological studies, mechanisms of drug action, animal research. Lycée Saint St Exupéry, Parentis en Born, France.

Student Development

Student Training

Graduate and postdoctoral training

2020-2022	Adriana Gregory-Flores	Master's Student, Institute for Neuroscience, UT Austin
2020-2021	Lauren Smith	Postdoctoral fellow, Dept. of Neuroscience (NIAAA Training grant held in the College of Pharmacy, UT Austin) *Current position: Senior Scientist at Drug Hunter, Palo Alto, CA*
2014-2019	Adam Gordon	PhD Student, Institute for Neuroscience, UT Austin (NSF fellowship) *Current position: Postdoc. fellow with Dr. Garret Stuber, Univ. Washington, WA*
2014-2018	Matthew Pomrenze	PhD Student, Institute for Neuroscience, UT Austin (NSF fellowship) **Co-Advisor with Dr. R.O. Messing** *Current position: Postdoctoral fellow with De. Malenka, Standford University, CA*
2015-2016	Anna Mutti	Visiting Master's student from the University of Trento, Italy
2014-2016	Ryan Will	PhD Student, Dept. of Psychology, UT Austin, **Co-Advisor with Dr. J. Dominguez** *Current position: Data scientist at NetSpend*
2013	Robert Twining	Postdoctoral fellow, Dept. of Cellular & Molecular Pharmacology, Rosalind Franklin University, **Advisor** *Current position: Res. Assistant Prof. Marquette University, Milwaukee, WI*
2009-2012	Vivian Wong	MD/PhD Student, Dept. of Cellular & Molecular Pharmacology,

		Rosalind Franklin University, **Advisor** *Current position: Dermatologist at Harvard Medical Faculty Physicians*
2007-2011	James McCutcheon	Postdoctoral fellow, Dept. of Cellular & Molecular Pharmacology, Rosalind Franklin University, **Advisor** *Current position: Professor in Biological Psychology, Department of Psychology, UiT The Arctic University of Norway, Tromsø, Norway*
2004-2008	Kelly Conrad	PhD Student, Dept. of Neuroscience, Rosalind Franklin University, **Co-Advisor** with Dr. Wolf *Current position: Medical Science Director for Addiction at Alkermes*

Participation to student training (Student supervisor but not official student advisor)

2004-05	Charles Rudick	PhD Student, Neuroscience Program, Northwestern University Dr. Heckmann advisor *Current position: Assistant Professor of Clinical Pharmacology & Toxicology, Indiana State University*
2001-2003	Frédéric Ambroggi	PhD Student - Thesis in neuroscience & pharmacology, Dr. Piazza advisor *Current position: Adjunct Assistant Professor, UCSF*
1998-2001	Cindy Brandon	PhD Student, Dept. of Cellular Biology and Anatomy, Dr. White advisor *Deceased. Previous position: Medical Information Specialist, Takeda Pharmaceuticals*

Rotation students and undergraduate research students (* paid employee in my lab)

2024-now	Alisha Spears	BS	Neuroscience, UT Austin
2023-now	Anjana Reddy	BS	Neuroscience, UT Austin
2022-now	Lauren Sukhu	BS	Polymathic, Biology, UT Austin
2019-now	Sofia Piperno*	BS	Neuroscience, UT Austin
2019-now	Jason Tsai*	BS	Neuroscience, UT Austin
2023	Zorana Opachich	PhD	Neuroscience, UT Austin
2021-2023	Lulu Eisenberg*	BS	Neuroscience, UT Austin
2022-2023	Nicholas Russell	PhD	College of Pharmacy, UT Austin
2022-2023	Willa Scanlon	BS	Plan II's Honor's. School of Social Work, UT Austin
2022-2023	Kris Hipolito	BS	Polymathic Scholars Honor's Program UT Austin
2020-2023	Aarushi Sharma	BS	Neuroscience, UT Austin
2021-2022	Sabuhee Abdulrahman Zafar	BS	Neuroscience, UT Austin
2021-2022	Sreya Yalamanchili	BA	Plan II Honor's program, UT Austin
2020-2022	Roxanna Shababi	BS	Neuroscience, UT Austin
2020-2021	Mazmu Islam	BS	Neuroscience, UT Austin
2020-2021	Stephanie Noble-Hernandez	BS	Neuroscience, UT Austin
2020-2021	Sarah Muir	BA	Plan II Honor's program, UT Austin
2020-2021	Neerul Gupta	BS	Psychology, UT Austin
2020-2021	Ishana Syed	BS	Neuroscience, UT Austin
2020	Peyton Demetrovich	PhD	Neuroscience, UT Austin
2019	Leah Truckenbrod	PhD	Neuroscience, UT Austin
2018	Meredith Ramba	BS	Minerva College
2017	Emma Brockway	PhD	Neuroscience, UT Austin
2017	Adrian Bates	PhD	Neuroscience, UT Austin
2018	Mary Fang	BS	Neuroscience, UT Austin
2017-2018	Lydia Fennell*	BS	Neuroscience, UT Austin
2017	Adrian Bates	PhD	Neuroscience, UT Austin

2017	Emma Brockway	PhD	Neuroscience, UT Austin
2017	Luis Barrientos	BS	Neuroscience, UT Austin
2016	Uzma Ahmed	PharmD	College of Pharmacy, UT Austin
2016	Philip Lambeth	PhD	Neuroscience, UT Austin
2016	Katy Seloff	PhD	Neuroscience, UT Austin
2015	Sahare Wazirali	BS	Neuroscience, Social inequality, Health policy, UT Austin
2015	Haoming Jiang	PhD	College of Pharmacy, UT Austin
2014	Isaac Perales	PharmD	College of Pharmacy, UT Austin
2011	Mark Bamman	MD	Summer Research Fellowship, RFUMS
2010	Dylan Burdette	PhD	IGPBS, RFUMS
2009	Ben Bienia	BS	Lake Forest College
2009	Staphanie Feld	BS	Lake Forest College
2009	Bobby Hodges	BS	Lake Forest College
2009	Michael DeMeyer	PhD	IGPBS, RFUMS
2008	Krishna GanapathySubramanian	PhD	IGPBS, RFUMS
2008	Wai Chong Wong	PhD	IGPBS, RFUMS
2008	Karen Goldfarb	PhD	IGPBS, RFUMS
2006-2008	Steven Carr	MD	Summer Research Fellowship; MD with distinction, RFUMS
2006-2008	Harbinder Khangura	MD	Rotation to gain research experience, RFUMS
2004-05	Vipin Yadav	PhD	Cellular and Molecular Pharmacology, RFUMS
2004	Alexander Dec	PhD	Neuroscience, RFUMS
2003-04	Kelly Conrad	PhD	Neuroscience, RFUMS
2000	Somnath Basu	PhD	Neuroscience, RFUMS
1999	Kiryaki Sidiropoulu	PhD	Neuroscience, RFUMS
1998	Mark Fons	PhD	Cellular and Molecular Pharmacology, RFUMS
1997	Frank Soury	BS	Physiology, INSERM
1996	Bruno Aouizerate	MS	Neuroscience & pharmacology, INSERM
1996	Fréderic Piat	MS	Neuropharmacology & drug addiction, INSERM
1995	Sandrine Colpaert	BS	Physiology, INSERM
1995	Michèle Brun	MS	Neuropharmacology & drug addiction, INSERM
1994	Stéphane Le Maux	MS	Neuropharmacology & drug addiction, INSERM

RFUMS: Rosalind Franklin University (or its former name: Finch University of Health Sciences)
IGPBS: Interdisciplinary graduate program in biomedical sciences
INSERM: Institut national de la santé et de la recherche médicale

High school students or Undergraduate student summer interns (UT Austin)

Summer 2023	Maria Rangel	Women in Neuroscience
Summer 2023	Nikita Jacob	Women in Neuroscience
Summer 2022	Aundrea Hodges	Women in Neuroscience
Summer 2018	Kayla Zinsmeyer	Ann Richards High School, Women in Neuroscience
Summer 2018	Pritika Paramasivam	Westwood High School, WCAAR summer internship
Summer 2018+19	Rishob Gupta	Westwood High School, WCAAR summer internship
Fall 2017	Sebastian Cordrey	UT/Crockett High School Internship Program
Summer 2017	Niveya James	Summer High School Research Academy Program
Summer 2016; 2019	Lorraine-Rana Benhamou	WCAAR internship; Kaplan Hillman scholar, Women in Neuroscience

Student Committees

Thesis Committees

Years	Student	Degree	Lab	Dept	Univ
2023-now	Bailey Remmers	PhD	Dobbs	Neuroscience	UT Austin, TX
2018-2023	Dylan Kirsh	PhD	Lippard	Neuroscience	UT Austin, TX
2014-2020	Adam Gordon	PhD	Marinelli	Neuroscience	UT Austin, TX
2019	Isis Gil Miravet	PhD	Miquel	Psychology	Univ. Jaume I, C. Plana, Spain
2017-2019	Joel Shillinglaw	PhD	Morrisett	Pharm/Tox	UT Austin, TX
2017-2018	Phillip Lambeth	PhD	Morrisett	Neuroscience	UT Austin, TX
2014-2018	Matthew Pomrenze	PhD	Messing	Neuroscience	UT Austin, TX
2017	Alicia Avelar	PhD	Beckstead	Neuroscience	UT San Antonio, TX
2014-2106	Shannon Zandy	PhD	Gonzales	Pharm/Tox	UT Austin, TX
2014-2016	Ryan Will	PhD	Dominguez	Psychology	UT Austin, TX
2013-2016	Emily Hankosky*	PhD	Gulley	Psychology	Univ. Ill Champaign Urb, IL
2011-2015	Daniel Thomases	PhD	Tseng	Cell & Molec Pharm	RFUMS, IL
2011-2015	Andrew Scheyer	PhD	Wolf	Neuroscience	RFUMS, IL
2010-2015	Shannon Blume	PhD	Rosenkranz	Cell & Molec Pharm	RFUMS, IL
2011-2012	Stephanie Ebner	PhD	Roitman	Psychology	Univ. Illinois Chicago, IL
2012	Marguerite Matthews	PhD	Moghaddam	Neuroscience	Univ. Pittsburgh, PA
2010-2011	Holden Brown	PhD	Ragozzino	Neuroscience	Univ. Illinois Chicago, IL
2009-2013	Wei Zhang	PhD	Rosenkranz	Cell & Molec Pharm	RFUMS, IL
2009-2012	Wai Chong Wong	MD/PhD	Marinelli	Cell & Molec Pharm	RFUMS, IL
2009-2012	Xuan Li	PhD	Wolf	Neuroscience	RFUMS, IL
2009-2012	Xiaoting Wang	PhD	Wolf	Neuroscience	RFUMS, IL
2007-2010	Alexander Dec	PhD	West	Neuroscience	RFUMS, IL
2007-2010	Jeremy Reimers	PhD	Wolf	Neuroscience	RFUMS, IL
2007-2009	Woojin Song	MS/PhD	Kosson	Psychology	RFUMS, IL
2006-2010	Amy Herrold	PhD	Napier	Pharmacology	Loyola University, IL
2006-2008	Amanda Raskowski	PhD	Urban	Psychology	RFUMS, IL
2005-2010	Robin Voigt	PhD	Napier	Pharmacology	Loyola University, IL
2005-2007	Maud Morshedi	MD/PhD	Meredith	Cell & Molec Pharm	RFUMS, IL
2005	Amy Herrold	MS	Napier	Pharmacology	Loyola University, IL
2005	Lionel Dahan	PhD	Chouvet	Neuroscience	University Lyon, France
2004-2008	Evgenia Megalou	PhD	Frost	Cell Bio & Anatomy	RFUMS, IL
2004-2008	Kelly Conrad	PhD	Wolf/Marinelli	Neuroscience	RFUMS, IL
2004-2007	Amy Boudreau	MD/PhD	Wolf	Neuroscience	RFUMS, IL
2004-2005	Anna Hallbergson	MD/PhD	Peterson	Neuroscience	RFUMS, IL
2004	Danting Liu	MS	West	Neuroscience	RFUMS, IL
2003-2005	Charles Rudick	PhD	Heckman	Neurobiol/Physiol	Northwestern Univ., IL
2002-2005	Frédéric Ambroggi	PhD	Piazza	Neurosci/Pharm	Univ Bordeaux, France

* NIH/NRSA co-mentor

Qualifying exam Committees

At UT Austin students have their qualifying exams in 2 portions: a general knowledge portion and a specialized knowledge portion. As Graduate Advisor I sit on half of the exams for each of the two portions (i.e. about 5-6 students for the general knowledge portion and 5-6 students for the specialized knowledge portion). In addition to this, I am a member of the qualifying exam committee for some students, listed below. Those with a "*" are the general knowledge portion only.

2023	Britt Mardis*	PhD	Phelps	Neuroscience	UT Austin, TX
2023	Kat Motovilov*	PhD	Brager & Colgin	UT Austin, TX	UT Austin, TX

2022	Hioroichi Yoshida*	PhD	Seidemann	Neuroscience	UT Austin, TX
2022	Bailey Remmers	PhD	Dobbs	Neuroscience	UT Austin, TX
2022	Yuezhang Liu*	PhD	Wei	Neuroscience	UT Austin, TX
2018	Nicole Keller	PhD	Dunsmoor	Neuroscience	UT Austin, TX
2018	Emma Brockway	PhD	Drew	Neuroscience	UT Austin, TX
2018	Dylan Kirsh	PhD	Lippard	Neuroscience	UT Austin, TX
2017	Joel Shillinglaw	PhD	Morrisett	Pharm/Tox	UT Austin, TX
2017	Phillip Lambeth	PhD	Morrisett	Neuroscience	UT Austin, TX
2016	Adam Gordon	PhD	Marinelli	Neuroscience	UT Austin, TX
2015	Tira Meyers	PhD/MS	Morrisett	Pharm/Tox	UT Austin, TX
2015	Matthew Pomrenze	PhD	Messing	Neuroscience	UT Austin, TX
2011	Shannon Blume	PhD	Rosenkranz	Cell & Molec Pharm	RFUMS, IL
2009-2013	Wei Zhang	PhD	Rosenkranz	Cell & Molec Pharm	RFUMS, IL
2009-2012	Wai Chong Wong	MD/PhD	Marinelli	Cell & Molec Pharm	RFUMS, IL
2009-2012	Xuan Li	PhD	Wolf	Neuroscience	RFUMS, IL
2009-2012	Xiaoting Wang	PhD	Wolf	Neuroscience	RFUMS, IL
2006-2010	Steven Carr	MD	Marinelli	MD with distinction	RFUMS, IL
2006	Randy Leitermann	PhD	Urban	Neuroscience	RFUMS, IL
2006	Jeremy Reimers	PhD	Wolf	Neuroscience	RFUMS, IL
2005, 2006	Alexander Dec	PhD	West	Neuroscience	RFUMS, IL
2004-2007	Michael Vercillo	MD	Meredith	MD with distinction	RFUMS, IL
2004	Kelly Conrad	PhD	Wolf/Marinelli	Neuroscience	RFUMS, IL
2003, 2004	Victor Marinescu	PhD	Frost	Cell & Molec Pharm	RFUMS, IL
2003, 2004	Evgenia Megalou	PhD	Frost	Cell Bio & Anatomy	RFUMS, IL

SERVICE

Service to the Scientific Community

Community

2023-now Board member for "Women in Neuroscience". The foundation helps women, minority and economically disadvantaged students, to pursue studies and careers in neuroscience.

2022-now Member of the PAIMI council in Texas (PAIMI: Protection and Advocacy for Individuals with Mental Illness). Under the PAIMI program, protection and advocacy agencies like Disability Rights Texas are authorized to investigate abuse and neglect and rights violations in all public and private facilities and community settings, including hospitals, nursing facilities and group homes – and to oversee the effectiveness of state agencies that license and regulate these programs.

Government board membership

2015-2021 Member of the board of Scientific Counselors for the National Institute of Drug Abuse (NIDA)/NIH

Grant reviews (ad hoc reviewer)

Sept 2022 Texas Education Agency (TEA), Texas Council for Developmental Disabilities, RFA "Treatment for substance use disorders, No. 2022-11".

Sept 2019 Internal UT Austin competition to select applicant for Johnson & Johnson Women in STEM^{2}D Scholars Award.

Mar 2019 NIH, BRAIN initiative PAR 18-814_2019 NIH [ZRG1 RPHB-W (53)] RFA-RM-17-008: NIH director's early independence award review (mail

Mar 2018	NIH [ZRG1 RPHB-W (53)] RFA-RM-17-008: NIH director's early independence award review (mail format)
Nov 2017	NIH [ZRG1 IFCN-L(56)] PAR panel: Synthetic psychoactive drugs and strategic approaches to counteract their deleterious effects (Virtual CHR) – ***study section chair***
Nov 2016	NIH [RG1 MDCN-C (04) M] (AED review format) Stress and Drug Addiction Pharmacology
Nov 2015	NIH/NIDA CEBRA grants [ZDA1 JXR-G(11)] (AED review format)
Feb 2015	NIH study section (BRLE, Biobehavioral Regulation, Learning and Ethology)
Oct 2014	NIH study section (DBD, Developmental Brain Disorders)
Oct 2013	NIH study section (ZRG1 PMDA, Neurobiology, genetics, stress and mood/anxiety disorders)
Mar 2013	NIH/NIDA CEBRA grants [ZDA1 SXC-E (13) 1] (AED review format) – ***study section chair***
Nov 2012	NIH/NIDA CEBRA grants [ZDA1 SXC-E (09) 1] (AED review format)
Mar 2012	NIH Special Emphasis Panel/Scientific Review Group on Developmental Pharmacology [ZRG1 CB-L (55) R)] (AED review format)
Mar 2012	NIH/NIDA CEBRA grants [ZDA1 SXC-E (11) 1] (AED review format)
Feb 2012	Rosalind Franklin University Pilot Grants for collaborative research
Jan 2012	NIH Specialized Centers of Research (SCOR) on Sex Differences (P50) [ZRG1 EMNR-Q (50) R1] (stage 1 review)
Dec 2011	NIH/NIGMS Special Emphasis Panel/Scientific Review Group for Minority Biomedical Research (MBRS) program [ZGM1 MBRS-7]
June 2010	Department of Defense pre-proposal grants FY10 PRMRP
Mar 2010	NIH/NIDA CEBRA grants [ZDA1 GXM-A (13) 1] (AED review format)
July 2009	NIH Competitive Revision Grants in Health and Science Research, part of the American Recovery and Reinvestment Act of 2009 (AED review format).
July 2009	NIH Fellowship grants for Neurosciences in Behavioral Neuroscience (F02A) (i.e. NRSAs).
June 2009	NIH Challenge Grants in Health and Science Research, part of the American Recovery and Reinvestment Act of 2009 (stage 1 review).
Jan 2009	Natural Sciences and Engineering Research Council of Canada Discovery Grants
July 2008	NIH/NIDA Special Emphasis Panel, Centers Review Committee [ZDA1 RXL - E(02)]
Nov 2007	NIH/NIDA Special Emphasis Panel, Centers Review Committee [ZDA1 RXL - E(02)]
July 2007	NIH/NIDA RFA on Extinction and Pharmacotherapies for Drug Addiction [RFA-DA-07-010]
May 2007	Neurological Foundation of New Zealand Project Application
Feb 2007	NIH study section (NMB, Neurobiology of Motivated Behavior)
Nov 2006	Neurological Foundation of New Zealand Project Application
Feb 2005	NIH study section (BRLE, Biobehavioral Regulation, Learning and Ethology)

Service to Societies or Organizations

2017-2023	Councilor, European Behavioural Pharmacology Society (EBPS)
2013-2020	Monthly participant in "Austin Humanists at Work", providing needed goods to persons experiencing homelessness in the Austin community (set up tables and assembly line serving our patrons, organized distribution of goods and food, interacted with patrons)
2006-2008	Secretary of the Chicago Chapter of the Society for Neuroscience (SfN).
2005-2007	Organizer, with Dr. Celeste T. Napier, of "Chicago Dopamine & Friends", designed to promote interactions amongst Chicago-land scientists who are interested on the topic of "dopamine".

2004-2006	Councilor for the Great Lakes Chapter of the American Society for Pharmacology and Experimental Therapeutics (ASPET).
2006	Chair of the Psychopharmacology Social, Society for Neuroscience meeting, Atlanta, GA

University Committees and service

UT Austin

University or College

2024-now	Member of the teaching awards committee for the College of Natural Sciences
2017-now	Substitute member of IACUC (no commitment, as I never had to substitute so far)
2017-2018	Member and part of the organizing team for the "pop-up institute" led by Dr. Lori Holleran Steiker titled: "Towards Solving the Problem of Substance Misuse and Addiction among Youth and Emerging Adults". This culminated with a month-long series of events that included daily talks and a final "summit". http://sites.utexas.edu/youthsubstancemisuse/

Department of Psychiatry

2017-2019	Leader or participant in meetings (twice per month) to help faculty in the department of psychiatry formulate grants (faculty submit grant or Specific Aims page, and either I or Dr. Strakowski or Dr. Nemeroff lead the discussion to help faculty create a solid proposal).

Department of Neuroscience or Institute for Neuroscience (now Interdepartmental Neuroscience Program)

2024-now	Chair of the curriculum committee for the graduate program in neuroscience,
2020-now	Graduate advisor (together with J. Lewis Peacock or J. Dunsmoor), INP graduate program
2020-now	Teaching committee, Undergraduate studies (together with Drs. M. Drew, J. Mihic, R. Corfas, R. Messing)
2022-now	Member of the teaching awards committee for the Department of Neuroscience
2018-2024	Reviewer of annual Faculty Annual Report “FAR” for Neuroscience (member of committee 2018-2023 & chair of committee 2019, 2020, 2022, 2023)
2019-now	Member (2019-2023) or chair (2022, 2023) of committees for 6-year review and mid-term probationary review for different faculty members
2015-2018, 2020-2024	Member of the Executive Committee for the Institute for Neuroscience
2023	Member of promotion & tenure committee for 1 faculty member
2022-2023	Member of the faculty search committee for faculty in Neuroscience (committee chair: N. Priebe)
2019-2021	Associate chair of Neuroscience
2020	Member of faculty search committee for teaching faculty (committee chair: M. Drew)
2019	Member of faculty search committee for general faculty search (committee chair: N. Golding)
2018	Member of faculty search committee for computational neuroscientist (committee chair: A. Huk)
2017	Member of faculty search committees for the WCAAR (committee chair: R.O. Messing)

College of Pharmacy

2016-2017	Member of the “Pharmacotherapy taskforce” committee to revise PharmD curriculum
2015-2017	Member of the Graduate Studies Admissions committee (Div. Pharmacology and Toxicology)
2015-2017	Member of the Academic Support Committee
2014-2017	Member of the Financial Aid Committee, College of Pharmacy
2014-2015	Member of the “College of Pharmacy Research Excellence Day” Review Committee
2014-2015	Chair of Workgroup (Graduate and postdoctoral education/training) for the College’s Strategic Plan

Rosalind Franklin University/Finch University

University

2006-2013 Member of the Rules Committee
2007-2012 Member of the Compensation Committee and subcommittee for data analysis
2006-2011 Member of IACUC
2005-2006, 2010 Member of the committee to revise university bylaws
2005-2006 Organizer of the remodeling of the behavioral space for Biological Resource Facility
2005-2006 Member of the committee to revise procedures for obtaining tenure

Chicago Medical School

2011-2013 Member of the Faculty Appointments, Promotions, and Tenure (FAPT) committee
2005-2010 Member of the ad hoc appeals board for SEPAC
2008-2009 Member of the Gold Humanism in Medicine Honor Society selection committee.
2006-2008 Member of the Vertical Integration Group: General/Introductory Principles

School of Graduate and Postdoctoral Studies

2011-2013 Member of the Graduate Curriculum Committee
2007-2013 Director of Cellular & Molecular Pharmacology Graduate Program
2010-2011 Member of the Interdisciplinary Graduate Program for Biomedical Sciences (IGPBS) advisory board

Department of Cellular and Molecular Pharmacology

2007-2013 Member of the Cellular & Molecular Pharmacology Graduate Student Oversight Committee
2003-2008 Member of the Space Committee, Dept. Cellular & Molecular Pharmacology
2004-2007 Member of the Recruitment Committee, Dept. Cellular & Molecular Pharmacology
2005-2006 Member of the Workload Committee. Dept. Cellular & Molecular Pharmacology
2004-2005 Member of the Departmental Faculty Evaluation committee

INSERM U.259

2001-2002 Head of animal quarters, INSERM U.259, Bordeaux, France (responsibilities included: hiring of the animal keeper, transforming the facility to comply with European Norms, verifying daily function, participating in the animal care committee meetings of the University of Bordeaux 2).

2001-2002 Organizer of the Seminar Series for INSERM U.259, Bordeaux, France

Manuscript reviews/editorial boards (approximately 5-24 papers per year, according to the year)

Behavioral Brain Research
Behavioral Neuroscience
Behavioural Pharmacology
Biochemical Pharmacology
Biological Psychiatry
Developmental Neuroscience
Drug & Alcohol Dependence
European Journal of Neuroscience #
European Journal of Pharmacology
Frontiers in Addiction Research *
Neuropsychoendocrinology
Neuropsychopharmacology
Neuron
Neuroscience
Neuroscience & Biobehavioral Reviews
Neuroscience Letters
Neurotoxicology
North American Journal of Psychology
Pharmacology Biochemistry and Behavior
Physiology and Behavior
Proceedings of the National Academy of Sciences
Psychopharmacology
Synapse
The Journal of Addictive Diseases

The Journal of Neurophysiology
The Journal of Neuroscience
The Journal of Pharmacology and Experimental Therapeutics
* Scientific Review Associate
# Reviewing Editor

RESEARCH AND SCHOLARSHIP

Grants & Fellowships

Pending

2024-2026 NIH/NIDA (R03DA062825) "The lateral preoptic area: a novel regulator of VTA activity and cocaine seeking Age and sex-differences in reward responding after punishment", $100,000 direct costs. Role: PI (04/01/2024-03/31/2026). Score: 22, 8th percentile.

Active

2017-2025 NIH/NIDA (R01DA042206) "The lateral preoptic area: a novel regulator of VTA activity and cocaine seeking", $1,187,500 direct costs. Role: PI (08/01/2017-07/31/2022 no cost extension to 07/31/2025)

Completed

2018-2023 DoD (PR171296) "Protein Kinase C Epsilon Inhibitors to Treat Pain", $1,104,861 direct costs. Role: Co-I (PI: R.O. Messing and J. Levine), (08/09/2018-08/31/2021, no cost extension 08/21/2023)

2017-2020 NIH/NIDA (R03 DA044562) "Crossing an electric barrier to obtain cocaine: age and sex difference", $100,000 direct costs. Role: PI (08/15/2018-07/31/2019, no cost extension to 07/31/2020)

2014-2017 NIH/NIDA (1R01 DA036978) "Cellular basis of nicotine-induced aversion", $420,000 direct costs. Role: Co-I (PI: D.S. McGehee) (04/01/14 - 03/31/19, my portion until 03/31/17)

2012-2016 NIH/NIDA (R21DA031916) "Risk of cocaine addiction after methylphenidate plus SSRI combination treatment", $275,000 direct costs. Role: PI (05/01/12 - 04/30/14, no cost extension 04/30/16)

2011-2014 NIH/NIDA (1R21 DA031577) "Afferents modulating VTA activity and their plasticity after self-administration", $250,000 direct costs. Role: PI (06/01/11 - 05/31/13, no cost extension 05/31/14)

2011-2013 Seed grant (Brain Research Foundation) "Habenular modulation of dopamine neurons and its relevance for cocaine addiction", $40,000 direct costs. Role: PI (10/01/11-09/30/12, no cost extension to 8/31/13)

2006-2012 NIH/NIDA grant (5R01 DA020654) "Adolescent cocaine abuse: electrophysiology & behavior", ~$975,000 direct costs. Role: PI (07/01/2006-06/30/2011, no cost extension to 06/30/2012)

2009-2011 NIH/NIDA competitive revision application (3R01 DA020654-04S1), part of the American Recovery and Reinvestment Act of 2009, $250,000 direct costs. Role: PI (09/30/2009-09/29/2011)

2009 NIH/NIDA student supplement (3R01 DA020654-03S1), part of the American Recovery and Reinvestment Act of 2009, $8,193 direct costs. Role: PI (6/15/09-8/31/09)

2005-2006 Pilot research Grant from the RFUMS/Chicago Medical School (1 year), $ 25,000 direct costs. Role: PI

2001-2002 MILDT research grant (Mission Interministérielle de Lutte contre la Drogue et la Toxicomanie; Inter-ministerial Mission Fighting against Drug and Addiction), Paris, France. Role: Co-PI, with P.V. Piazza, 60,000 euros direct costs.

1999-2001 Young Investigator Award Grant from the National Alliance for Research on Schizophrenia and Depression (NARSAD), $ 60,000. Role: PI

1997 Post-doctoral fellowship from the "Société de Secours des Amis des Sciences" (Society Aiding the Friends of Science), Paris, France.

1996	Post-doctoral fellowship from the "Fondation pour la Recherche Médicale" (Foundation for Medical Research), Paris, France. Note: Pharmacy degree in Italy allowed obtaining "post-doctoral" fellowship in France.
1992-1995	Doctoral scholarship from the Ministry of Scientific Research, Italy.
Mar-May 1994	International research fellowship from the European Science Foundation, Strasbourg, France.
Jan-Jul 1993	International research fellowship from the CNR (Consiglio Nazionale delle Ricerche; National Council on Research), Rome, Italy.
1991-1992	Doctoral fellowship from the pharmaceutical industry Sigma Tau, Rome, Italy.

Talks/Seminars at UNIVERSITIES, RESEARCH CENTERS, or COMMUNITY CENTERS

(all are podium presentations unless specified – e.g. panel discussant). Those marked with "(Lay)" are for the lay public

16 Oct 2024	Dept. Anatomy & Cell Biology, University of Illinois at Chicago, Chicago, IL. "What is the Role of the Lateral Preoptic Area in Reward?". *Host: A. Miguelez Fernandez*
8 Oct 2024	Workshop for the Responsible Conduct of Research, UT Austin. "Cognitive biases and common errors impacting research". *Host: C. de Souza*
30 March 2023	(Lay) OLLI-LAMP (Osher Lifelong Learning Institute - Learning Activities for Mature People) lecture series, Austin, TX. "WiN: Opportunity Through Discovery" – a discussion on the WiN program, to provide research opportunities to women of underrepresented minorities. *Hosts: J. Nudelman & E. Pickens*
7 Oct 2021	(Lay) OLLI-LAMP (Osher Lifelong Learning Institute - Learning Activities for Mature People) lecture series, Austin, TX. "The fooled brain: How we are easily misled when processing data and making decisions". *Host: J. Lewis*
9 June 2021	(Lay) Metropolitan Breakfast Club, Austin TX. "The fooled brain: How we are easily misled when processing data and making decisions". *Host: B. Biehl*
9 June 2021	(Lay) UT Tower fellows, Austin TX. "The fooled brain: How we are easily misled when processing data and making decisions". *Host: I. Cunningham*
25 Feb 2021	(Lay) UT Brainstorms (presentation to the Austin public), Austin, TX. "The fooled brain: A conversation on how we are easily misled when processing data and making decisions" https://www.youtube.com/watch?v=3y2FQ7Mlumg (~2200 views)
17 Sept 2019	WCAAR (Waggoner Center for Alcohol and Addiction Research) seminar series, Austin, TX. "How cognitive illusions interfere with science". *Host: R.O. Messing*
23 Apr 2019	(Lay) OLLI-LAMP (Osher Lifelong Learning Institute - Learning Activities for Mature People) lecture series, Austin, TX. "Analytical skepticism". *Host: J. Lewis*
27 Mar 2019	(Lay) Parent Enrichment Program, St. Andrew's Episcopal School (presentation to parents of high school students), Austin, TX. "The craving brain". *Host: L. Duchon*
17 Oct 2018	Behavioral Neuroscience Seminar Series, Department of Psychology, UT Austin, Austin, TX. "Factors and pathways that lead to addiction". *Host: M. Monfils*
8 Oct 2018	ICHAN School of Medicine, New York, NY. "Factors and pathways that lead to addiction". *Host: P. Kenny*
29 Sept 2018	(Lay) UT Brainstorms (presentation to the Austin public), Austin, TX. "The craving brain: a conversation about vulnerability to drug addiction" https://www.youtube.com/watch?v=tm_B6ZmUh8g (~2600 views)
31 Aug 2018	Cognition and Neuroscience Program, The University of Texas at Dallas, TX. "Factors and pathways that enhance addiction liability" *Host: C. McIntyre*

15 May 2018	Pop-up institute "Towards Solving the Problem of Substance Misuse and Addiction among Youth and Emerging Adults", Summit, Austin, TX. *Presenter/discussant* in the panel "Wellness of campus and beyond".
25 Apr 2018	Pop-up institute "Towards Solving the Problem of Substance Misuse and Addiction among Youth and Emerging Adults", Coffee talks, Austin, TX. "Adolescence, stress, and punishment: how these factors impact the risk for addiction". http://sites.utexas.edu/youthsubstancemisuse/april-25/
2 Apr 2018	(Lay) YSAPC (Travis County Youth Substance Abuse Prevention Coalition), bi-monthly meeting, Austin, TX. "The Neurobiology of Drug Addiction/Revising our Current Thinking of Addiction". *Hosts: M Muñoz and S. Rainbolt*
28 Feb 2018	(Lay) CSR (Center for Students in Recovery), SOAR (Seminar on Addiction Research), Austin, TX "Understanding rats and the neurological bases of addiction". *Host: J. Harris*
20 Feb 2018	(Lay) OLLI-LAMP (Osher Lifelong Learning Institute - Learning Activities for Mature People) lecture series, Austin, TX. "Revising our current thinking about addiction". *Host: W. Whitney*
27 Jan 2018	(Lay) UT Brainstorms (presentation to the Austin public), Austin TX. *Panel member* after the presentation "The addicted brain: a conversation about drug addiction" by R.O. Messing
14 Oct 2017	(Lay) UT Brainstorms (presentation to the Austin public), Austin TX. *Panel member* after the presentation "The miswired brain, a conversation about autism" by A. Brumback
13 Sept 2017	WCAAR (Waggoner Center for Alcohol and Addiction Research) seminar series, Austin, TX. "Measuring reward response in rodents, using DSM-5 criteria". *Host: R.O. Messing*
9 Sept 2016	Neuroscience seminar series, University of Minnesota, Minneapolis, MN. "Adolescence and the lateral preoptic area: two stories on dopamine and addiction". *Host: M.J. Thomas*
13 Apr 2016	WCAAR (Waggoner Center for Alcohol and Addiction Research) seminar series, Austin, TX. "Adolescents don't fear punishment in the face of reward: possible involvement of dopamine". *Host: R.A. Harris*
2 Sept 2015	WCAAR (Waggoner Center for Alcohol and Addiction Research) seminar series, Austin, TX. "The lateral preoptic area: a new role in cocaine addiction". *Host: R.A. Harris*
16 Oct 2014	Neurobiology Seminar Series. UT San Antonio, San Antonio, TX. "Factors that influence vulnerability to addiction: a focus on age and stress". *Host: M. Wanat*
24 Sept 2014	Behavioral Neuroscience seminar series, UT Austin, Austin TX. "Stress, youth, and dopamine: interactions that lead to drug addiction". *Host: J. Dominguez*
29 Jan 2014	WCAAR (Waggoner Center for Alcohol and Addiction Research) seminar series, Austin, TX. "Mechanisms underlying addiction liability: a work in progress". *Host: R.A. Harris*
16 Apr 2013	Interdepartmental Program in Neuroscience, The University of Utah, Salt Lake City, UT. "Dopamine neuron activity and addiction liability" *Host: A Schwager (Graduate student)*
10 Jul 2012	Center for Neuroscience, University of Pittsburgh, Pittsburgh, PA. "Dopamine neuron activity and addiction risk" *Host: B Moghaddam*
6 Apr 2012	Dept. of Psychiatry and Behavioral Sciences, Northwestern University, Feinberg School of Medicine, Chicago, IL "Factors that influence addiction liability: insights from rodent studies". *Host: E Goulding*
8 Nov 2011	Pharmacology/Toxicology, The University of Texas at Austin, Austin, TX. "Addiction risk and excitability of dopamine neurons". *Host: RA Morrisett*
16 June 2011	Part of the "Dopamine Club" series for South Texas Universities, University of San Antonio, San Antonio, TX. "Dopamine neuron activity & relationship to vulnerability to addiction". *Host: DJ Lodge*

24 Nov 2010	Dept. Cellular and Molecular Pharmacology, Rosalind Franklin University of Medicine and Science, North Chicago, IL. "Animal models of addiction". *Host: K-Y Tseng*
8 Oct 2010	Alcohol and Drug Abuse Research Program, Washington State University, Pullman, WA. "Age, stress, and dopamine neurons: factors facilitating cocaine addiction". *Host: Y Dong.*
12 Mar 2010	Dept. of Physiology and Biophysics, University of Illinois at Chicago, Chicago, IL. "Stress, drugs, and dopamine: interactions that increase addiction liability". *Hosts: Graduate students in the Physiology and Biophysics program.*
3 Nov 2009	Integrative Neuroscience Research Center, Marquette University, Milwaukee, WI. "Stress, drugs, and dopamine cells: Interactions that promote addiction liability". *Host: JR Mantsch.*
7 Oct 2009	Dept. of Biology, Loyola University North Shore Campus. Chicago, IL "Stress, drugs, and dopamine cells: Interactions that promote addiction liability". *Hosts: JJ Kelly and LR Lucas.*
7 Apr 2009	Depts. of Biology & Psychology (Neuroscience Minor), Loyola University North Shore Campus, Chicago, IL. "Dopamine neurons and drug addiction liability: Studies in rodent models". *Host: LR Lucas.*
19 Feb 2009	Dept. of Biological Sciences, University of Illinois at Chicago, Chicago, IL. "Dopamine neuron activity signals predisposition to drug addiction: behavioral and electrophysiological studies in rodents". *Host: MF Roitman.*
21 May 2008	Dept. of Pharmacology, Rush University Medical Center, Chicago, IL. "Is the adolescent brain more susceptible to addiction?" *Host: TC Napier.*
11 Mar 2008	Dept. of Pharmacology, University of Washington, Seattle WA. "Stress, drugs, and dopamine cells: Interactions that promote addiction liability". *Host: PEM Phillips.*
12 Oct 2007	Dept. of Molecular Pharmacology and Biological Chemistry, Northwestern University, Chicago, IL. "Stress, drugs, and plasticity of dopamine neurons: relevance to drug addiction". *Host: M Dubocovich.*
12 Sept 2007	Dept. of Pharmacological and Experimental Therapeutics, Boston University School of Medicine, Boston, MA. "Stress, drugs, and plasticity of dopamine neurons: relevance to drug addiction". *Host: RC Pierce.*
27 Mar 2007	Dept. of Pharmacological and Physiological Science, Saint Louis University School of Medicine, St. Louis, MO. "Stress, drugs, and plasticity of dopamine neurons: relevance to addiction". *Host: DS Zahm.*
20 Sept 2006	Gallo Clinic and Research Center, UCSF, Emeryville, CA. "Stress, drugs, and plasticity of dopamine neurons: relevance to drug addiction". *Host: A Bonci.*
15 Mar 2006	Dept. Pharmacology, Loyola University Medical Center, Maywood, IL. "Stress, drugs and plasticity of dopamine neurons: relevance to cocaine addiction". *Host: A Marchese.*
1 Mar 2006	Dept. Cellular & Molecular Pharmacology. RFUMS/Chicago Medical School, North Chicago, IL. "Life Events, Plasticity of Dopamine Neurons, and Drug Addiction". *Host: JA Potashkin.*
4 Nov 2005	Dept. Pharmacology & Toxicology Indiana University School of Medicine, Gary, IN . "Dopamine: the mastermind for drug addiction". *Host: SP Sivan.*
7 June 2005	Rudolf Magnus Institute of Neuroscience, University Medical Center ,Utrecht, The Netherlands. "Electrophysiological correlates of addiction liability". *Host: GM Ramakers.*
27 Apr 2005	Behavioral & Neuroscience Dept. NIDA/IRP/NIH, Baltimore, MD. "Stress-induced plasticity of midbrain dopamine neurons: implications for addiction liability". *Host: Y Shaham.*
18 Feb 2005	Dept. Pharmacology & Toxicology, University of Texas Medical Branch, Galveston, TX. "Activity of dopamine neurons signals vulnerability for cocaine addiction". *Host: KA Cunningham.*

10 June 2004 The Vollum Institute, Portland, OR. "Impulse activity of midbrain dopamine neurons: a marker for cocaine addiction?" *Host: JT Williams*

28 Feb 2003 Dept. Anesthesia & Critical Care. The University of Chicago, Chicago, IL. "Tracking addiction through impulse activity of dopamine cells". (Job talk) *Hosts: J Moss and J Apfelbaum.*

8 Jan 2002 Advanced Issues in Behavioural Neuroscience, Swiss Federal Institute of Technology (ETH), Schwerzenbach, Zurich, Switzerland. "Dopamine cell activity and vulnerability to cocaine self-administration". *Hosts: J Feldon and A Jongen-Rêlo.*

16 Dec 2002 Dept. Anesthesia & Critical Care. The University of Chicago, Chicago, IL. "What factors may lead to addiction? A systems approach using cellular and behavioral analyses". (Job talk) *Hosts: J Moss and J Apfelbaum.*

25 Nov 2002 Dept. Cellular & Molecular Pharmacology. FUHS/The Chicago Medical School, North Chicago, IL. "What factors may lead to addiction? A systems approach using cellular and behavioral analyses". *Host: FJ White.*

6 July 2001 Doctoral School of Neuroscience, University of Siena, Siena, Italy. "A global approach to the study of biological bases of vulnerability to drugs". *Host: A Tagliamonte.*

16 May 2001 Institut François Magendie, Bordeaux, France. "Corélations électrophysiologiques de la vulnérabilité aux drogues" (Electrophysiological correlates of vulnerability to drugs of abuse). *Host: C Mulle.*

23 Apr 2001 Behavioral & Neuroscience Dept. NIDA/IRP/NIH, Baltimore, MD. "Predisposition of midbrain dopamine neurons to cocaine addiction: electrophysiological and behavioral studies in rodents". *Host: Y Shaham.*

11 Jan 2001 Dept. Psychiatry, UT Southwestern University, Dallas, TX. "Electrophysiological differences in midbrain dopamine neurons that underlie vulnerability to cocaine addiction". *Host: EJ Nestler.*

11 Oct 2000 Dept. Cellular & Molecular Pharmacology, FUHS/The Chicago Medical School, North Chicago, IL. "Traits and states that influence cocaine addiction: electrophysiological and behavioral studies in rodent models". *Host: FJ White.*

4 Oct 2000 Dept. Psychiatry, University of Chicago, Chicago, IL. "Traits and states that influence vulnerability to drug addiction: electrophysiological and behavioral studies". *Host: H DeWit.*

13 Mar 1997 Dept. Neuroscience, FUHS/ Chicago Medical School, North Chicago, IL. "Role of glucocorticoids hormones in the behavioral and dopaminergic effects of drugs of abuse". *Host: FJ White.*

Talks/Seminars at INTERNATIONAL and NATIONAL MEETING, and at CENTER RETREATS

23 Oct 2022 CSICon (Conference for the Center for Scientific Inquiry). Las Vegas, NV. "Analytical skepticism in the classroom". Panel organizers: R. Hall & N. Pasternick. Panel title: "Sunday morning papers". Link to the ~15 min talk

22 May 2022 Dopamine 2022 meeting, Montreal, Canada. "Effects of methylphenidate and methylphenidate plus fluoxetine on cocaine self-administration and reinstatement of cocaine seeking behavior". Panel organizer: H. Steiner. Panel title: "SSRI antidepressants potentiate effects of psychostimulants on forebrain circuits and behavioral markers for addiction liability".

4 May 2018 Plenary talk for the 16th annual retreat of the Center for Biomedical Neuroscience, San Antonio, TX. "Factors that influence vulnerability to addiction"

9 Feb 2018 TRSA (Texas Research Society on Alcoholism). 28th Annual Meeting, Austin, TX. "Biological factors that determine diversity and vulnerability to drug use and relapse: science-based studies in rodents". Panel organizers: M. Marinelli and L. Holleran Steiker. Panel title: "A Bio-Psycho-Social-

	Spiritual model: Interdisciplinary, evidence-based perspectives on substance use disorders and related risk among youth and emerging adults"
28 Jan 2016	WCBR (Winter Conference on Brain Research). 49th Annual Meeting, Breckenridge, CO. "The lateral preoptic area: a new role in cocaine seeking". Panel organizer: D. Barker. Panel title: "The place of the lateral preoptic area–lateral hypothalamic continuum in the control of adaptive and pathological motivated behavior".
21 Mar 2014	WCAAR Advance (2nd Annual meeting of the Waggoner Center for Alcohol and Addiction Research), Austin, TX. "Dopamine reward circuits and their relevance to addiction".
29 Apr 2013	Annual Neuroscience Symposium at Kent State University: The neuroscience of mental health, Kent, OH "Adolescence: a period of increased vulnerability to cocaine addiction".
9 Aug 2011	Gordon Research Conference on Catecholamines, Lewiston, ME. "Dopamine neuron activity and addiction liability". Meeting organizers: RM Carelli and A Bonci.
15 Nov 2010	Society for Neuroscience Press Conference, San Diego, CA. "Adolescent rats are more vulnerable to drug addiction than adult rats".
17 Oct 2009	Society for Neuroscience, "Meet the experts" series. Chicago, IL. "Animal models of addiction: What do they mean and how good are they?".
3 June 2009	Joint Service Drug Laboratory Training Symposium, Naval Station, Great Lakes, IL. "Factors that enhance vulnerability to addiction". Host: JJ Snyder.
26 Jan 2009	WCBR (Winter Conference on Brain Research). 42nd Annual Meeting, Copper Mountain, CO. "Dopamine neuron activity and relationship to addiction". Panel organizer: K Franz. Panel title: "The Fountain of Youth: Is Adolescent Plasticity Part of the Story?".
1 Oct 2008	International Symposium on Drug Addiction, Kunming, China. "Factors affecting vulnerability to cocaine addiction: a systems approach". Meeting organizers: X Zhuang, A Bonci, L Xu.
7 May 2008	Meeting on Alcoholism and Stress: A Framework for Future Treatment Strategies, Volterra, Italy. "Effects of stress on dopamine neurons of the ventral tegmental area and interaction with drugs of abuse". Symposium organizer: MS Brodie.
30 Jan 2008	WCBR (Winter Conference on Brain Research) 41st Annual Meeting, Snowbird, UT. "Dopamine neuron activity and relationship to addiction". Panel organizer: F Georges. Panel title: "Drugs of abuse: what dopamine neurons do and don't do!".
2 Nov 2007	First annual Julius Axelrod Satellite Symposium at the Society for Neuroscience meeting, San Diego, CA. "Developmental changes in the dopamine reward system and addiction". Sponsors: NIMH, NIDA, NINDS.
12 July 2007	Impulse Control Disorders in Parkinson's Disease Workshop, Toronto, Canada. "Dopamine neuron activity in animal models of drug addiction". Workshop director: M Stacy.
26 Feb 2007	Keystone Symposium on Neurobiology of Addiction, Santa Fe, NM. "Greater excitability of midbrain dopamine cells in adolescent vs. adult rats". Symposium organizer: LW Role. Symposium title: "Focus on vulnerability states".
29 Jan 2007	WCBR (Winter Conference on Brain Research) 40th Annual Meeting, Snowmass, CO. Workshop on "Dopaminergic burst firing and behavior: are you and I talking about the same thing?" Workshop organizer: K Anstrom Kelly.
10 Jan 2006	Pharmacology, Biochemistry & Behavior Conference, 7th Meeting: Adolescence: Alcohol, Drugs and Mental Disorders, Morzine, France. "Behavioral and electrophysiological consequences of adolescent exposure to psychostimulant drugs in rats". Symposium organizer: WA Carlezon.

13 Nov 2005	Neuroscience annual meeting, Washington DC. "Stress- and drug-induced plasticity of dopamine neurons: relevance to addiction". Symposium organizers: Y Shaham & WA Carlezon. Symposium title: Neuroplasitcity induced by abused drugs: is it relevant to addiction?
1 June 2005	4th Dutch Endo-Neuro-Psycho Meeting, Doorwerth, The Netherlands. "Electrophysiological correlates of addiction liability". Symposium organizer: GM Ramakers.
5 Apr 2005	XXXV International Congress of Physiological Sciences, ASPET (American Society for Pharmacology and Experimental Therapeutics), San Diego, CA. "Adolescent exposure to stimulants: Consequences on addiction liability". Symposium organizers: KA Cunningham and RN Pechnick. Symposium title: Adolescent drug abuse: long-term effects of exposure of the developing brain to drugs of abuse.
18 July 2004	FASEB (Federation of American Societies of Experimental Biology), meeting on "Modern scientific approaches to drug addiction: Relationship with behavior", Tucson, AZ. "Dopamine neuronal activity codes for addiction liability". Symposium organizers: FJ White and P O'Donnell. Symposium title: Psychostimulants.
1 May 2004	SOBP (Society of Biological Psychiatry) 59th Annual Meeting, New York, NY. "Stress, dopamine neurons and self-administration". Symposium organizer: JF Neumaier. Symposium title: Basic models and clinical neuroscience of stress induced drug relapse.
25 Feb 2004	WCNP (Winter Conference on Neural Plasticity) 16th Annual Meeting, St. Lucia, West Indies. "Impulse activity of dopamine cells and vulnerability to cocaine addiction". Symposium organizer: DC Cooper. Symposium title: Motivation and reward in plasticity and learning.
29 Jan 2004	WCBR (Winter Conference on Brain Research) 37th Annual Meeting, Copper Mountain, CO. "Stress, dopamine neurons and behavioral response to psychostimulant drugs". Panel organizer: Y Shaham. Panel title: Stress, drug abuse, and synaptic plasticity.
9 Dec 2003	ACNP (American College of Neuropsychopharmacology) 42nd Annual Meeting, Puerto Rico. "Changes in impulse activity of midbrain dopamine cells associated with psychostimulant addiction". **Symposium organizers: AA Grace and M Marinelli.** Symposium title: The language of the dopamine neuron: what spike activity tells us about function.
11 July 2003	IBRO 6th World Congress of Neuroscience, Prague, Czech Republic. "The interaction between glucocorticoid hormones and dopamine transmission modulates the behavioral response to addictive drugs". Symposium organizers: RC Malenka and M Diana.
24 June 2002	CINP (Collegium Internationale Neuro-Psychopharmocologicum) XXIII Meeting, Montreal, Canada. "Corticoids and aminergic interactions". Symposium organizer: J Herbert.
11 Sept 2001	EBBS/EBPS 1st Joint Meeting, Marseille, France. "Glucocorticoid regulation of dopaminergic activity in the nucleus accumbens". Symposium organizer: KA Cunningham.
19 June 2000	College on Problems of Drug Dependence (CPDD), 62nd Annual Meeting, San Juan, Puerto Rico. "Electrophysiological correlates of enhanced vulnerability to cocaine self-administration". Symposium organizer: L. Gold.

Publications (in chronological order)

Peer-reviewed journals

Google Scholar h-index: 42; (n) = times cited (as of May 2023, from Web of Science)

1. Catalani A, **Marinelli M**, Scaccianoce S, Nicolai R, Muscolo LAA, Korànyi L, Piazza PV, Angelucci L. Progeny of mothers drinking corticosterone during lactation has lower stress-induced corticosterone secretion and better cognitive performance. Brain Res (1993) 624:209-215. (116)

2. **Marinelli M**, Piazza PV, Deroche V, Maccari S, Le Moal M, Simon H. Corticosterone circadian secretion differentially facilitates dopamine-mediated psychomotor effect of cocaine and morphine. J Neurosci (1994) 14:2724-2731. (115)
3. Jodogne C, **Marinelli M**, Le Moal M, Piazza PV. Animals predisposed to develop amphetamine self-administration show higher susceptibility to develop contextual conditioning of both amphetamine-induced hyperlocomotion and sensitization. Brain Res (1994) 657:236-244. (59)
4. Piazza PV, **Marinelli M**, Jodogne C, Deroche V, Rougé-Pont F, Maccari S, Le Moal M, Simon H. Inhibition of corticosterone synthesis by metyrapone decreases cocaine-induced locomotion and relapse of cocaine self-administration. Brain Res (1994) 658:259-264. (145)
5. Deroche V, **Marinelli M**, Maccari S, Le Moal M, Simon H, Piazza PV. Stress-induced sensitization and glucocorticoids. I Sensitization of dopamine-dependent locomotor effects of amphetamine and morphine depends on stress-induced corticosterone secretion. J Neurosci (1995) 15:7181-7188. (216)
6. Rougé-Pont F, **Marinelli M**, Le Moal M, Simon H, Piazza PV. Stress-induced sensitization and glucocorticoids. II Sensitization of the increase in extracellular dopamine induced by cocaine depends on stress-induced corticosterone secretion. J Neurosci (1995) 15:7189-7195. (173)
7. **Marinelli M**, Le Moal M, Piazza PV. Acute pharmacological blockade of corticosterone secretion reverses food restriction-induced sensitization of the locomotor response to cocaine. Brain Res (1996) 724:251-255. (61)
8. Piazza PV, Barrot M, Rougé-Pont F, **Marinelli M**, Maccari S, Abrous N, Simon H, Le Moal M. Suppression of glucocorticoid secretion and antipsychotic drugs have similar effects on the mesolimbic dopaminergic transmission. Proc Natl Acad Sci USA (1996) 93:15445-15450. (104)
9. **Marinelli M**, Rougé-Pont F, De Jésus Oliveira C, Le Moal M, Piazza PV. Acute blockade of corticosterone secretion decreases the psychomotor stimulant effects of cocaine. Neuropsychopharmacology (1997) 16:156-161. (57)
10. **Marinelli M**, Rougé-Pont F, Deroche V, Barrot M, De Jésus Oliveira C, Le Moal M, Piazza PV. Glucocorticoids & behavioral effects of psychostimulants I: Locomotor response to cocaine depends on basal levels of glucocorticoids. J Pharm Exp Ther (1997) 281:1392-1400. (74)
11. Deroche V, **Marinelli M**, Le Moal M, Piazza PV. Glucocorticoids & behavioral effects of psychostimulants II: Cocaine intravenous self-administration and reinstatement depend on glucocorticoid levels. J Pharm Exp Ther (1997) 281:1401-1407. (153)
12. **Marinelli M**, Aouizerate B, Barrot M, Le Moal M, Piazza PV. Dopamine-dependent responses to morphine depend on glucocorticoid receptors. Proc Natl Acad Sci USA (1998) 95: 7742-7747. (97)
13. **Marinelli M,** Le Moal M, Piazza PV. Sensitization to the motor effects of contingent infusions of heroin but not of κ agonist RU 51599. Psychopharmacology (1998) 139:281-285. (20)
14. **Marinelli M**, Barrot M, Simon H, Oberlander C, Dekeyne A, Le Moal M, Piazza PV. Pharmacological stimuli decreasing nucleus accumbens dopamine can act as positive reinforcers but have a low addictive potential. Eur J Neurosci (1998) 10:3269-3275. (31)
15. Rodriguez JJ, Montaron MF, Petry KG, Arrousseau C, **Marinelli M**, Premier S, Rougon G, Le Moal M, Abrous DN. Complex regulation of the expression of the polysialylated form of the neuronal cell adhesion molecule by glucocorticoids in the rat hippocampus. Eur J Neurosci (1998) 10:2994-3006. (83)
16. Montaron MF, Petry KG, Rodriguez JJ, **Marinelli M**, Aurousseau C, Rougon G, Le Moal M, Abrous DN. Adrenalectomy increases neurogenesis but not PSA-NCAM expression in aged dentate gyrus. Eur J Neurosci (1999) 11:1479-1485. (110)
17. Barrot M, **Marinelli M**, Abrous DN, Rougé-Pont F, Le Moal M, Piazza PV. Functional heterogeneity in dopamine release and in the expression of Fos-like proteins within the rat striatal complex. Eur J Neurosci (1999) 11:1155-1166. (65)

18. Barrot M, **Marinelli M**, Abrous DN, Rougé-Pont F, Le Moal M, Piazza PV. The dopaminergic hyper-responsiveness of the shell of the nucleus accumbens is hormone-dependent. Eur J Neurosci (2000) 12: 973-979. (166)
19. **Marinelli M**, White FJ. Enhanced vulnerability to cocaine self-administration is associated with elevated impulse activity of midbrain dopamine neurons. J Neurosci (2000) 20:8876-8885. (208)
20. Barrot M, Abrous DN, **Marinelli M**, Rougé-Pont F, Le Moal M, Piazza PV. Influence of glucocorticoids on dopaminergic transmission in the rat dorsolateral striatum. Eur J Neurosci (2001) 13:812-818. (48)
21. Brandon CL, **Marinelli M**, Baker LK, White FJ. Enhanced reactivity and vulnerability to cocaine following methylphenidate treatment in adolescent rats. Neuropsychopharmacology (2001) 25:651-661. (205)
22. Lu W, **Marinelli M**, Xu D, Worley PR, Wolf ME. Amphetamine and cocaine do not increase Narp expression in rat ventral tegmental area, nucleus accumbens or prefrontal cortex, but Narp may contribute to individual differences in responding to a novel environment. Eur J Neurosci (2002) 15:2027-2036. (15)
23. Rougé-Pont F, Mayo W, **Marinelli M**, Gingras M, Le Moal M, Piazza PV. The neurosteroid allopregnanolone increases dopamine release and dopaminergic response to morphine in the rat nucleus accumbens. Eur J Neurosci (2002) 16:169-173. (76)
24. **Marinelli M**, Piazza PV. Interaction between glucocorticoid hormones stress and psychostimulant drugs. Eur J Neurosci (2002) 16:387-394. (323)
25. Shalev U, **Marinelli M**, Baumann MN, Piazza PV, Shaham Y. The role of corticosterone in food deprivation-induced reinstatement of cocaine seeking. Psychopharmacology (2003) 168:170-176. (99)
26. **Marinelli M**, Cooper DC, Baker L, White FJ. Impulse activity of midbrain dopamine neurons modulates drug-seeking behavior. Psychopharmacology (2003) 168:84-98. (80)
27. Brandon CL, **Marinelli M**, White FJ. Adolescent exposure to methylphenidate alters the activity of rat midbrain dopamine neurons. Biol Psych (2003) 54:1338-1344. (80)
28. Mathon DS, Ramakers GM, Pintar JE, **Marinelli M**. Decreased firing frequency of midbrain dopamine neurons in mice lacking mu opioid receptors. Eur J Neurosci (2005) 21:2883-2886. (14)
29. **Marinelli M**, The many facets of the locomotor response to a novel environment test: Theoretical comment on Mitchell et al. (2005). Behav Neurosci (2005) 119:1144-1151. (Commentary) (26)
30. **Marinelli M**, Rudick CN, Hu X-T, White FJ. Excitability of dopamine neurons: modulation and physiological consequences. CNS Neuro Disord Drug Targets (2006) 5:79-97. (175)
31. Cagniard B, Beeler JA, Britt JP, McGehee DS, **Marinelli M**, Zhuang X. Dopamine scales performance in the absence of new learning. Neuron (2006) 51:541-547. (92)
32. Hommel JD, Trinko R, Sears RM, Georgescu D, Liu ZW, Gao XB, Thurmon JJ, **Marinelli M**, DiLeone RJ. Leptin receptor signaling in midbrain dopamine neurons regulates feeding. Neuron (2006) 51:801-810. (676)
33. Conrad KL, Tseng KY, Uejima JL, Reimers JM, Heng L-J, Shaham Y, **Marinelli M**, Wolf ME. Formation of accumbens GluR2-lacking AMPA receptors mediates incubation of cocaine craving. Nature (2008) 454:118-121. (656)
34. Geisler S, **Marinelli M**, DeGarmo B, Becker ML, Freiman AJ, Beales M,. Meredith GE, Zahm DS. Prominent activation of brainstem and pallidal afferents of the ventral tegmental area by cocaine. Neuropsychopharmacology (2008) 33:2688-2670. (66)
35. Jhou TC, Geisler S, **Marinelli M**, DeGarmo BA, Zahm DS. The mesopontine rostromedial tegmental nucleus: a structure targeted by the lateral habenula that projects to the ventral tegmental area of tsai and substantia nigra compacta. J Comp Neurol (2009) 513:566–596. (340)
36. Ambroggi F, Turiault M, Milet A, Deroche-Gamonet V, Parnaudeau S, Balado E, Barik J, van der Veen R, Maroteaux G, Lemberger T, Schütz G, Lazar M, **Marinelli M**, Piazza PV, Tronche F. Stress and addiction: glucocorticoid receptor in dopaminoceptive neurons facilitates cocaine seeking. Nat Neurosci (2009) 12:247-249. (131)

37. McCutcheon JE, **Marinelli M**. Age matters. Eur J Neurosci (2009) 29:997-1014. (193)
38. McCutcheon JE, White FJ, **Marinelli M**. Individual differences in dopamine cell neuroadaptations following cocaine self-administration. Biol Psych (2009) 66:801-803. (24)
39. Melis M, Diana M, Enrico P, **Marinelli M**, Brodie MS. Ethanol and acetaldehyde action on central dopamine systems: mechanisms, modulation, and relationship to stress. Alcohol (2009) 43:531-539. (46)
40. Zahm DS, Becker ML, Freiman AJ, Strauch S, Geisler S, Meredith GE, **Marinelli M**. Fos after single and repeated self-administration of cocaine and saline in the rat: emphasis on the basal forebrain and recalibration of expression. Neuropsychopharmacology (2010) 35:445-463. (62)
41. Steiner H, Van Waes V, **Marinelli M**. Fluoxetine potentiates methylphenidate-induced gene regulation in addiction-related brain regions: Concerns for use of cognitive enhancers? Biol Psych (2010) 67:592-594. (23)
42. Conrad KL, Ford KE, **Marinelli M**, Wolf ME. Dopamine receptor expression and distribution dynamically change in the rat nucleus accumbens after withdrawal from cocaine self-administration. Neuroscience (2010) 169:182-194. (60)
43. Conrad KL, McCutcheon JE, Cotterly LM, Ford KA, Beales M, **Marinelli M**. Persistent increases in cocaine-seeking behavior after acute exposure to cold swim stress. Biol Psych (2010) 68:303-305. (35)
44. Van Waes V, Beverley J, **Marinelli M**, Steiner H. Selective serotonin reuptake inhibitor antidepressants potentiate methylphenidate (Ritalin)-induced gene regulation in the adolescent striatum. Eur J Neurosci (2010) 32:435-447. (22)
45. McCutcheon JE, Wang X, Tseng KY, Wolf ME, **Marinelli M**. Calcium-permeable AMPA receptors are present in nucleus accumbens synapses after prolonged withdrawal from cocaine self-administration but not experimenter-administered cocaine. J Neurosci (2011) 31:5737-5743. (135)
46. McCutcheon JE, Loweth JA, Ford KA, **Marinelli M**, Wolf ME, Tseng KY. Group I mGluR activation reverses cocaine-induced accumulation of calcium-permeable AMPA receptors in nucleus accumbens synapses via a protein kinase C-dependent mechanism. J Neurosci (2011) 31:14536-14541. (97)
47. McCutcheon JE, Conrad KL, Carr SB, Ford KA, McGehee DS, **Marinelli M**. Dopamine neurons in the ventral tegmental area fire faster in adolescent rats than in adults. J Neurophysiol (2012) 108:1620-1630. (84)
48. Wong WC, Ford KA, Pagels NE, McCutcheon JE, **Marinelli M**. Adolescents are more vulnerable to cocaine addiction: behavioral and electrophysiological evidence. J Neurosci (2013) 33:4913-4922. (64)
49. Wang X, Cahill ME, Werner C, Christoffel D, Golden S, Xie Z, Loweth J, **Marinelli M**, Russo S, Penzes P, Wolf ME. Kalirin-7 mediates cocaine-induced AMPA receptor and spine plasticity, enabling incentive sensitization. J Neurosci (2013) 33:11012-11022. (38)
50. Marinelli M, McCutcheon JE. Heterogeneity of dopamine neuron activity across traits and states. Neurosci (2014) 282:176-197. (85)
51. Wong WC, **Marinelli M**. Adolescent-onset of cocaine use is associated with heightened stress-induced reinstatement of cocaine seeking. Addiction Biol (2016) 21:634-645. (13)
52. Hankosky ER, Westbrook SR, Haake RM, **Marinelli M**, Gulley JM. Reduced sensitivity to reinforcement in adolescent compared to adult Sprague-Dawley rats of both sexes. Pyschopharmacol (2018) 235:861-871. (9)
53. Gordon-Fennell AG, Will RG, Ramachandra V, Gordon-Fennell LJ, Dominguez JM, Zahm DS, **Marinelli M**. The lateral preoptic area: a novel regulator of reward seeking and neuronal activity in the ventral tegmental area. Front Neurosci (2020) 13:1-17. (10)
54. Gordon-Fennell AG, Gordon-Fennel LJ, **Marinelli M**. The lateral preoptic area and its projection to the ventral tegmental area regulate the activity of neurons in the ventral tegmental area and drive paradoxical reward behaviors. Front Syst Neurosci (2020) 14:1-71. (2)
55. Pomrenze MB, **Marinelli M**. Love it or leave it: differential modulation of incentive motivation by CRF neurons. Biol Psych (2021) 89:1113-1115. (0)

56. Gregory-Flores A, Bonet IJ, Desaivre S, Levine J, McHardy S, Kraker H, Russell N, Fleischer C, Messing RO, **Marinelli M**. A novel small molecule PKC epsilon inhibitor reduces hyperalgesia induced by paclitaxel or opioid withdrawal. BioRx (2023) 23.06.01.543325; doi: https://doi.org/10.1101/2023.06.01.543325 (not peer-reviewed)
57. Lamoureux L, Beverley JA, **Marinelli M**, Steiner H. Fluoxetine potentiates methylphenidate-induced behavioral responses: enhanced locomotion or stereotypies and facilitated acquisition of cocaine self-administration. Addiction Neuroscience (2023) 9:100131 https://doi.org/10.1016/j.addicn.2023.100131
58. Lamoureux L, Beverley JA, Steiner H, **Marinelli M**. Methylphenidate with or without fluoxetine triggers reinstatement of cocaine seeking behavior in rats Neuropsychopharmacology (2024) 49:953-960
59. Gregory-Flores A, Bonet IJ, Desaivre S, Levine J, McHardy S, Kraker H, Clanton NA, Lococo PM, Russell N, Fleischer C, Messing RO, **Marinelli M**. A novel small molecule PKC epsilon inhibitor reduces hyperalgesia induced by paclitaxel or opioid withdrawal. Under review at Journal of Clinical Investigation Insights.

    Gordon-Fennell AG, Conrad KL, Ramachandra V, Ford K, Wolf ME, Marinelli M. Food scarcity increases the activity of midbrain dopamine neurons, motivation to self-administer cocaine, and cocaine seeking. In preparation (in preparation)

    Gordon-Fennell LJ, Gordon-Fennell A, Uribe K, Desaivre S, Marinelli M. A novel method for quantifying regional distribution of neural manipulations relative to a reference atlas (in preparation)

    Uribe K, Gordon-Fennell AG, Desaivre S, Marinelli M. Activating the lateral preoptic area reinstates cocaine seeking behavior in females more than in males (in preparation)

    Bonito-Oliva A, McCutcheon J, Marinelli M. Stereological estimates of dopamine neurons and their activity in the ventral tegmental area of adolescents and adults (in preparation)

Book Chapters & Research Monographs

60. Piazza PV, **Marinelli M**, Rougé-Pont F, Deroche V, Maccari S, Simon H, Le Moal M. Stress, glucocorticoids and mesencephalic dopaminergic neurons: a pathophysiological chain determining vulnerability to psychostimulant abuse. NIDA Monogr Rev (1996) 163: 277-299. (65)
61. **Marinelli M**, Cooper DC, White FJ. Electrophysiological correlates of enhanced vulnerability to cocaine self-administration. In: Phenotypic differences in drug effects related to behavioral traits versus states. NIDA Monogr Rev (2001) 181:46-48.
62. **Marinelli M**, Piazza PV. Influence of hormonal and environmental factors in the sensitivity to psychostimulants. In: Molecular basis of drug addiction. R. Maldonado (Ed). Humana Press Inc., Totowa, NJ (2003) pp. 133-159.
63. **Marinelli M**, Piazza PV. Glucocorticoid hormones, individual differences, and behavioral and dopaminergic responses to psychostimulant drugs. In: Handbook on stress and the Brain. T Steckler, NH Kalin, JMHM Reul (Eds). Elsevier Science, Amsterdam, The Netherlands (2005) Vol 15, pp. 89-111.
64. **Marinelli M**. Dopaminergic reward pathways and effects of stress. In: Stress and Addiction: Biological and Psychological Mechanisms. M al'Absi (Ed). Elsevier Science, Amsterdam, The Netherlands (2007) pp. 41-83.
65. **Marinelli M**. Dopamine. In: Gellman, M.D. (Es). Encyclopedia of Behavioral Medicine. Springer, Cham. pp. 699-700.

Papers presented at scientific meetings and published abstracts

1. Marinelli M, Casolini P, Carletti P, Catalani A, Angelucci L. Una moderata ipercorticosteronemia nel periodo perinatale migliora permanentemente le capacità cognitive in un test di memoria spaziale nel ratto. Società Italiana di Farmacologia, V Riunione Scientifica Inter-Regionale, Chieti, Italy, 13 March 1991.
2. Marinelli M, Carletti P. Effetti dell'assunzione materna di corticosterone durante l'allattamento sul comportamento della prole in età neonatale e adulta nel ratto. Società Italiana di Neuroscienze, III Convegno Nazionale Giovani Cultori di Neuroscienze, Florence, Italy, 28-30 November 1991.
3. Angelucci L, Catalani A, Marinelli M, Scaccianoce S, Nicolai R, Muscolo LAA, Porcu A. Maternal hypercorticosteronemia during lactation affects behavior and HPAA in the offspring. International Society for Developmental Neuroscience, 9th International Meeting, La Grande Motte, France, 14-18 June 1992.
4. Catalani A, Marinelli M, Scaccianoce S, Nicolai R, Muscolo LAA, Porcu A, Angelucci L. Behavioral and endocrine modification in the rat offspring of mothers drinking corticosterone during lactration. European Neuroscience Association, 15th Annual Meeting, Munich, Germany, 13-17 September 1992.
5. Catalani A, Marinelli M, Angelucci L. Stress response, cognitive performance and anxiety in one-year-old rats lactated by hypercorticosteronemic mothers. Società Italiana di Neuroscienze, Modena, Italy, December 1992.
6. Patacchioli FR, Alemà GS, Casolini P, Marinelli M, Angelucci L. Cholinergic modulation of the hypothalamus-pituitary-adrenal axis (HPAA) activity and brain adrenocorticoid receptors (AR). Società Italiana di Neuroscienze, Modena, Italy, December 1992.
7. Catalani A, Marinelli M, Scaccianoce S, Angelucci L. Long term behavioural and endocrine effects of maternal hypercorticosteronemia during lactation. European Behavioural Society, International Meeting on Sensitization and Tolerance in Behavioural Pharmacology, Pistoia, Italy, 8-10 September 1993.
8. Deroche V, Marinelli M, Piazza PV, Maccari S, Kharouby M, Le Moal M, Simon H. Corticosterone and sensitivity to drugs of abuse: modulation of psychomotor effects. Society for Neuroscience, 23rd Annual Meeting, Washington DC, USA, 7-12 November 1993.
9. Piazza PV, Rougé-Pont F, Deroche V, Marinelli M, Maccari S, Barrot M, Kharouby M, Le Moal M, Simon H. Biochemical basis of individual vulnerability to drug addiction, European Neuroscience Association, 17th Annual Meeting, Vienna, Austria, 4-8 September 1994.
10. Piazza PV, Rougé-Pont F, Deroche V, Marinelli M, Maccari S, Barrot M, Kharouby M, Le Moal M, Simon H. European Behavioral Pharmacology Society, 5th International Biennial Meeting, Berlin, Germany, 11-15 September 1994.
11. Piazza PV, Marinelli M, Jodogne C, Deroche V, Rougé-Pont F, Maccari S, Le Moal M, Simon H. Glucocorticoids and drug abuse (I): Influences of chronic inhibition of corticosterone synthesis by metyrapone on cocaine-induced locomotion and relapse of cocaine self-administration. Society for Neuroscience, 24th Annual Meeting, Miami Beach, USA, 13-18 November 1994.
12. Marinelli M, Piazza PV, Barrot M, Rougé-Pont F, Kharouby M, Le Moal M, Simon H. Glucocorticoids and drug abuse (II): Influences of acute inhibition of corticosterone synthesis and administration of corticosteroid receptor antagonists on cocaine-induced locomotion. Society for Neuroscience, 24th Annual Meeting, Miami Beach, USA, 13-18 November 1994.
13. Barrot M, Rougé-Pont F, Maccari S, Marinelli M, Le Moal M, Simon H, Piazza PV. Glucocorticoids and drug abuse (III): Influences of basal corticosterone secretion on the effects of cocaine and morphine on accumbens dopamine. Society for Neuroscience, 24th Annual Meeting, Miami Beach, USA, 13-18 November 1994.
14. Rougé-Pont F, Deroche V, Marinelli M, Kharouby M, Le Moal M, Simon H, Piazza PV. Glucocorticoids and drug abuse (IV): Influence of stress-induced corticosterone secretion on stress-induced increase in cocaine's effects on accumbens dopamine. Society for Neuroscience, 24th Annual Meeting, Miami Beach, USA, 13-18 November 1994.

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[∞] Selected by the Public Education and Communication Committee for the Neuroscience 2004 *Press Book*

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68. Conrad KL, Marinelli M, Wolf ME. Cocaine-seeking behavior and AMPA receptor trafficking in the nucleus accumbens. Society for Neuroscience, 35th Annual Meeting, Washington, DC, 12-16 Nov 2005.
69. Marinelli M. Behavioral and electrophysiological consequences of adolescent exposure to psychostimulant drugs in rats. Physiology, Biochemistry & Behavior Conference, 7th Meeting: Adolescence: Alcohol, Drugs and Mental Disorders, Morzine, France, 8-14 Jan 2006.
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78. Conrad KL, Marinelli M, Wolf ME. AMPA receptor trafficking in the nucleus accumbens during the incubation of cocaine craving. International Behavioral Neuroscience Society (IBNS), Rio de Janeiro, Brazil, 12-16 June 2007.
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* Both selected by the Public Education and Communication Committee for the Neuroscience 2006 *Press Book*

† Selected for the Graduate Research Seminar symposium, Gordon Research Conference: Catecholamines. Oxford, UK

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81. Carr SB, Conrad KL, McCutcheon JE, Wolf ME, Marinelli M. Elevated midbrain dopaminergic transmission in adolescent vs. adult rats: relevance to addiction. Society for Neuroscience, 37th Annual Meeting, San Diego, CA, 3-7 Nov 2007.
82. McCutcheon JE, Carr SB, Conrad KL, Ford KA, Wolf ME, Marinelli M. Differences in receptor expression and dopamine cell activity during adolescence may predispose adolescents to drug addiction. Winter Conference on Brain Research, 41st annual meeting. Snowbird, UT, 26 Jan - 2 Feb 2008.
83. Conrad KL, Rudick CN, Cooper DC, White FJ, Marinelli M. Effects of stress on dopamine neurons of the ventral tegmental area and interaction with drugs of abuse. Alcoholism and stress: a framework for future treatment strategies, Volterra, Italy, 6-8 May, 2008.
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85. McCutcheon JE, Conrad KL, Carr SB, Ford KA, McGehee DS, Wolf ME, Marinelli M. Low levels of dopamine D2 receptor during adolescence contribute to elevated firing rate of ventral tegmental area dopamine neurons. Society for Neuroscience, 38th Annual Meeting, Washington, DC, 15-19 Nov 2008.
86. Zahm DS, Jhou TC, Geisler S, Marinelli M. The ventromedial tegmental nucleus: a potent contributor to the circuitry of the mesopontine tegmentum and likely modulator of multiple ascending neuromodulatory pathways, that is targeted by robust outputs from the lateral habenula. Society for Neuroscience, 38th Annual Meeting, Washington, DC, 15-19 Nov 2008.
87. Marinelli M, Becker ML, Freiman AJ, Geisler S, Zahm DS. Profiles of Fos expression elicited in multiple brain structures by self- and investigator-administered cocaine and vehicle after one and six sessions. Society for Neuroscience, 38th Annual Meeting, Washington, DC, 15-19 Nov 2008.
88. Ferrario C, Milovanovic M, Ford K, Conrad KL, Marinelli M, Wolf ME. Plasticity of excitatory synapses in the nucleus accumbens after prolonged withdrawal from cocaine self-administration. Society for Neuroscience, 38th Annual Meeting, Washington, DC, 15-19 Nov 2008.
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91. Van Waes V, Beverley JA, Marinelli M, Steiner H. Fluoxetine (Prozac) potentiates methylphenidate (Ritalin)-induced gene regulation in the striatum. Society for Neuroscience, 39th Annual Meeting, Chicago, IL, 17-21 Oct 2009.
92. McCutcheon JE, Marinelli M. Age matters. Society for Neuroscience, 39th Annual Meeting, Chicago, IL, 17-21 Oct 2009.
93. Wong WC, Ford KA, Tucci NE, McCutcheon JE, Marinelli M. Age and the diurnal rhythm of cocaine self-administration and locomotor activity in Sprague-Dawley (SD) rats. Association of American Physicians & the American Society for Clinical Investigation Annual Meeting, Chicago, IL, 23-25 Apr 2010.

94. * Wong W, Tucci NE, Ford KA, McCutcheon JE, Marinelli M. Sensitivity and motivation for cocaine self-administration in adolescent rats relative to adults. Society for Neuroscience, 40th Annual Meeting, San Diego, CA, 13-17 Nov 2010.
95. McCutcheon JE, Wang X, Tseng KY, Wolf ME, Marinelli M. Calcium-permeable AMPA receptors are present in nucleus accumbens synapses after long withdrawal from cocaine self-administration but not experimenter-administered cocaine. Society for Neuroscience, 40th Annual Meeting, San Diego, CA, 13-17 Nov 2010.
96. Loweth JA, Reimers JM, Milovanovic M, Ford KA, Ferrario CR, McCutcheon JE, Marinelli M, Tseng KY, Wolf ME. Group I metabotropic glutamate receptors regulate calcium-permeable AMPA receptors in the rat nucleus accumbens. Society for Neuroscience, 40th Annual Meeting, San Diego, CA, 13-17 Nov 2010.
97. † Wong WC, McCutcheon JE, Ford KA, Pagels NE, Marinelli M. Adolescent rats are more vulnerable to cocaine self-administration than adults. Gordon Research Conference: Catecholamines. Lewiston, ME, 7-12 August 2011.
98. ‡ Bamman MT, Wong WC, Marinelli M. Drug taking in response to punishment: an examination of age related differences. Midwest Student Biomedical Research Forum. Omaha, NE. 18 Feb 2012.
99. § Wong WC, McCutcheon JE, Ford KA, Pagels NE, Marinelli M. Adolescent onset of cocaine self-administration precipitates greater stress-induced reinstatement. Society for Neuroscience 41st Annual Meeting, Washington DC, 12-16 Nov 2011.
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101. Marinelli M, DeMeyer M, Steiner H. Methylphenidate triggers relapse of cocaine seeking behavior in rats. Society for Neuroscience 42nd Annual Meeting, New Orleans, LA, 13-17 Oct 2012.
102. McCutcheon JE, Wong WC, Marinelli M. Elevated activity of dopamine neurons during adolescence: implications for cocaine addiction. Dopamine 2013, Alghero, Italy, 24-28 May 2013.
103. Steiner H, Beverley J, Marinelli M. SSRI potentiation of methylphenidate-induced gene expression in the striatum: Role of 5-HT1B receptor. Society for Neuroscience 41st Annual Meeting, San Diego, CA, 9-13 Nov 2013.
104. Marinelli M, Beverley JA, Lamoureux L, Steiner H. Fluoxetine potentiates methylphenidate-induced behavioral stereotypies and subsequent cocaine self-administration in rats. Society for Neuroscience 45th Annual Meeting, Chicago, IL, 17-21 Oct 2015.
105. Gordon A, Marinelli M, Ramachandra VS. Food restriction stress enhances cocaine seeking and VTA dopamine neuron activity. Society for Neuroscience 45th Annual Meeting, Chicago, IL, 17-21 Oct 2015.
106. Will RG, Twining RC, Ramachandra VS, Marinelli M. The LPO: role on dopaminergic transmission, drug taking, and seeking. Society for Neuroscience 45th Annual Meeting, Chicago, IL, 17-21 Oct 2015.
107. Pomrenze MB, Maiya R, Blasio A, Hopf FW, Gordon AG, Dadgar J, Rice KC, Marinelli M, Messing RO. Central amygdala CRF neurons regulate both anxiety and fear behaviors in rats. Society for Neuroscience 45th Annual Meeting, Chicago, IL, 17-21 Oct 2015.
108. Mutti A, Wong WC, Ramachandra VS, Marinelli M. Adolescents don't fear punishment in the face of reward: possible role of dopamine. Society for Neuroscience 46th Annual Meeting, San Diego, CA, 12-16 Nov 2016.

***** Selected for the Public Education and Communication Committee for the Neuroscience 2010 *Press Book and Press Conference*

† Selected for the Graduate Research Seminar symposium, Gordon Research Conference: Catecholamines. Lewiston, ME

‡ Best poster award (2nd place)

§ Selected by the Public Education and Communication Committee for a Neuroscience 2011 *Press Book* and featured at Society for Neuroscience 2011 media material "Hot Topic"

109. Gordon AG, Ramachandra VS, Mittal N, Duvauchelle C, Marinelli, M. Optogenetic stimulation of the lateral preoptic area excites dopamine neurons, supports self-stimulation, and elicits “positive affect” ultrasonic vocalizations. Society for Neuroscience 47th Annual Meeting, Washington DC, 11-15 Nov 2017.

110. Mutti A, Bredder M, Bates A, Ramachandra V, Desaivre S, Gordon A, Marinelli M. Crossing an electric barrier to obtain rewards: a simple procedure to measure the persistence of reward taking in the presence of adversity Society for Neuroscience 48th Annual Meeting, San Diego, CA, 3-7 Nov 2018.

111. Gordon A, Fennell LJ, Fang M, Zittel K, Marinelli M. A novel method for quantifying regional distribution of neural manipulations relative to a reference atlas. Society for Neuroscience 48th Annual Meeting, San Diego, CA, 3-7 Nov 2018.

112. Gordon AG, Mittal N, Duvauchelle C, Marinelli, M. Optogenetic stimulation of the lateral preoptic area drives apparent paradoxical reward and aversion. Society for Neuroscience 49th Annual Meeting, Chicago, IL, 19-23 Oct 2019.

113. Gregory-Flores A, Levine JD, McHardy S, Messing RO, Marinelli M. A novel small molecule inhibitor of PKC epsilon blocks hyperalgesia induced by paclitaxel or opioid withdrawal. EBPS biennial meeting, Manheim, Germany, 22-25 August, 2023.