

CURRICULUM VITAE

JoAnn Trejo, Ph.D., M.B.A.

Professor and Vice Chair of Pharmacology
Associate Dean for Health Sciences Faculty Affairs

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DATE and PLACE OF BIRTH

January 23, 1964, Stockton (French Camp, San Joaquin County), California

EDUCATION

1982 - 1986 B.S., University of California, Davis
1986 - 1992 Ph.D., School of Medicine, University of California, San Diego
2013 - 2015 M.B.A., Rady School of Management, University of California, San Diego

RESEARCH and PROFESSIONAL EXPERIENCE

1983 - 1986 Research Assistant, Lawrence Berkeley National Laboratory, Division of Biology and Medicine, Berkeley, CA
1986 - 1992 Graduate Student, Department of Pharmacology, School of Medicine, University of California, San Diego, La Jolla, CA
1992 - 1997 Postdoctoral Fellow, Cardiovascular Research Institute, School of Medicine, University of California, San Francisco, San Francisco, CA
1997 - 1999 Assistant Research Professor, Cardiovascular Research Institute, School of Medicine, University of California, San Francisco, San Francisco, CA
2000 - 2005 Assistant Professor (tenure-track), Department of Pharmacology, School of Medicine, University of North Carolina, Chapel Hill, NC
2005 - 2008 Associate Professor (tenured), Departments of Pharmacology, Cell and Developmental Biology, School of Medicine, University of North Carolina, Chapel Hill, NC
2008 - 2012 Associate Professor (tenured), Department of Pharmacology, School of Medicine, University of California, San Diego, La Jolla, CA
2008 - 2013 Associate Director, NIH/NIGMS-supported San Diego Institutional Research and Academic Career Development Award (IRACDA) Postdoctoral Training Program, University of California, San Diego, La Jolla, CA
2014 - 2016 Vice Chair for Education, Department of Pharmacology, School of Medicine, University of California, San Diego, La Jolla, CA
2008 - present Member, Moores Cancer Center, Cancer Biology and Signaling Program, University of California, San Diego, La Jolla, CA
2012 - present Professor, Department of Pharmacology, School of Medicine, University of California, San Diego, La Jolla, CA
2013 - present Director, NIH/NIGMS-supported San Diego IRACDA Postdoctoral Training Program, University of California, San Diego, La Jolla, CA
2014 - present Director, ASPET-supported Pharmacology Summer Undergraduate Research Fellowship (SURF) and IRACDA SURF Program, University of California, San Diego, La Jolla, CA
2015 - present Associate Dean for Health Sciences Faculty Affairs, Office of the Vice Chancellor for Health Sciences, University of California, San Diego, La Jolla, CA
2016 - present Vice Chair, Department of Pharmacology, School of Medicine, University of California, San Diego, La Jolla, CA
2016 - present Member, Clinical and Translational Research Institute (CTRI), University of California, San Diego, La Jolla, CA

HONORS**Awards**

- 1991-1992 National Research Council Ford Foundation Dissertation Fellowship Award
 1993-1995 University of California President's Postdoctoral Fellowship Award
 1994-1995 University of California Tobacco-Related Disease Research Program Postdoctoral Training Award
 1995-2000 American Heart Association Scientist Career Development Grant Award
 2000-2001 University of North Carolina at Chapel Hill Medical Faculty Research Grant Award
 2006-2010 American Heart Association Established Investigator Award
 2012 Women Who Mean Business Award, San Diego Business Journal
 2014 UC San Diego Chancellor's Award for Excellence in Postdoctoral Scholar Mentoring
 2015 American Society for Biochemistry and Molecular Biology Ruth Kirschstein Diversity in Science Award
 2016 UC San Diego Equal Opportunity, Affirmative Action and Diversity Award
 2017 American Society for Cell Biology E.E. Just Award
 2018-2023 National Institutes of Health/NIGMS R35 Outstanding Investigator Award

Keynote and Plenary Lectures

- 2002 Keynote Speaker, Society for the Advancement of Chicanos and Native Americans in Science 29th Annual Meeting, Anaheim, CA
 2010 Distinguished Lecturer, Scientists and Engineers Expanding Diversity and Success, University of Miami, Miller School of Medicine, Miami, FL
 2011 Keynote Lecturer, Association of Multicultural Scientists, University of Minnesota, Minneapolis, MN
 2012 Distinguished Guest Speaker, 5th Annual Signaling and Cellular Regulation Graduate Training Program Symposium, University of Colorado, Boulder, CO
 2012 Keynote Speaker, Society for the Advancement of Chicanos and Native Americans in Science 39th Annual Meeting, Seattle, WA
 2015 American Society for Biochemistry and Molecular Biology Ruth Kirschstein Diversity in Science Award Lecture, Boston, MA
 2015 Distinguished Lecturer, 6th Annual IRACDA Research Symposium, Baylor College of Medicine, Houston, TX
 2015 Mentoring Keynote Speaker, American Society for Cell Biology Annual Meeting, San Diego, CA
 2016 Distinguished Guest Speaker, Interdisciplinary Program in Biomedical Sciences, College of Medicine, University of Florida, Gainesville, FL
 2017 Distinguished Speaker, Long Lecture, University of Denver, Denver CO
 2017 American Society for Cell Biology EE Just Award Lecture, Philadelphia, PA
 2018 Keynote Speaker, 9th Adhesion GPCR Workshop, Oregon Health and Sciences University, Portland, OR

Postdoctoral Trainees (Advisor to 18 postdoctoral fellows, 10 Women and 5 URMs)

- 2001-2008 Courtney Griffin, Ph.D. Supported by NIH/NHLBI K99/R00 Pathway to Independence Award
Current position: Associate Professor, Oklahoma Medical Research Foundation, Oklahoma, OK
 2001-2003 Michelle Booden, Ph.D. Current position: Technology Licensing Specialist, NIH, Bethesda, MD
 2001-2003 Yonghua Yang, Ph.D. Current position: Professor, Fudan University, Shanghai, China
 2005-2008 Puneeta Arora, Ph.D. Current position: Patent Agent, Founding Partner, AvidInvent, Hyderabad India
 2005-2008 May M. Paing, Ph.D. Current position: Research Associate, HHMI Washington University School of Medicine, St. Louis, MO
 2009-2010 Jung-A Choi, Ph.D. Current position: Research Scientist, Korea University, Seoul Korea
 2009-2011 Allen Liu, Ph.D. Supported by Leukemia & Lymphoma Society Postdoctoral Fellowship
Current position: Assistant Professor, University of Michigan, Ann Arbor, MI
 2008-2012 Unice JK Soh, Ph.D. Supported by UC TRDRP Postdoctoral Fellowship
Current position: Medical Science Liaison at Johnson & Johnson, Los Angeles, CA
 2012-2013 Aaron Snead, Ph.D. Supported by NIH/NIGMS IRACDA Postdoctoral Fellowship
Current position: Senior Scientist, BPS Bioscience Inc. San Diego, CA
 2009-2015 Huilan Lin, Ph.D. Current position: Scientist, ArmaGen Technologies, Inc., Calabassas, CA
 2008-2015 Buxin Chen, Ph.D. Supported by American Heart Association Postdoctoral Fellowship
Current position: Scientist, Coi Pharmaceuticals, Inc. San Diego, CA
 2013-2015 Terri Stoner, Ph.D. Supported by NIH/NIGMS IRACDA Postdoctoral Fellowship
Current position: Assistant Adjunct Professor, San Diego City College, San Diego, CA

- 2008-2016 Michael Dores, Ph.D. Supported by a UC TRDRP Postdoctoral Fellowship Award, NIH/NIGMS IRACDA Postdoctoral Training Grant
Current position: Assistant Professor of Biology, Hofstra University, Hempstead, NY
- 2016-2017 Thomas Smith, Ph.D. Current Position: Postdoctoral Fellow, University of Washington, Seattle, WA
- 2009-present Neil Grimsey, Ph.D. Supported by American Heart Association Postdoctoral Fellowship Award
- 2016-present Wen-An Pan, Ph.D.
- 2016-present Olivia Molinar, Ph.D. Supported by NIH/NIGMS Diversity Supplement
- 2017-present Cierra Birch, Ph.D. Supported by NIH/NIGMS Diversity Supplement

Graduate Student Trainees (Advisor to 13 graduate students, 9 Women and 7 URMs)

- 2001-2005 May M. Paing, Ph.D. Supported by an American Heart Association Predoctoral Fellowship Award
Current position: Research Associate, HHMI Washington University School of Medicine, St. Louis, MO
- 2003-2007 Breann Wolfe Barker, Ph.D. Supported by American Heart Association Predoctoral Fellowship Award
Current position: Teva Pharmaceuticals, West Chester, PA
- 2004-2010 Tiffany Ricks, Ph.D. Supported by NIH/NRSA F31 Predoctoral Fellowship Award and United Negro College Fund (UNCF)-MERCCK Predoctoral Fellowship Award
Current position: Pharmacologist, Federal Drug Administration, Washington, DC
- 2005-2009 Angela Russo, Ph.D. Current position: Visiting Research Assistant Professor, Department of Medicinal Chemistry and Pharmacognosy, College of Pharmacy, University of Illinois Chicago
- 2008-2013 Antonio Soto, Ph.D. Supported by an NIH/NHLBI Diversity Supplement Award
Current position: Research Scientist I, Vertex Pharmaceuticals Inc., San Diego, CA
- 2009-2014 Isabel Canto Cordova, Ph.D. Supported by a UC TRDRP Predoctoral Fellowship Award
Current position: Medical Writer, Caring Communications, San Diego, CA
- 2010-2016 Thomas Smith, Ph.D. Supported by NIH/NRSA F31 HL116187 Predoctoral Fellowship Award
Current position: Postdoctoral Fellow, University of Washington, Seattle, WA
- 2014-2016 Patrick Menzies, M.S. Supported by Howard Hughes Medical Institute Gilliam Graduate Fellowship
Current position: Project Consultant, Novoron Bioscience, San Diego, CA
- 2013-2017 Marissa Goo, Ph.D. Supported by an NSF and Ford Foundation Predoctoral Fellowship
Current position: Associate Scientist, E-Scape Bio, South San Francisco, CA
- 2011-2017 Bryan Stephens, B.S. Supported by NIH/NIGMS T32 Biophysics Training Grant
Current position: Postdoctoral Fellow, University of California, San Diego
- 2015-present Cara Rada, B.A. Supported by NIH/NIGMS T32 Pharmacological Sciences Training Grant and UC TRDRP Predoctoral Fellowship
- 2015-present Aleena Arakaki, B.S. Supported by San Diego Graduate Fellowship, Tribal Membership Initiative and NIH/NIGMS T32 Pharmacological Sciences Training Grant
- 2016-present Jessica Lawrence, B.S. (co-advisor) Supported by NIH/NRSA F31 NS103588 Predoctoral Fellowship

Undergraduate Trainees (Advisor to 33 undergraduate students, 18 Women and 18 URMs)

Tom Chen, Duke University (2000); Sarah Brautigam, Davidson College (2001); Tiana Garrett, Virginia State University (2001-2002); Kia Jackson, North Carolina Agricultural and Technical State University (2003); Aliya McIver, University of North Carolina, Chapel Hill (2004); Amanda Powell, Shaw University (2005); Diana Ntonlolo, Winston Salem State University (2006); Mallory Demonch, University of North Carolina at Chapel Hill (2007-2008); Maria Rodriguez, UC San Diego (IMSD, 2008-2009); Steven Almos, Southwestern Community College (UCSD-HHMI, 2009); William A. Montagne, University of Oregon (Pharm SURF, 2010 & 2011); Phillip Le, UC San Diego (2010-2013); Carlos Roston Green, University of San Francisco (MSTP-SURF, 2010); Eliseo Rivas, UC San Diego (MSTP-SURF, 2011); Hannes Buck, Amherst College (MSTP-SURF, 2012 & 2013); Jasmine Kyung, UC San Diego (2012-2013); Cattien Phan, UC San Diego (2013-2014); Stefany Rubio, San Diego State University (Pharm SURF, 2014); Keaira Thornton, Norfolk State University (MSTP-SURF, 2014); Consuelo Saucedo, San Marcos State University (STARS, 2014); Jeffrey Liang, UC San Diego (2012-2015); Francisco Mendez, UC San Diego (IMSD, 2012-2015); Luisa Coronel, UC San Diego (IMSD, 2013-2015); Jasmine Kyung, UC San Diego (Pharm SURF, 2015); Francisco Peralta, San Diego City College (IRACDA SURF, 2016); Mauricio Marquez Palencia, San Diego City College & UC San Diego (MSTP-SURF 2015, IMSD 2015-2017); Celyne Moh, UC San Diego (2015-2017); Julia Li, UC San Diego (2015-2017); Rachan Narala, UC San Diego (Regents Scholar, Eureka Scholar, Pharm SURF 2014-2018); Hilda Mejia Pena, San Diego City College & UC San Diego (IRACDA SURF 2016, IMSD 2016-present); Serena Pang, UC San Diego (2017-present); Metzli Cisneros, UC San Diego (UC TRDRP Cornelius Hopper Supplement and IMSD 2017-present); Talia Elliott, UC San Diego (2017-present)

Thesis Committees (Committee member to 45 graduate students)

Olga Rodriguez, Ph.D. 01/2001; Deborah Shea, M.S. 07/2004; Scott Oloff, Ph.D. 04/2004; Eric Bodor, Ph.D. 02/2005; May Paing, Ph.D. 06/2005; Jeffrey Bocock, Ph.D. 04/2006; Jin Kim, Ph.D. 04/2006; Sheritha Lee, Ph.D. 07/2006; Dayle Houston, Ph.D. 03/2007; Christine Tomlison, Ph.D. 06/2007; Breann Barker, Ph.D., 06/2007; Ingrid Fricks, Ph.D. 12/2008; Angela Russo, Ph.D., 06/2009; Tiffany Ricks, 06/2010; Lindsay Schwartz, Ph.D. 11/2010; Steven Fuhs, Ph.D. 12/2010; Boryana Eastman, Ph.D. 09/2012; David Lu, Ph.D. 03/2013; Daniel Nunez, Ph.D. 05/2013; Karen Tumaneng, Ph.D. 06/2013; Tania Escobar, M.S. 08/2013; Rebecca Jimenez, M.S. 08/2013; Antonio Soto, Ph.D. 09/2013; Taylor Gilliland, Ph.D. 10/2013; Adam Bastidas, Ph.D. 03/2014; Isabel Canto, Ph.D. 07/2014; Stephanie Dusaban, Ph.D. 05/2015; Aran Groves, Ph.D. 09/2015; Irene Tobias, Ph.D. 04/2016; Thomas Smith, Ph.D. 09/2016; Olivia Yu, Ph.D. 11/2016; Rachael Kells Andrews, Ph.D. 12/2016; Anna Busija, Ph.D. 03/17; Alisha Caliman, Ph.D. 05/17; Patrick Menzies, M.S., 06/2017; Marisa Goo, Ph.D. 08/2017; Babette Hammerling, Ph.D. 11/2017; Bryan Stephens, Ph.D. 12/2017; Elizabeth Kleinschmidt (2014-present); Bernardo Lara (2014-present); Jason Del Rio (2014-present); Sarah Shires (2015-present); Cara Rada (2015-present); Aleena Arakaki (2015-present); Jessica Lawrence (2016-present); Riley Peacock (2018-present)

PROFESSIONAL SOCIETY MEMBERSHIP

1986-present Society for the Advancement of Chicanos and Native Americans in Science (SACNAS), *Life Member and Friend of the Society*
 1990-present American Society for Cell Biology (ASCB)
 2000-present American Society for Pharmacology and Experimental Therapeutics (ASPET)
 2007-present American Society for Biochemistry and Molecular Biology (ASBMB)

INDUSTRY CONSULTING and COLLABORATIONS

2006-2007 Eli Lilly & Company, Cancer Inflammation, Indianapolis, IN
 2012-2014 Boehringer Ingelheim International GmbH

EDITORIAL BOARD MEMBERSHIP

2010-2011 Editorial Board, Molecular Interventions
 2013-present Editorial Board, Molecular Pharmacology
 2015-present Editorial Board, The Journal of Biological Chemistry

EDITORIAL REVIEW DUTIES *Ad Hoc*

American Journal of Physiology/ Atherosclerosis, Thrombosis and Vascular Biology/ Biochemistry/ Biochemical Journal/ Blood/ British Journal of Pharmacology/ Current Biology/ Current Pharmaceutical Design/ EMBO Journal/ FASEB Journal/ FEBS Letters/ Glycobiology / Journal of Biological Chemistry/ Journal of Cell Biology/ Journal of Cell Science/ Journal of Cellular Biochemistry/ Journal of Pharmacology and Experimental Therapeutics/ Journal of Thrombosis and Haemostasis/ Molecular Biology of the Cell/ Molecular and Cellular Biology/ Molecular Pharmacology/ Nature/ Nature Communications / Nature Structural and Molecular Biology/ Nature Reviews/ Physiological Reviews/ Oncogene/ PLoS One/ Proceedings National Academy of Sciences/ Science Signaling/ Traffic

ADVISORY PANELS and PROFESSIONAL SOCIETY SERVICE**American Heart Association (AHA)**

2004 *ad hoc* Member, Molecular Signaling I Review Committee National Affiliate

American Society for Biochemistry and Molecular Biology (ASBMB)

2017-present Member (*elected*), Leadership Council

American Society for Cell Biology (ASCB)

2007-2012 Member, Women in Cell Biology Committee
 2010 Chair, Bernfield-Gilula Award Joint Selection Committee
 2010-2012 Member (*elected*), Leadership Council
 2013-2015 Member, Minorities Affairs Committee (MAC)
 2013-2014 *ex officio* Member, Women in Cell Biology Committee

American Society for Pharmacology and Experimental Therapeutics (ASPET)

2011-2014 *at-large* Member Program Committee
 2013-2016 Member, Science Policy Committee
 2018-present Member, Division of Molecular Pharmacology

Department of Defense (DOD)

2008 Member, CDMRP Prostate Cancer PathoBiology I Panel

Howard Hughes Medical Institute (HHMI)

2015 Member, Gilliam Fellowships for Advanced Study Selection Committee

International Society on Thrombosis and Haemostasis (ISTH)

2009 Member, Scientific Advisory Board Member for the XXIInd International meeting, Boston, MA

Keystone Symposia on Molecular and Cellular Biology Organization (Keystone)

2009 *ad hoc* Member, Diversity Advisory Committee

2012-2015 Member, Diversity Advisory Committee

National Institutes of Health (NIH)

2005 Member, NIH/NHLBI Program Project Review Committee

2006 *ad hoc* Member, NIH/CSR Hemostasis and Thrombosis (HT) Study Section

2006-2009 Member, NIH/CSR Cell Structure and Function (CSF) Study Section

2009-2010 Member, NIH/CSR Nuclear and Cytoplasmic Structure/Function and Dynamics(NCSD) Study Section

2009 *ad hoc* Member, NIH/CSR ZRG1 CB-N 29L Special Emphasis Panel: Diversity Predoctoral Fellowships

2010 *ad hoc* Member, NIH/CSR ZRG1 CB-B 02M Special Emphasis Panel: Member Conflicts Cell Biology

2008-2011 *ad hoc* Member, NIH/CSR Tumor Cell Biology (TCB) Study Section

2012-2015 Member, NIH/CSR Molecular and Integrative Signal Transduction (MIST) Study Section

2015- present Member, NIH/NIGMS Division of Training, Workforce Development & Diversity, IRACDA Steering Committee Representative

INVITED SCIENTIFIC SEMINARS, PRESENTATIONS and SYMPOSIA**National and International Meetings**

1999 American Society for Cell Biology, Symposia on Endocytosis and Cell Signaling, San Francisco, CA

2002 Boehringer Ingelheim Pharmaceuticals Inc., G Protein-Coupled Receptor Symposium, Tarrytown, NY

2003 Gordon Research Conference, "Second Messengers and Protein Phosphorylation", Meriden, NH

2004 Keystone Symposia, "G Protein-Coupled Receptors: Evolving Concepts and Drug Discovery", Taos, NM

2004 Great Lakes GPCR Retreat and the Club des Recepteurs a Sept Domaines Transmembranaire du Quebec, 5th Annual Meeting, Quebec, Canada

2005 Gordon Research Conference, "Second Messengers and Protein Phosphorylation", Biddeford, ME

2005 FASEB Summer Research Conference, "Proteases in Hemostasis and Vascular Biology", Saxons River, VT

2006 Dahlem Symposium, Cellular Signal Recognition and Transduction, Berlin, Germany

2006 Gordon Research Conference, Phosphorylation and G-Protein Mediated Signaling Networks, Biddeford, ME

2006 Gordon Research Conference, Hemostasis, Waterville, ME

2007 Gordon Research Conference, Molecular Pharmacology, Ventura, CA
2007 FASEB Summer Research Conference, Proteases in Hemostasis and Vascular Biology, Indian Wells, CA

2008 Chicago Signal Transduction Symposium, Northwestern University, Chicago IL

2008 Growth Factor and Signal Transduction Symposium, Extracellular and Membrane Proteases in Cell Signaling, Ames, IA

2008 Medicinal Chemistry: Molecular Recognition-Ligand Receptor Interactions, 4th Summer School, University of Regensburg, Regensburg, Germany

2009 British Pharmacological Society 3rd Focused Meeting on Cell Signaling, Leicester, England

2009 Gordon Research Conference, Molecular Pharmacology, Il Ciocco, Italy

2009 Gordon Research Conference, Phosphorylation and G-Protein Mediated Signaling Networks, Biddeford, ME

2010 FASEB Experimental Biology Annual Meeting, Anaheim, CA

2010 The Endocrine Society's Annual Meeting, San Diego, CA

2010 Society for the Advancement of Chicanos and Native Americans in Science National Conference, "Advances in Cell and Cancer Research Symposia", Anaheim, CA

2011 Gordon Research Conference, Molecular Pharmacology, Ventura, CA

2011 FASEB Summer Research Conference, Proteases in Hemostasis and Vascular Biology, Carefree, AZ

- 2012 Keystone Symposia, “G Protein Coupled Receptors: Molecular Mechanisms and Novel Functional Insights”, Fairmont Banff Spring, Banff, Alberta, Canada
- 2012 Gordon Research Conference, “Hemostasis”, Waterville, ME
- 2013 NIH/ National Cancer Institute Workshop on “Dysregulated Endocytosis and Cancer”, Washington, DC
- 2013 XXIVth Congress International Society on Thrombosis and Haemostasis, Amsterdam, Netherlands
- 2013 Society for the Advancement of Chicanos and Native Americans in Science National Conference, “Protein Biochemistry and Cell Biology Symposia”, San Antonio, TX
- 2013 Great Lakes GPCR Retreat and Club des Recepteurs a Sept Domaines Transmembranaire du Quebec, 14th Annual Meeting, Cleveland, OH
- 2014 American Society for Biochemistry and Molecular Biology Annual Meeting Symposium on “Structural Dynamics of Cell Signaling”, San Diego, CA
- 2014 Gordon Research Conference, “Lysosomes and Endocytosis”, Procter Academy, Andover, New Hampshire
- 2014 New York Academy of Sciences GPCR Symposium, New York, NY
- 2015 American Society for Biochemistry and Molecular Biology Ruth Kirchstein Diversity in Science Award
- 2015 Cambridge Healthtech Institute Conference, GPCR-based Drug Discovery, Boston, MA
- 2015 Getting Across-Molecular Mechanisms of Vascular Disease, MDI Biological Laboratory, Salisbury Cove, ME
- 2015 Society for the Advancement of Chicanos and Native Americans in Science National Conference, “Finding Cancer’s Achilles Heel”, Washington, DC
- 2016 American Society for Pharmacology and Experimental Therapeutics Annual Meeting Symposium on “Intracellular GPCR and Lipid Signaling”, San Diego, CA
- 2016 Keystone Symposia Conference, “G Protein-coupled Receptors Structure, Signaling and Drug Discovery”, Keystone, CO
- 2016 Great Lakes GPCR Retreat and Club des Recepteurs a Sept Domaines Transmembranaire du Quebec, 14th Annual Meeting, Chicago, IL
- 2017 FASEB Summer Research Conference on “G Protein-Coupled Receptor Kinases and Arrestins: From Structure to Disease”, Saxtons River, VT
- 2017 American Society for Cell Biology Annual Meeting E.E. Just Award Lecture, Philadelphia, PA
- 2018 Cambridge Healthtech Institute 2nd Annual GPCR-targeted Drug Design, San Diego, CA
- 2018 9th Adhesion-GPCR Workshop, Portland, OR
- 2018 Great Lakes GPCR Retreat and Club des Recepteurs a Sept Domaines Transmembranaire du Quebec, 16th Annual Meeting, Detroit, MI

Academic and Industrial Institutions

- 2001 Duke University Medical Center, Department of Pharmacology and Cancer Biology, Durham, NC
- 2001 Morehouse School of Medicine, Neuroscience Institute, Atlanta, GA
- 2002 Stony Brook University, Department of Pharmacology, Stony Brook, NY
- 2002 University of Texas, Houston, Health Science Center, Department of Integrative Biology and Pharmacology, Houston, TX
- 2002 Inspire Pharmaceuticals Inc., Durham, NC
- 2003 University of Texas, San Antonio, Department of Biology and Chemistry, San Antonio, TX
- 2003 Morehouse College, Department of Biology, Division of Science and Mathematics, Atlanta, GA
- 2003 University of California, San Diego, Department of Pharmacology, La Jolla, CA
- 2003 NIEHS, Laboratory for Signal Transduction, Research Triangle Park, NC
- 2004 Loyola University Chicago Stritch School of Medicine, Department of Pharmacology and Experimental Therapeutics, Maywood, IL
- 2004 University of Texas, Houston, MD Anderson Cancer Center, Houston, TX
- 2004 University of North Carolina, Chapel Hill, Department of Cell and Developmental Biology, Chapel Hill, NC
- 2005 University of Rochester Medical Center, Department of Pharmacology and Physiology, Rochester, NY
- 2005 University of North Carolina, Chapel Hill, Department of Chemistry, Chapel Hill, NC
- 2006 Emory University, Department of Pharmacology, Atlanta, GA
- 2006 Eli Lilly & Company, Cancer Inflammation and Cell Survival, Indianapolis, IN
- 2006 University of California, San Diego, Department of Pharmacology, La Jolla, CA
- 2007 Vanderbilt University, Department of Pharmacology, Nashville, TN
- 2007 Johns Hopkins University, Department of Biology, Baltimore, MD
- 2007 Blood Research Institute, Blood Center of Wisconsin, Milwaukee, WI
- 2007 University of California, San Diego, Department of Pharmacology, La Jolla, CA

- 2007 University of California, Irvine, Department of Pharmacology, Irvine, CA
- 2008 University of Maryland, Baltimore, Center for Vascular and Inflammatory Diseases, Baltimore, MD
- 2008 University of Oklahoma Health Sciences Center, Department of Biochemistry and Molecular Biology, Oklahoma City, OK
- 2009 Sidney Kimmel Cancer Center, San Diego, CA
- 2009 University of California, Riverside, Division of Biomedical Sciences, Riverside, CA
- 2009 Purdue University, Department of Biological Sciences, West Lafayette, IN
- 2010 University of Miami, Miller School of Medicine, Miami, FL
- 2010 University of Arizona, Arizona Comprehensive Cancer Center, Tucson, AZ
- 2011 University of Minnesota, School of Medicine, Minneapolis, MN
- 2012 University of California, San Diego, Cardiovascular Science Conference Series, La Jolla, CA
- 2012 University of Colorado, Boulder, Signaling and Cellular Regulation Training Program, Boulder, CO
- 2012 University of Illinois at Chicago, Department of Biological Sciences, Chicago, IL
- 2012 Loyola University Chicago Stritch School of Medicine, Department of Pharmacology and Experimental Therapeutics, Maywood, IL
- 2013 Brown University, Department of Molecular Pharmacology, Physiology and Biotechnology, Providence, RI
- 2013 Beckman Research Institute of the City of Hope, Duarte, CA
- 2014 Cardeza Seminar Series, Thomas Jefferson University, Philadelphia, PA
- 2014 Sol Sherry Thrombosis Research Center, Temple University School of Medicine, Philadelphia, PA
- 2014 Washington University, Department of Anesthesiology Basic Research, School of Medicine, St. Louis, MO
- 2014 University of Iowa, Carver College of Medicine, Department of Pharmacology, Iowa City, IA
- 2015 Baylor College of Medicine, Department of Cell and Molecular Biology, Houston, Texas
- 2015 University of Chicago, Department of Biochemistry and Molecular Biology, Chicago, IL
- 2016 University of Kentucky, Department of Molecular and Cellular Biochemistry, Lexington, KY
- 2016 University of Florida, College of Medicine, Interdisciplinary Program in Biomedical Sciences, Gainesville, FL
- 2017 California State University Long Beach, Department of Chemistry and Biochemistry, Long Beach, CA
- 2017 University of Denver, The Long Lecture, Department of Biological Sciences, Denver, CO
- 2017 Pennsylvania State University College of Medicine, Department of Cellular and Molecular Physiology, Hershey, PA
- 2017 NIH, National Heart, Lung and Blood Institute, Cell Biology and Physiology Center, Bethesda, MD
- 2017 University of Pennsylvania, Childrens Hospital of Philadelphia, Division of Cell Pathology, Philadelphia, PA
- 2017 NIH, National Institute of General Medical Sciences, Training, Workforce Development and Diversity, Bethesda, MD
- 2017 University of California, San Diego, Department of Medicine Grand Rounds, La Jolla, CA
- 2017 California State University Los Angeles, Minority Opportunities In Research Program in Biological Sciences Los Angeles, CA
- 2018 University of Massachusetts, Department of Biology, Boston, MA
- 2018 Case Western Reserve University, Department of Pharmacology, Cleveland, OH
- 2018 Medical College of Wisconsin, Milwaukee, WI

BIBLIOGRAPHY

Dissertation

JoAnn Trejo (1992) "Regulation of AP-1 and β -amyloid Precursor Protein Gene Expression Through Protein Kinase C-Mediated Signaling Pathways" (PhD dissertation, University of California, San Diego), pg. 1-170

Peer-Reviewed Publications – Research Articles

1. J.H. Brown, I. Trilivas, **J. Trejo**, and E.A. Martinson (1990) Multiple pathways for signal transduction through the muscarinic cholinergic receptor. *Prog. Brain Res.* 84: 21-29
2. **J. Trejo** and J.H. Brown (1991) *C-fos* and *c-jun* are induced by muscarinic receptor activation of protein kinase C but are differentially regulated by intracellular calcium. *J. Biol. Chem.* 266: 7876-7882
3. **J. Trejo**, J.C. Chambard, M. Karin and J.H. Brown (1992) Biphasic increase in *c-jun* mRNA is required for induction of AP-1 mediated gene transcription: Differential effects of muscarinic and thrombin receptor activation. *Mol. Cell. Biol.* 12: 4742-4750

4. **J. Trejo**, T. Massamiri, T. Deng, N.N. Dewji, R. Bayney and J.H. Brown (1994) A direct role for protein kinase C and the transcription factor Jun/AP-1 in the regulation of the Alzheimer's β -amyloid precursor protein gene. *J. Biol. Chem.* 269: 21682-21690
5. J.L. Brown, L. Stowes, M. Baer, **J. Trejo**, S.R. Coughlin and J. Chant (1996) Human Ste20 homologue hPAK1 links GTPases to the JNK/MAP kinase pathway. *Curr. Biology* 6: 598-605
6. **J. Trejo**, A.J. Connolly and S.R. Coughlin (1996). The cloned thrombin receptor is necessary and sufficient for activation of mitogen-activated protein kinase and mitogenesis in mouse lung fibroblasts. Loss of responses in fibroblasts from receptor knockout mice. *J. Biol. Chem.* 271: 21536-21541
7. M.J. Shapiro, **J. Trejo**, D. Zeng and S.R. Coughlin (1996) Role of the thrombin receptor's cytoplasmic tail in intracellular trafficking. Distinct determinants for agonist-triggered *versus* tonic internalization and intracellular location. *J. Biol. Chem.* 271: 32874-32880
8. **J. Trejo**, S.R. Hammes and S.R. Coughlin (1998) Termination of signaling by protease-activated receptor-1 is linked to lysosomal sorting. *Proc. Natl. Acad. Sci. USA* 95: 13698-13702
9. **J. Trejo** and S.R. Coughlin (1999) The cytoplasmic tails of protease-activated receptor-1 and substance P receptor specify sorting to lysosomes *versus* recycling. *J. Biol. Chem.* 274: 2216-2224
10. M.L. Kahn, T. G. Diacovo, D.F. Bainton, F. Lanza, **J. Trejo** and S.R. Coughlin (1999) Glycoprotein V deficient platelets have undiminished thrombin responsiveness and do not exhibit a Bernard-Soulier phenotype. *Blood*, 94: 4112-4121
11. **J. Trejo**, Y. Altschuler, H.-W. Fu, K.E. Mostov and S.R. Coughlin (2000) Protease-activated receptor-1 down-regulation: A mutant HeLa cell line suggests novel requirements for PAR1 phosphorylation and recruitment to clathrin-coated pits. *J. Biol. Chem.* 275: 31255-31265
12. M. M. Paing, A.B. Stutts, T.A. Kohout, R.J. Lefkowitz and **J. Trejo** (2002) β -arrestins regulate protease-activated receptor-1 desensitization but not internalization or down-regulation. *J. Biol. Chem.* 277: 1292-1300
13. Y. Wang, Y. Zhou, K. Szabo, C.R. Haft and **J. Trejo** (2002) Down-regulation of protease-activated receptor-1 is regulated by sorting nexin 1. *Mol. Biol. Cell* 13: 1965-1976
This work was highlighted in a commentary entitled "Cell Biology; A last GASP for GPCRs" published in Science 2002 Vol 297:529-631
14. **J. Trejo** (2003) Protease-activated receptors: New concepts in regulation of G protein-coupled receptor signaling and trafficking. *Perspectives in Pharmacology. J. Pharm. Exper. Ther.*, 307: 437-442
15. M.A. Booden, L. Ekert, C.J. Der and **J. Trejo** (2004) Persistent signaling by dysregulated thrombin receptor trafficking promotes breast carcinoma cell invasion. *Mol. Cell. Biol.* 24: 1990-1999
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