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CURRENT TITLE

2019-present	Senior Investigator, Developmental Neurobiology Group, National Institutes of Health, NIEHS
2009-2019	Tenure Track Investigator, Developmental Neurobiology Group, National Institutes of Health, NIEHS

EDUCATION and TRAINING

1993	B.S., Microbiology, Florida Atlantic University
1997-2002	Ph.D., Anatomy and Neurobiology University of Tennessee Health Science Center, Dan Goldowitz, Ph.D., advisor
2002-2005	Postdoctoral Fellow, Department of Developmental Neurobiology, St. Jude Children's Research Hospital, Tom Curran, Ph.D., advisor
2005-2009	Postdoctoral Fellow, Department of Genetics, Harvard Medical School, Susan Dymecki, M.D., Ph.D., advisor
2014	NIEHS Supervisory Leadership Development Program

TEACHING EXPERIENCE

1998-2002	Graduate Teaching Assistant, University of Tennessee Health Science Center, College of Medicine (Histology and Neuroanatomy)
2008-2009	Lecturer, Biological and Biomedical Sciences, Harvard Medical School (Genetics Bootcamp)
2013-present	Primary Faculty, Neuroscience Curriculum, University of North Carolina, Chapel Hill (Neuro Molecular Genetics Lecture I, II)

AWARDS

1997-1999	Neuroscience Predoctoral Fellowship, Center for Neuroscience University of Tennessee Health Science Center
2000	Society for Neuroscience Chapters Travel Award
2000-2002	Neuroscience Predoctoral Fellowship, Center for Neuroscience University of Tennessee Health Science Center
2006-2008	Charles H. Hood Foundation Fellowship
2008-2009	William Randolph Hearst Fellowship

PROFESSIONAL ACTIVITIES

Membership to Professional Organizations

1997-present	Society for Neuroscience
2009-2011	Society for Serotonin Research
2011-present	Catecholamine Society
2014-present	Triangle Chapter, Society for Neuroscience
2019	International Behavioural and Neural Genetics Society

Ad Hoc Reviewer

Nature Neuroscience
Molecular Psychiatry
Biological Psychiatry
Journal of Clinical Investigation
Brain Research
Brain Structure & Function
PLoS One
The Anatomical Record
Journal of Neuroscience

Extramural Service

2011	Panelist, UNC Chapel Hill Career Development Symposium
2011	Panelist, Duke University Managing a Lab Symposium
2014-present	Member, Outreach Committee, Triangle Chapter, Society for Neuroscience
2014-present	Member, Executive Committee, Triangle Chapter, Society for Neuroscience
2014	Organizer, Town Hall Meeting with Congressman David Price (D-NC), Triangle Chapter, Society for Neuroscience
2014	Chair, Developmental Neurobiology Social, Society for Neuroscience Annual Meeting, Washington, DC
2014-2016	President-Elect, Triangle Chapter, Society for Neuroscience
2015	Organizer, Triangle Chapter, Society for Neuroscience, Annual Spring Conference

2016	Organizer, Triangle Chapter, Society for Neuroscience, Annual Spring Conference
2016-present	President, Triangle Chapter, Society for Neuroscience
2017	Organizer, Triangle Chapter, Society for Neuroscience, Annual Spring Conference
2017	Chair, Developmental Neurobiology Social, Society for Neuroscience Annual Meeting, Washington, DC
2018	Organizer, Triangle Chapter, Society for Neuroscience, Annual Spring Conference
2019	Panelist, Professional Development Workshop, International Behavioural and Neural Genetics Society, 21 st Annual Meeting, Edinburgh, Scotland

Intramural Service

2010	Panelist, NIEHS Trainee Grant Writing Workshop
2010	Member, NIH Earl Stadtman Investigator Search Committee, Neurobiology
2010-present	Member, NIEHS Women of Science Group
2011	Panelist, NIEHS Summer Internship Program, Career Options in the Biomedical Sciences
2011	Speaker, NIEHS Summer Internship Program, The Environment and the Developing Brain
2012	Member, NIEHS Animal Program Director Search Committee
2012-2017	Organizer, NIEHS Neurobiology Laboratory Seminar Series
2013	Member, NIEHS Staff Scientist Search Committee, Mammalian Genome Group
2013	Chair, NTP Staff Scientist Search Committee, Neurodevelopmental Toxicologist
2013-2017	Member, NIEHS Radiation Safety Committee
2014	Participant, NIEHS Supervisory Leadership Development Program
2016	Member, NIEHS Deputy Chief of the Comparative Medicine Branch Search Committee
2016	Member, NIEHS Neurobehavioral Core Manager Search Committee
2017	Member, NIEHS Reproductive and Developmental Biology Laboratory TTI Search Committee
2018	Member, NIEHS Neurobiology Laboratory TTI Search Committee
2019	Member, NIEHS Renovation Lab user Group
2019	Co-Chair, Stadtman Search Neurodevelopment Committee

Invited Oral Presentations

07/2008	Second EPHAR Serotonin Satellite Meeting, Oxford, England
04/2012	University of North Carolina, Chapel Hill, Neuroscience Seminar Series

05/2012 Cornell University, Department of Molecular Medicine Seminar Series

01/2013 Winter Conference on Brain Research, Breckenridge, CO

03/2013 Drexel College of Medicine, Anatomy and Neurobiology Seminar Series

11/2013 Duke University, Integrated Toxicology and Environmental Health Program Seminar Series

12/2013 National Institute on Drug Abuse, IRP Seminar Series

05/2014 University of British Columbia, Brain Research Center Seminar Series

06/2014 Plenary Lecture, Second Neural Circuit Colloquium, Montpellier, France

10/2014 Duke University, Department of Cell Biology Seminar Series

11/2014 44th Annual Society for Neuroscience Meeting, Minisymposium, Noradrenergic Function and Dysfunction: New Insight from Selective Genetic Targeting of Locus Coeruleus, Washington, DC

05/2015 Wake Forest School of Medicine and the Western North Carolina Chapter of the Society for Neuroscience Seminar Series

06/2015 National Institute on Drug Abuse, IRP Seminar Series

08/2015 Gordon Research Conference: Frontiers in Catecholamine Function from Synapses to Disease, Newry, ME

01/2016 Winter Conference on Brain Research, Breckenridge, CO

06/2016 Monitoring Molecules in Neuroscience 16th International Conference, Gothenburg, Sweden

12/2016 North Carolina State University, Biological Sciences Seminar Series

05/2017 Keynote speaker, Celebration of Women in Science Research Symposium, Duke University

02/2019 Washington University Hope Center for Neurological Diseases Seminar Series

03/2019 Emory University, Department of Pharmacology and Molecular & Systems Pharmacology Seminar Series

04/2019 Iowa State University, Department of Biomedical Sciences Seminar Series

05/2019 Simons Initiative for the Developing Brain Symposium, University of Edinburgh, Edinburgh, Scotland

05/2019 International Behavioural and Neural Genetics Society, 21st Annual Meeting, Edinburgh, Scotland

06/2019 Rowan University, Cell Biology Seminar Series

08/2019 Gordon Research Conference. Complexity and Diversity in Catecholamine Neurobiology: From Molecule to Circuits to Behavior, Newry, ME

10/2019 50th Annual Society for Neuroscience Meeting, Minisymposium, Redefining Neuromodulation of Behavior: Impact of a Modular Locus Coeruleus Architecture, Chicago, IL

01/2020 Winter Conference on Brain Research, Big Sky, MT

02/2020	NCSU-Center for Human Health and the Environment Meeting, Raleigh, NC
03/2020	Alcohol and the Nervous System Gordon Research Conference, Galveston, TX
04/2020	Yale School of Medicine, Department of Psychiatry Seminar Series
06/2020	St. Jude Children's Research Hospital, Department of Developmental Neurobiology Seminar Series

TRAINEES

Current

06/2014-present	Natale Sciolino, Ph.D., Postdoctoral Fellow
02/2015-present	Irina Evsyukova, Ph.D., Research Fellow
10/2018-present	Leslie Wilson, Ph.D., Postdoctoral Fellow
03/2019-present	Catherine Mason, Postbaccalaureate IRTA
06/2019-present	Naudia Gay, Undergrad. Saint Augustine's University, NIEHS Scholars Connect
09/2019-present	Madeline Hsiang, Postbaccalaureate IRTA
09/2019-present	Daniela Patino, Postbaccalaureate IRTA
12/2019-present	Philip Kindler, Postbaccalaureate IRTA

Former Postdoctoral Fellows

08/2010-12/2013	Jacqueline de Marchena Powell, Ph.D. Current position: Senior Medical Writer, Inventive Health Clinical
07/2010-06/2014	Sabrina Robertson, Ph.D. Current position: Teaching Assistant Professor, Director of Undergraduate Neuroscience Research, UNC-Chapel Hill
01/2015-05/2018	Yu-Wei Chen, Ph.D. Current position: Senior Scientist, GBT San Francisco

Former Postbaccalaureate Fellows/Undergraduate Students

07/2012-12/2013	Taylor Wolfgang, Postbaccalaureate IRTA Current position: Residency in Internal Medicine, Tufts Medical Center
06/2014-08/2016	Kathleen Smith, Postbaccalaureate IRTA Current position: Biologist, Developmental Neurobiology Group, NIEHS
06/2014-06/2017	Grace Jones, Postbaccalaureate IRTA Current position: EMS Technician Durham/Applying to Physician Asst. programs.
06/2016-08/2017	Jaisal Amin, Undergraduate student at NC State University, NIEHS Scholars Connect Current position: Columbia University, PhD Program in Statistics

06/2017-08/2017 Keandra Jenkins, Undergraduate student UNC-Chapel Hill, NIEHS Scholars Connect

06/2017-04/2018 Janiece Morgan, Undergraduate student Duke University, NIEHS Scholars Connect
Current position: applying to medical school

06/2018-04/2019 Yasmine Hossamy, Undergrad. NC State University, NIEHS Scholars Connect. Current position: Undergrad. NC State

07/2017-06/2019 Jeanne Powell, PostBac IRTA
Current position: Emory Ph.D. program in Psychology, Neuroscience and Animal Behavior; Recipient of George W. Woodruff Fellowship

Former Summer Students/Volunteers

06/2012-08/2013 Forrest Ashworth, Student, NC School of Science and Mathematics
Placement: Undergraduate student UNC-Chapel Hill

05/2015-07/2016 Daniel Malawsky, Student, Univ. of North Carolina School of the Arts
Current position: Morehead-Cain Scholar, UNC-Chapel Hill; Churchill Scholarship, University of Cambridge

05/2015-07/2015 Ying Chen (Bailey) Lien, Undergraduate student, Udall Scholar, University of Pittsburg
Current position: Medical student, Lewis Katz School of Medicine, Temple University

06/2016-08/2017 Sofia Pauca, Student, Mount Tabor High School, Winston-Salem, NC
Current position: Undergraduate student, Princeton University

06/2016-06/2017 Cindy Yang, Student, Glenbrook South High School, Glenview, Illinois
Current position: Undergraduate student, MIT

05/2017-07/2017 Jonathan Scher, Undergraduate student, University of Michigan-Ann Arbor

05/2018-12/2018 Hannah Yoder, Student, Research Triangle High School, Durham, NC
Current position: Undergraduate student, Wake Forest University

05/2019-current Casey Baird, Undergraduate student, NCSU

Trainee Awards/Honors

2012 Catecholamine Society Travel Award to Jacqueline de Marchena

2012 Irwin J. Kopin Travel Fellowship to Sabrina Robertson

2012 NC International Science Challenge to Forrest Ashworth

2012 2013 NIH Fellows Award for Research Excellence (FARE) to Jacqueline de Marchena Powell

2013 NIEHS Summer Internship Program, Best Poster Presentation to Forrest Ashworth

2013 NIEHS Science Day, Best Oral Presentation to Sabrina Robertson

2013 [Research Featured in NIEHS Environmental Factor, September](#)
Robertson, Plummer *et al*, *Nature Neuroscience*

2013 Intramural Paper of the Month, NIEHS Environmental Factor, October
Robertson, Plummer *et al*, *Nature Neuroscience*

2013 [NIEHS Paper of the Year](#). Robertson, Plummer *et al*, *Nature Neuroscience*

2013 [Research highlighted on NIH Intramural Research Program Accomplishments website](#). Robertson, Plummer *et al*, *Nature Neuroscience*

2013 2014 NIH Fellows Award for Research Excellence (FARE) to Sabrina Robertson

2015 NIEHS Summer Internship Program, Best Poster Presentation to Bailey Lien

2015 [Research Featured in The Jackson Laboratory News and Insights, December](#). Plummer *et al*, *Development*.

2016 Intramural Paper of the Month, NIEHS Environmental Factor, February
Plummer *et al*, *Development*

2016 2017 NIH Fellows Award for Research Excellence (FARE) to Yu-Wei Chen

2016 [Research Featured in NIEHS Environmental Factor, July](#)
Sciolino, Plummer *et al*, *Cell Reports*

2016 [Research featured in NIH Catalyst, a publication from NIH Office of the Director highlighting Intramural research, July-August](#)
Sciolino, Plummer *et al*., *Cell Reports*

2016 Intramural Paper of the Month, NIEHS Environmental Factor, September
Sciolino, Plummer *et al*, *Cell Reports*

2017 NIEHS Summer Internship Program, Best Poster Presentation to Sofia Pauca

2017 NIEHS Scholars Connect Program, Best Poster Presentation to Janiece Morgan

2018 Society for the Study of Ingestive Behavior, New Investigator Travel Award to Natale Sciolino

2018 Society for Neuroscience-Triangle Chapter, Best Poster Presentation Travel Award to Natale Sciolino

2018 2019 NIH Fellows Award for Research Excellence (FARE) to Natale Sciolino

2018 NIEHS Scholars Connect Program, Best Poster Presentation to Yasmine Hossamy

2018 [Research Featured in NIEHS Environmental Factor, September](#)
Chen *et al*, *Molecular Psychiatry*

2018 Intramural Paper of the Month, NIEHS Environmental Factor, October
Chen *et al*, *Molecular Psychiatry*

2018 NIEHS Science Day, Best Poster Presentation to Irina Evsyukova

2018 [NIEHS Paper of the Year](#). Chen *et al*, *Molecular Psychiatry*

2019 K99/R00 (NIDDK) to Natale Sciolino, Defining locus coeruleus-norepinephrine circuits in feeding

- 2019 Research selected to be highlighted on IRP Accomplishments website.
Chen et al, *Molecular Psychiatry*
- 2019 NIH Postbac Poster Day, Outstanding poster to Jeanne Powell
- 2019 NIEHS Scholars Connect Program, Best Poster Presentation to Naudia Gay
- 2019 2020 NIH Fellows Award for Research Excellence (FARE) to Irina Evsyukova

Thesis/mentoring committees

- 2015-present Esteban Oyarzabal, laboratory of Ian Shih, University of North Carolina, Chapel Hill

BIBLIOGRAPHY

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Yang H, **Jensen P**, Goldowitz D. The community effect and Purkinje cell migration in the cerebellar cortex: Analysis of scrambler chimeric mice. *Journal of Neuroscience* (2002) 22: 464-470. PMID: 11784791.

Jensen P, Zohngbi H, Goldowitz D. Dissection of the cellular and molecular events that position cerebellar purkinje cells: a study of the math1 null-mutant mouse. *Journal of Neuroscience* (2002) 22:8110-8116. PMID: 12223565.

Lee Y, Miller HL, **Jensen P**, Hernan R, Connelly M, Wetmore C, Zindy F, Roussel MF, Curran T, Gilbertson RJ, McKinnon PJ. A molecular fingerprint for medulloblastoma. *Cancer Research* (2003) 63:5428-5437. PMID: 14500378.

Jensen P, Smeyne R, Goldowitz D. Analysis of cerebellar development in math1 null embryos and chimeras. *Journal of Neuroscience* (2004) 24:2202-2211. PMID: 14999071.

***Jensen P**, *Magdaleno S, Lehman KM, Rice DS, Lavallie ER, Collins-Racie L, McCoy JM, Curran. A neurogenomics approach to gene expression analysis in the developing brain. *Molecular Brain Research* (2004) 132:116-127. ***Equal contribution**. PMID: 15582152.

Taylor MD, Poppleton H, Fuller C, Su X, Liu X, **Jensen P**, Magdaleno S, Dalton J, Calabrese C, Board, J, MacDonald T, Rutka J, Guha A, Gajjar A, Curran T, Gilbertson RJ. Clinical subgroups of ependymoma arise from distinct populations of radial glial cells. *Cancer Cell* (2005) 8:323-335. PMID: 16226707.

*Magdaleno S, ***Jensen P**, Seal A, Lehman K, Asbury A, Cheung T, Cornelius T, Batten DM, Eden C, Norland S, Rice DS, Dosooye N, Shakya S, Mehta P, Curran T. The brain gene map (BGEM): A database containing in situ hybridization data of gene expression in the developing and adult mouse nervous system. *PLoS Biology* (2006) Apr;4(4):e86. ***Equal contribution**. PMID: 16602821 PMCID: PMC1413568.

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***Jensen P**, *Farago AF, Awatramani RB, Scott MM, Deneris ES, Dymecki SM. Redefining the serotonergic system by genetic lineage. *Nature Neuroscience* (2008) 11:417-19. ***Equal contribution** PMID:18344997; PMCID: PMC289716.

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Jensen P and Dymecki SM. Essentials of recombinase-based genetic fate mapping in mice. *Methods in Molecular Biology* (2014) 1092:437-54. PMID: 24318835; PMCID: PMC4035813.

Plummer NW, Evsyukova IY, Robertson SD, de Marchena J, Tucker CJ, **Jensen P**. Expanding the power of recombinase-based labeling to uncover cellular diversity. *Development* (2015) 142(24):4385-93. PMID: 26586220; PMCID: PMC4689223.

Robertson SD, Plummer NW, **Jensen P**. Uncovering diversity in the development of central noradrenergic neurons and their efferents. *Brain Research* (2016) 1641 (Pt B):234-44. [This article is part of a Special Issue entitled: Noradrenergic System](#). PMID:26612521; PMCID: PMC4901874.

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Chen YW, Das M, Oyarzabal EA, Cheng Q, Plummer NW, Smith KG, Jones GK, Malawsky D, Yakel JL, Shih YYI, **Jensen P**. Genetic identification of a population of noradrenergic neurons implicated in attenuation of stress-related responses. *Molecular Psychiatry* (2018) PMID: 30214043; PMCID: PMC6416086.

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Chandler DJ, **Jensen PJ**, McCall JG, Pickering AE, Schwarz LA, Totah NK. Redefining noradrenergic neuromodulation of behavior: impacts of a modular locus coeruleus architecture. *Journal of Neuroscience* (In press). **All authors contributed equally**