Cheryl J. Park, Ph.D

Biology Department
Northeastern Illinois University
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EDUCATION

2003-2010 Ph.D. Neurobiology and Physiology
Northwestern University, Evanston, Illinois

RESEARCH EXPERIENCE

2003-2010 Doctoral Research, Neuroscience
Northwestern University, Evanston, Illinois
Research Advisor: Jon E. Levine, Ph.D.
Dissertation: Hypothalamic molecular and signal transduction mechanisms governing energy homeostasis

1997-1999 Research Technician, Neuroscience and Pharmacology
Evanston Northwestern Healthcare and Research Institute, Evanston, Illinois

TEACHING EXPERIENCE

2022-present Biology Senior Instructor
Northeastern Illinois University, Chicago, Illinois

2010-2022 Biology Instructor
Northeastern Illinois University, Chicago, Illinois

2006-2010 Mentor for undergraduate and graduate students' theses research
Science & Engineering Research & Teaching Synthesis (SERTS)

2004-2005 Teaching Assistant at Northwestern University
Central Nervous System and Vertebrate Endocrinology

AWARDS AND FELLOWSHIPS

2022-23 Northeastern Illinois University Teaching Excellence Award
2019-20
2016-17
2014-15
2010-11

2009 The Endocrine Society, 91st Annual Meeting: Travel Grant Award

2009 The Graduate School Travel Award, Northwestern University

2008 The Constance Campbell Research Award for presentations, 29th Annual Minisymposium, Northwestern University

2007 The Endocrine Society, 89th Annual Meeting: Travel Grant Award

PROFESSIONAL AFFILIATION

Society for Neuroscience, The Endocrine Society

ADDITIONAL EXPERIENCE (*Selected*)

2022-24 Faculty STEM Pathways Leader for Advancing Research and Career Opportunities in STEM

2015 Discussant for the Northeastern Illinois University Economic Inequality Initiative: Challenges of first-generation college students pursuing STEM careers

2005-2009 Moderator for the Northwestern University Center for Reproductive Science 26th, 27th , 29th , and 30th Annual Minisymposium on Reproductive Biology

2006 Edited *Endocrinology* (6th edition, Prentice Hall) in collaboration with research advisor and author, Jon Levine

PUBLICATIONS (*Selected*)

Park C, Zhao Z, Clegg DJ, Weiss J, Glidewell-Kenney C, Chambon P, Jameson JL, Levine JE. (2011) Genetic Rescue of Nonclassical ERα Signaling Normalizes Energy Balance in Obese, ERα null mutant mice. *Journal of Clinical Investigation* 121(2): 604-12.

Zhao Z, **Park C**, McDevitt MA, Glidewell-Kenney C, Chambon P, Weiss J, Jameson JL, and Levine JE. (2009) p21-Activated Kinase Mediates Rapid Estradiol-Negative Feedback Actions in the Reproductive Axis. *Proc. Natl. Acad. Sci. USA* 106(17):7221-6.

Sleiter N, Pang Y, **Park C**, Horton TH, Dong J, Thomas P, Levine JE.(2009) Progesterone Receptor A and B-independent effects of Progesterone on GnRH Release. *Endocrinology* 150(8):3833-44.

CONFERENCE PRESENTATIONS (*Selected*)

Cheryl Park, Zhen Zhao, Debbie Clegg, Jeff Weiss, Christine Glidewell-Kenney, Pierre Chambon, Larry Jameson and Jon Levine. (2009) Genetic rescue of nonclassical ERα signaling normalizes energy balance in obese, ERα null mutant mice. Oral presentation at the Endocrine Society 91st Annual Meeting, Washington, DC.

Zhen Zhao, **Cheryl Park**, Melissa A McDevitt, Mariana Jimenez, Maricedes Acosta-Martínez, Jeffery Weiss, J Larry Jameson and Jon E Levine (2008) p21-activated kinases (PAKs) mediate

rapid non-classical estradiol (E_2) negative feedback actions in the hypothalamus. Oral presentation at the 38th annual meeting of the Society for Neuroscience, Washington, DC.

Cheryl Park, Claire Capshew, Melissa A. McDevitt, Debbie J Clegg, Jody Caldwell, Christine Glidewell-Kenney, Jeffrey Weiss, J. Larry Jameson, Jon E. Levine (2008) Non-classical ERα signaling mediates hypophagia in male ERα null mutant mice. Poster presentation at the Endocrine Society 90th Annual Meeting, San Francisco, CA.

Cheryl Park, Terry Horton, Jon E. Levine (2007) Nuclear progesterone receptors mediate stimulation of food intake and visceral adiposity by progesterone. Poster presentation at the Endocrine Society 89th Annual Meeting, Toronto, Ontario.