

Randy Nelson

Professor and Chair | Department of Neuroscience at The Ohio State University
Columbus, OH, US

Expert in biological rhythms, sleep, neuroinflammation and behavioral endocrinology.

Description

Dr. Nelson is Professor and Chair of the Department of Neuroscience at The Ohio State University Medical Center. He holds the Dr. John D. and E. Olive Brumbaugh Chair in Brain Research and Teaching. Dr. Nelson also holds joint appointments as Professor of Psychology and Evolution, Ecology and Organismal Biology. He directs the OSU Behavioral Phenotyping Core.

Dr. Nelson earned his AB degree in Psychology at the University of California at Berkeley. He began his graduate career at Berkeley with Dr. Frank Beach. After receiving his MA in Psychology, he began focusing on studies of biological rhythms with Dr. Irving Zucker. He earned a PhD in Psychology in 1983, as well as a second PhD in Endocrinology in 1984 from the University of California at Berkeley. Dr. Nelson then completed a postdoctoral fellowship in reproductive physiology with Drs. Frank Bronson and Claude Desjardins at the Institute for Reproductive Biology at the University of Texas, Austin from 1984-1986.

Dr. Nelson served on the faculty at Johns Hopkins from 1986-2000 when he moved to Ohio State. He has published over 350 scientific articles and several books describing studies in biological rhythms, behavioral neuroendocrinology, stress, immune function, sex and aggressive behavior. He has been elected to Fellow status in several scientific associations including the American Association for the Advancement of Science, American Psychological Association, Association for Psychological Science, and the Animal Behavior Society. Nelson has served on many federal grant panels and currently serves on the editorial boards of five scientific journals. Dr. Nelson currently serves as the associate editor for *Hormones and Behavior*. He was awarded the Distinguished Scholar Award at OSU in 2006, as well as the University Distinguished Lecturer, and the OSU Alumni Award for Distinguished Teaching in 2009. In 2012, he was appointed as Distinguished Professor of the College of Medicine, and in 2013 the Board of Trustees conferred the title of Distinguished University Professor upon Dr. Nelson.

Industry Expertise

Education/Learning

Topics

Nighttime light exposure, Biological rhythms, Sleep, Neuroinflammation, Behavioral endocrinology

Affiliations

Behavioral Neuroscience (Editorial Board), Brain, Behavior and Immunity (Editorial Board), *Hormones & Behavior* (Associate Editor), *International Journal of Zoology* (Editorial Board), *Journal of Biological Rhythms* (Editorial Board), *Journal of Experimental Biology* (Associate Editor), *Physiology & Behavior* (Editorial Board)

Education

University of California, Berkeley
Ph.D Endocrinology

University of California, Berkeley
Ph.D Psychology

University of California, Berkeley
MA Psychology

University of California, Berkeley
AB Psychology

Accomplishments

Daniel S. Lehrman Lifetime Achievement Award in Behavioral Neuroendocrinology
2016

Howard Bern Memorial Lecture
2015

Distinguished University Professor
2013
Ohio State University

Distinguished Professor
2011
Ohio State College of Medicine

Brumbaugh Chair in Brain Research and Teaching
2009
Ohio State University Medical Center

Recipient OSU Alumni Distinguished Teaching Award
2009

Recipient OSU Distinguished Lecture Award
2009

Recipient OSU Psychology Department Fred Brown Research Award
2008

Elected Fellow, Animal Behavior Society
2007

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