

CURRICULUM VITAE

Mary Jane West-Eberhard

Education

Plymouth Community Schools, Plymouth, Michigan
B. A. (zoology) - University of Michigan, 1963.
M. S. (zoology) - University of Michigan, 1964.
Ph.D. (zoology) - University of Michigan, 1967.

Experience:

Curatorial and research assistant, Insect Division, University of Michigan Museum of Zoology (1961-62)
Research Assistant, Marine Biological Laboratories, Woods Hole (1962)
Teaching Fellow, Department of Zoology, University of Michigan (1963-65)
Visiting Investigator, Departamento de Biología, Universidad del Valle, Cali, Colombia (1964-65)
Postdoctoral Fellow in Biology, Harvard University (1967-69)
Staff member ad honorem, Departamento de Biología, Universidad del Valle, Cali, Colombia (1972-78)
Associate, Smithsonian Tropical Research Institute, (1973-75)
Entomologist, Smithsonian Tropical Research Institute (1975-1991)
Senior Scientist, Smithsonian Tropical Research Institute (1991-2012)
Senior Scientist Emerita, Smithsonian Tropical Research Institute (2012-present)
Adjunct Professor, Biological Science and Natural History Museum, Louisiana State University (2012-present)

Memberships in Professional Societies:

International Union for the Study of Social Insects (current)
American Society of Naturalists (current)
Society for the Study of Evolution (lifetime member)
International Society of Hymenopterists
Bombay Natural History Society (lifetime member)
European Society for the Study of Evolution
Animal Behavior Society (lifetime member)

Advisory Committees and Boards of Directors:

International Committee, International Union for the Study of Social Insects (1977-1990)
Board of Directors, Western Hemisphere Section, International Union for the Study of Social Insects (1981-84)
International Committee, International Congress of Systematic and Evolutionary Biology (1979)
Nominating Committee, American Society of Naturalists (1984)
Board of Directors, Organization for Tropical Studies, (1985-1987)

La Selva Advisory Committee, Organization for Tropical Studies (1985-90)
Advisory Committee, Monteverde Conservation League
Committee on Human Rights, U.S. National Academy of Sciences (appointed, 1990-1993; re-appointed 1993-1997; 2000-2004; 2005-present); Vice Chair (2008-present)
Board of Directors, American Entomological Institute (1995-2009)
Advisor, National Research Council, Joint Program, U.S. and Mexican Academies of Science (1991-95)
U.S. National Academy of Sciences, Joint Nominating Committee, Foreign Associates, South and Central America; Class II (biological sciences) (1998-2015)
Science Board, Santa Fe Institute (1998-2004)
Research Advisory Committee, Organization for Tropical Studies (1998-2005)
Advisory Council, Princeton University Department of Ecology and Evolutionary Biology (2002-2007)
International Advisory Council, National Center for High Technology (CENAT), Costa Rica (2003-2010)
Advisory Council, National Center for Science Education (2012-present)
State of the Nation Report, Costa Rica, Section on Science and Technology (2012-2014)

Editorial Boards:

EVOLUTIONARY MONOGRAPHS
COLEMANIA (Colombia) (1975-1979)
BIOTROPICA (1992-1997)
BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY (1984-1997)
BRENESIA (Costa Rica) (1985-1995)
INSECTES SOCIAUX (1978-1999)
ETHOLOGY, ECOLOGY AND EVOLUTION (1988-present)
TROPICAL ZOOLOGY (1988-present)
EVOLUTION & DEVELOPMENT (1999-Present)
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES Member
Editor (1988-present)
PHILOSOPHY, THEORY, AND PRACTICE IN BIOLOGY [(2009-)

Honors and Awards:

Phi Beta Kappa (University of Michigan 1963)
Woodrow Wilson Fellow (Hon.) (1963)
Rackham Fellow, University of Michigan (1965-66)
Edward C. Walker Scholar, University of Michigan (1966)
Milton Fellow, Harvard University (1968-69)
Summer Research Fellow, E.N. Huyck Preserve (1968)
Distinguished Visiting Scientist, University of Michigan Museum of Zoology (1982)
Elected Vice President, Society for the Study of Evolution (1987)
Elected Member National Academy of Sciences, U.S.A. (1988)
Elected President, Society for the Study of Evolution (1992)

Elected Member American Academy of Arts and Sciences (1996)
Elected Foreign Member National Academy of Sciences of Costa Rica, (2002)
Sewell Wright Award, American Society of Naturalists (2003)
Hawkins Award, Highest Award of the American Association of Publishers, for best
scholarly book of 2003 (*Developmental Plasticity and Evolution*)
Hamilton Lecturer, International Society of Behavioral Ecology, Jyvaskyla Finland
(2004)
Elected Foreign Member, Accademia Nazionale dei Lincei, Rome (2005)
Elected Fellow, Animal Behavior Society (2009)
Vice-chair, Committee on Human Rights, National Academy of Sciences USA,
National Academy of Medicine, National Academy of Engineers (2010-present)
Quest Award for Lifetime Achievement, Animal Behavior Society (2012)
Hamilton Award, International Union for the Study of Social Insects (2014)
Rudolph Raff Pioneers Award, Pan-American Society of Evolutionary
Developmental Biology (2019)