

Curriculum Vitae

Russell Dawson Fernald

Birthplace: Chuquicamata, Chile

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Education:

Swarthmore College, Swarthmore, PA, B.S., 9/59-6/63
University of Pennsylvania, Philadelphia, PA, Ph.D., 9/63-1/68 (Biophysics)
Max-Planck-Institut für Psychiatrie, Munich, West Germany,
Post-doctoral Fellowship, 1969-71 (Neurophysiology)

Academic Awards:

Ford Foundation Pre-doctoral Fellowship, 1963-64
NIH Pre-doctoral Fellowship, 1964-68
Max Planck Institut Post-doctoral Fellowship, 1969-71
NIH Research Career Development Award, 1978-83
NIH Fogarty Senior International Fellowship, 1985-86
(Medical Research Council, London)
Hilgard Visiting Professorship, Stanford University, 1988-89
Benjamin Scott Crocker Professor of Human Biology, Stanford University, 1994-
Javits Neuroscience Investigator Award, National Institute of Neurological
Disorders and Stroke, 1999-2006
Fellow-American Association for Advancement of Science, 2003
Rank Prize in Vision/Opto-electronics, 2004

Professional Experience:

Doctoral student (with Dr. George Gerstein), University of Pennsylvania,
Philadelphia, PA, 1963-68.

Max-Planck Postdoctoral Fellow (with Professor Otto Creutzfeldt), Max-Planck-
Institute for Psychiatry, Munich, W.Germany, 1969-71.

Institute Scientist, Max-Planck-Institute for Behavioral Physiology, (with
Professor Konrad Z. Lorenz), Seewiesen, W. Germany, 1971-73.

Staff Scientist, Max-Planck-Institute for Behavioral Physiology, Seewiesen, W. Germany, 1973-76.

Assistant Professor, Department of Biology, University of Oregon, Eugene, OR, 1976-80.

Associate Professor, Department of Biology and Institute of Neuroscience, University of Oregon, Eugene, OR, 1980-86.

Visiting Professor, Department of Anatomy, University of Colorado Medical School, Denver, CO, 1984.

NIH Fogarty Research Scientist, Medical Research Council for Cell Biophysics, London, England, 1984-85.

Professor of Biology, University of Oregon, Eugene, OR, 1986-90.

Hilgard Visiting Professor, Stanford University, Stanford CA, 1987-88.

Director, Institute of Neuroscience, University of Oregon, Eugene, OR, 1986-90.

Visiting Professor, Neuroscience Program, University of California at San Francisco, 1987-88

Instructor, Neural Systems and Behavior Course, Marine Biological Laboratory, Woods Hole, MA, 1987-90.

Professor of Psychology and Human Biology, Stanford University, Stanford CA, 1990-2004

Benjamin Scott Crocker Professor of Human Biology, Stanford University, Stanford CA 1994-

Director, Human Biology Program 1996-2003

Professor of Biological Sciences, Stanford University, Stanford CA, 2004-

Professional Activities:

Director, PHS Systems and Integrative Biology Training Grant, 1978-90.

Scientific Advisor for Smithsonian Institution Traveling Exhibit: *Kaleidoscopes: Reflections of Science and Art*, 1987-88.

NICHHD, Panel Member, 1984

NIGMS, Panel Chairman and Site Visitor, 1985-87

Society for Neuroscience, Chapters Committee: Member, 1988-92; Chairman, 1990-92;

Association for Research in Ophthalmology and Vision, Committee on Animal Research: Member, 1989-92; Chairman, 1990-92;

Editorial Board, *Neurobiology and Behavior Monographs*, Pitman 1980-present.

Editor, *Neuroethology Newsletter*, 1985-1994

Neuroethology Society, Council Member, 1987-1994

National Research Council, Panel member, 1986-1990

NIH, Study Section Member, Visual Sciences A-2, 1988-1992

Executive Editor, *Experimental Eye Research*, 1991-2000

Executive Committee, Society for Behavioral Neuroscience, 1997- 2001

Editorial Board, *Brain Behavior and Evolution*, 1998-

Editorial Advisory Board, *Journal of Comparative Physiology*, 2000-

Advisory Board, Center for Behavioral Neuroscience, Emory University, 2002-

Editorial Board, *Endocrinology*, 2006-

Stanford University Teaching Awards:

Bing Prize for Excellence & Innovation in Undergraduate Teaching: 1996-1999

Cox Medal for Excellence in Fostering Undergraduate Research: 1998

Dinkelspiel Prize for Outstanding Contributions to Undergraduate Education: 2000

Outstanding Advisor, Human Biology Program: 2000

Bass University Fellow in Undergraduate Education: 2003-2008

Stanford University Activities:

Neuroscience Program, Ad Hoc Committee to select a new director and evaluate the program, 1990.

Neuroscience Program, Steering Committee, 1990-present

Neuroscience Program, Admissions Committee, 1990-present

Member, Executive Committee, Stanford Brain Research Institute, 2003-

Human Biology Program, Steering Committee, Chairman, 1990-1994; 2005-

Director, Human Biology Program, 1996-2003

Minority Summer Research Program, Stanford Medical School, P. I., 1994-98

Minority Student Summer Mentor, 1994-

University Fellow, 1994-1996

Curriculum Committee, Humanities and Sciences, 1995-98

Committee on Academic Appraisal and Achievement, 1995-97

Faculty Advisory Board, Haas Center for Public Service 1996-2004
Chairman 1998-2002

Policy Board, Institute for Research on Women and Gender, 1996-99

Committee on Undergraduate Education 1997-2000
Chairman 1999-2000

Elected University Senate, 1998-2000; 2006-2008

University Search Committees:

Ombudsperson	2003
Dean of Students	2003
Selection of Assoc. Dean	2005