

Aaron P. Turkewitz, Ph.D.

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ACADEMIC APPOINTMENTS

1993-2000 Assistant Professor, Department of Molecular Genetics and Cell Biology, University of Chicago
2000-2014 Associate Professor, Department of Molecular Genetics and Cell Biology, University of Chicago
2014-present Professor, Department of Molecular Genetics and Cell Biology, University of Chicago

Ph.D.-Granting Committee, Program, Institute, and Center Appointments

1993- Committee on Genetics (now Committee on Genetics, Genomics & Systems Biology), University of Chicago
1998-2010 Committee on Cell Physiology, University of Chicago
2017- Committee on Microbiology, University of Chicago

ACADEMIC TRAINING

1997-1981 B.A., Biochemistry. Harvard University, Cambridge, MA
1981-1988 Ph.D, Biochemistry and Molecular Biology, Harvard University, Cambridge MA.
1989-1992 Postdoctoral fellow, Biochemistry and Biophysics, UCSF, San Francisco, CA
1992-1993 Visiting research fellow, Institute of Neurobiology, National Research Council, Rome, Italy

SCHOLARSHIP

<https://www.ncbi.nlm.nih.gov/pubmed/?term=turkewitz+ap>

HONORS, PRIZES, AND AWARDS

1978 National Merit Scholarship (1978)
1981 Elsbeth Kroeber Memorial Award in the Biological Sciences, Harvard University
1981-1984 National Science Foundation Graduate Fellowship
1989-1992 Helen Hay Whitney Postdoctoral Fellowship
1992 American Cancer Society Postdoctoral Fellowship
1992-1993 NSF-NATO research fellow
2001 Faculty Award for Excellence in Graduate Teaching
2011 Plenary speaker, International Congress on Protistology, Berlin Germany

2016-2021 Fulbright Specialist

INVITED SPEAKING (since 2000)

2000 Fred Hutchinson Cancer Research Center, Seattle, WA
2001 University of Pennsylvania, Philadelphia, PA
2002 University of Georgia, Athens
2003 Gordon Conference, Molecular Membrane Biology
FASEB Conference, Molecular Biology of the Ciliates
2004 University of Colorado, Boulder
Washington University, St. Louis
American Society for Cell Biology Annual Meeting
2005 FASEB Meeting: Ciliate Molecular Biology
University of Michigan, Ann Arbor
2007 Tamasek Life Sciences Laboratory, Singapore (Symposium: "Evolution of Form and Function in Cells and Organisms")
Northwestern University, Evanston IL
University of Padova, Italy
FASEB Conference on Ciliate Molecular Biology, Lucca, Italy
2008 Gordon Conference: Proprotein Processing and Secretion
University of Michigan, Ann Arbor
Lake Forest College, Illinois
2009 FASEB Meeting: Molecular Biology of the Ciliates
2011 Plenary speaker, International Congress on Protistology, Berlin Germany
Minisymposium invited speaker, ASCB Annual Meeting, Denver, Colorado
2012 Conference on "Evolutionary origins of Compartmentalized Cells", Bangalore India
Woods Hole Marine Biological Laboratory Physiology Course
London Research Institute, London, England
Dept of Pathology, Cambridge University, England
Dept of Genetics, Ecole Normale Supérieure, Paris, France
2013 John Hutton Memorial Symposium, University of Colorado Med. School, Denver CO
Dept. of Human Genetics, University of Michigan Ann Arbor
Conference organizer and speaker, FASEB Conference on Ciliate Molecular Biology, Steamboat Springs, CO
Session organizer, speaker, International Congress of Protistology, Vancouver Canada
2014 Dept. of Molecular Biology, University of Wyoming
Dept. of Biology, University of Washington
Gordon Conference on Protein Processing, Trafficking and Secretion
2015 Dept. of Pharmacology, University of Texas Southwestern, Dallas
Dept. of Biology, University of Illinois at Chicago
2016 Cell Biology Program, The Hospital for Sick Children, Toronto, Canada
NICT, Kobe, Japan
Institute of Molecular Biology, Academia Sinica, Taipei, Taiwan
2017 Dept. of Biochemistry, University of Wisconsin Madison.

INVITED, ELECTED, OR APPOINTED EXTRAMURAL SERVICE

- 1997 Organizer, minisymposium on membrane traffic, American Society for Microbiology Annual Meeting
- 1999 Co-organizer, FASEB Conference on Ciliate Molecular Biology
- 2002 Organizer, Midwest Protozoology Conference
- 2004 Co-organizer, Minisymposium on Regulated Secretion, American Society for Cell Biology Annual Meeting
- 2007 Program Committee Member, Annual Meeting of the American Society for Cell Biology
- 2008 Organizer (with J.K. Pritchard, J. Borevitz), Annual Symposium of the Committee on Genetics, Genomics and Systems Biology, on "Conservation Genetics"
- 2012 Co-organizer (with H. Goodson, M. Lynch) NSF-sponsored meeting on "Defining the Field of Evolutionary Cell Biology", Airlie Center, Virginia May 2012.
This meeting, which was initiated by an invitation from the National Science Foundation to Drs. Goodson and Lynch, and myself, resulted in a meeting report (authors: Goodson, Lynch, and Turkewitz) that can be found at <http://www.nsf.gov/pubs/2012/bio12009/bio12009.pdf>, a presentation at the NSF, and a follow-up meeting in September 2013.
- 2013 Primary organizer, FASEB Conference on Ciliate Molecular Biology, Colorado Springs
- 2013 Organizer, symposium on Evolutionary Protistology for International Congress of Protistology
- 2004-present Board of reviewers – Journal of Eukaryotic Microbiology
- 2006-2016 Editorial board – Eukaryotic Cell
- Various Manuscript reviewer for Aquatic Microbial Ecology, Biochimica et Biophysica Acta, BMC Biotechnology, BMC Microbiology, Comp. Biochem. Physiol. C Toxicol. Pharmacol., Current Biology, Eukaryotic Cell, European Journal of Cell Biology, Gene, Genetics, Journal of Biological Chemistry, Journal of Cell Biology, Journal of Cell Science, Journal of Eukaryotic Microbiology, Journal of Clinical Investigation, Journal of Molecular Evolution, Molecular and Cellular Biology, Molecular Biology of the Cell, Molecular Cell, Molecular Microbiology, Nature Biotechnology, Nature Nanotubes, PeerJ, PLoS Biology, PLoS Microbiology, PLoS One, Protist, Traffic
- 2011-present I am PI and director of an NSF-funded Research Experiences for Undergraduates (REU) Program in Molecular Genetics and Cell Biology at the University of Chicago. I initiated this program, with co-PI Lucia Rothman-Denes, to increase research opportunities for undergraduates at institutions without advanced (i.e., PhD-level) molecular cell biology laboratories, particularly undergraduates from traditionally under-represented groups who make up ~50% of our interns.

SERVICE

University of Chicago

Committee membership:

- 1995-present Molecular Genetics and Cell Biology Curriculum Committee
- 1994-2004 Graduate Admissions committee, Molecular Biosciences Cluster
- 1995-2000 Faculty search committee member
- 2006-2007 Departmental retreat co-organizer
- 2007-2008 Cummings Life Sciences Center Renovation committee
- 2007-2010 Organizer, MGCB Faculty chalk talk series

2011-2016 Genetics, Genomics and Systems Biology Steering committee
2011-present Divisional Graduate Education committee
2013-present Organizer, MGCB Faculty chalk talk series
2013-2016 Divisional Dean's Faculty Advisory Committee
2014-present Organizer, MGCB Seminar series and faculty chalk talk series

Leadership:

2000-2007 Chair, MGCB Curriculum Committee
2005 Chair, MGCB Faculty Search committee