

Curriculum Vitae

Jeffrey A. Holmes, PhD.
Professor, Biology Department
Warren Wilson College

May 2016

Contact Information

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Education

B. A., 1982, Biochemistry and Molecular Biology, University of California, Santa Barbara.

M. A., 1984, Cell Biology, University of California, Santa Barbara.

Ph. D., 1991, Molecular, Cellular and Developmental Biology, University of Colorado, Boulder. Dr. Susan Dutcher, advisor. A genetic and cytological analysis of basal body function in *Chlamydomonas reinhardtii*.

Post Graduate Education and Training

June-July 2011 MBL Woods Hole Microbial Diversity Summer Course

June 2010 ASM/JGI Functional Genomics Institute

May 2010 North Carolina Microarray Workshop

1992-1997 Visiting Postdoctoral Fellow

1997-1999 Postgraduate Researcher

Molecular Parasitology, University of California, San Francisco
Dr. Nina Agabian, advisor. A molecular genetic analysis of RNA *trans* splicing and the mechanisms of antigenic variation in the African trypanosome.

Employment History

1999-present Extended Contract Faculty, Biology Department, Warren Wilson College

1998-1999 Adjunct Faculty, San Francisco State University
Advanced Cell and Molec. Biology Lab, General Parasitology

1996-1998 Adjunct Faculty, City College of San Francisco
General Biology A and B, Human Biology

Professional Society Memberships

American Association for the Advancement of Science

American Society for Microbiology

North Carolina Academy of Sciences

Honors and Awards

- 2003 Teaching Excellence Award, Warren Wilson College
One-time only, student nominated “teacher of the year” award
- 1997 Teacher Appreciation Award, AGS Honor Society, City College of San Francisco
- 1990 Graduate Student Research and Creative Work Award, University of Colorado
- 1984 Chancellor’s Doctoral Fellowship, University of Colorado

Administrative Service (recent)

- 2014- present Extended Contracts Committee
- 2013- 2015 General Education Committee
- 2013- present Social Work Advisory Board
- 2008- 2011 Director of General Education, Warren Wilson College
- 2003-2009 Chair, Biology Department
- 2009 – 2011 Institutional Assessment Committee
- 2009- 2011 Faculty liaison, Wabash National Study of Liberal Arts Education
- 2008-2013 Work Program Advisory Committee
- 2007-2010 Extended Contracts Committee
- 2004-2008 Chair, Academic Policy and Planning Committee
- 2000- present Lyceum Committee

Publications

- Holmes, J.A. and S.K. Dutcher. (1989). Cellular Asymmetry in *Chlamydomonas reinhardtii*. *J. Cell Sci.* **94**: 273-284.
- Holmes, J.A. and S.K. Dutcher. (1992). Genetic Approaches to the Study of Cytoskeletal Structure and Function in *Chlamydomonas*. In *The Cytoskeleton of the Algae* (ed. D. Menzel). CRC-Press, Boca Raton, FL. pp. 347-368.
- Holmes, J.A., Johnson, D.E. and S.K. Dutcher. (1993). Linkage group XIX of *Chlamydomonas reinhardtii* has a linear map. *Genetics* **133**: 865-74.

Ehler, L.L, Holmes J.A. and S.K. Dutcher. (1995). Loss of spatial control of the mitotic spindle apparatus in a *Chlamydomonas reinhardtii* mutant strain lacking basal bodies. *Genetics* **141**: 945-960.