

## ***CURRICULUM VITAE***

### **Thomas J. Silhavy**

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**Education:** Ferris State College, Big Rapids, MI  
B.S., 1971, Pharmacy  
Harvard University, Cambridge, MA  
A.M., 1974, Biochemistry  
Harvard University, Cambridge, MA  
Ph.D., 1975, Biochemistry

**Publications:** For an updated list of Silhavy publications, click [here](#)

### **Honors:**

1971	Ferris State College, <i>Summa cum laude</i>
1975-1977	Jane Coffin Childs Foundation Fellow
1978-1979	Medical Foundation Research Fellow
1982	Litton Advanced Technology Achievement Award
1982	Honorary Doctor of Science Degree, Ferris State College
1990	Burroughs-Wellcome Visiting Professorship Award, American Society for Microbiology, University of Florida
1993	President's Award for Distinguished Teaching-Princeton University
1994	Fellow of the American Society for Microbiology
1998	Burroughs-Wellcome Visiting Professorship Award, American Society for Microbiology, Oakland University
1999	NIGMS MERIT Award
2002	Graduate Microbiology Teaching Award – American Society for Microbiology
2003	Graduate Advising Award, Princeton University
2004	Fellow of the American Association for the Advancement of Science
2005	Fellow of the American Academy of Arts and Sciences
2005	Elected to the National Academy of Sciences
2008	Awarded the Novitski Prize for creativity from the Genetic Society of America
2008	Elected Associate Member of the European Molecular Biology Organization (EMBO)

**Academic Positions:**

1971-1974	Graduate Research Assistant with Winfried Boos Harvard Medical School, Boston, MA
1974-1975	Research Assistant Institut Pasteur, Paris, France
1975	Instructor University of Konstanz, West Germany
1975-1977	Jane Coffin Childs Foundation Fellow with Jonathan Beckwith Harvard Medical School, Boston, MA
1978-1979	Instructor Department of Microbiology and Molecular Genetics Harvard Medical School, Boston, MA
1979-1981	Head, Genetics of Membrane Biogenesis Section Cancer Biology Program, NCI-Frederick Cancer Research Facility, Frederick, MD
1980-1984	Adjunct Associate Professor Department of Biological Sciences University of Maryland, Baltimore County
1981-1984	Director, Laboratory of Genetics and Recombinant DNA NCI-Frederick Cancer Research Facility, Frederick, MD
1984-1986	Professor of Molecular Biology, Princeton University, Princeton, NJ
1986-present	Endowed Professorship, Warner-Lambert Parke-Davis Professor of Molecular Biology, Princeton University

**Professional Activities:**

1981-1985	Instructor, Advanced Bacterial Genetics, Cold Spring Harbor Laboratory
1985-1989	Member - NIH Microbial Physiology and Genetics Study Section
1985-present	Member - Life Sciences Research Foundation Peer Review Committee
1986-1990	Trustee - Board of Trustees, Cold Spring Harbor Laboratory

1987-2003	Program Director, Departmental NIH Predoctoral Training Grant
1988-1990	Member - Editorial Board, Journal of Bacteriology
1989-1994	Member - Editorial Board, Journal of Biological Chemistry
1989-present	Co-Director, Life Sciences Research Foundation
1989-2003	Director of Graduate Studies, Molecular Biology Department, Princeton University
1990-1993	Organizer - Bacterial Genetics Course, International Centre for Genetic Engineering and Biotechnology, Trieste, Italy
1991	Division Chair-elect, Genetics and Molecular Biology, American Society for Microbiology
1992	Division Chair, Genetics and Molecular Biology, American Society for Microbiology
1993-1998	Member - NIH Genetic Basis of Disease Study Section
1994-1998	Chair, Books Committee, American Society for Microbiology
1996	Chair, Bacterial Cell Surfaces, Gordon Conference
1997 – present	Editorial Board, Current Opinion in Microbiology
1999 - present	Editor, Journal of Bacteriology
2000-2002	Organizer, Molecular Genetics of Bacteria and Phages Meeting, Cold Spring Harbor, NY
2001-2003	Executive Editorial Board, EcoSal
2006-present	Editorial Board, Proceedings of the National Academy of Sciences

**Books:**

1. Silhavy, T.J., M.L. Berman and L.W. Enquist. 1984. *Experiments with Gene Fusions*. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY.
2. Beckwith, J. and T.J. Silhavy. 1992. *The Power of Bacterial Genetics: A Literature-based Course*. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY.
3. Hoch, J.A. and T.J. Silhavy, eds. 1995. *Two Component Signal Transduction*, American Society for Microbiology, Washington, DC.

**Patents:**

Silhavy, T.J., H.A. Shuman, J. Beckwith and M. Schwartz (inventors), President and Fellows of Harvard College, Cambridge, MA., (assignee), Fused gene and method of making and using same.  
US patent 4,336,336. 1979 Jan. 12. 6 p. Int. Cl.3 C12N 15/00.

Silhavy, T.J., M.L. Berman and M.N. Hall (inventors), US Government, Department of Health and Human Services (assignee), Expression Vector for synthesis of exported protein.  
US Serial No. 219,179.

Berman, M.L., T.J. Silhavy and G.M. Weinstock (inventors), US Government, Department of Health and Human Services (assignee), Open reading frame vectors.  
US patent 4,503,142. 1985 March 5. 12 p. Int. C1.3 C12P 21/00.