

## CURRICULUM VITA

NAME : Marvin Cassman, Ph.D.

POSITION: : Independent Consultant

BIRTHPLACE : Chicago, Illinois  
AND DATE : April 4, 1936

EDUCATION : B.A., 1954 University of Chicago  
B.Sc., 1957 University of Chicago  
M.S., 1959 University of Chicago  
Ph.D., 1965 Albert Einstein School of Medicine

EXPERIENCE : 2004-current Independent Consultant

2002-2004 Director, Institute for Quantitative Biomedical  
Research (QB3), University of California

1996-2002 Director, National Institute of  
General Medical Sciences, (NIGMS), NIH

1993-1996 Acting Director, NIGMS, NIH

1989-1993 Deputy Director, NIGMS, NIH

1985-1989 Director, Biophysics and Physiological  
Sciences Program, NIGMS, NIH

1985-1986 Senior Policy Analyst, Office of Science and  
Technology Policy, Executive Office of the President

1982-1983 Staff, House Subcommittee on Science and  
Technology

1978-1984 Chief, Molecular Basis of Disease Section,  
Cellular and Molecular Basis of Disease Program, NIGMS, NIH

1975-1978 Health Science Administrator, Cellular and  
Molecular Basis of Disease Program, NIGMS, NIH

1967-1974 Assistant Professor, University of  
California, Santa Barbara

1965-1967 NIH Postdoctoral Fellow, University of California, Berkeley

1959-1961 Research Fellow, Northwestern University Medical School

Recent Activities:

Stanford Linear Accelerator (SLAC) Advisory Board, 2002-2007

Member Joint Steering Committee for NIH, 2002-current

Environmental Molecular Sciences Laboratory (EMSL), 2003-current

Consultant, DARPA 2004-2005

Co-Chair, DARPA Workshop on Tool and Software Infrastructure in Systems Biology, 2005

Chair, Study on International Research and Development in Systems Biology, 2004-2005

Member, Advisory Committee for the Resource for Biocomputing, Visualization, and Informatics, UCSF, 2004-current

Chair, Scientific Advisory Board, Center for Structural Biology, Vanderbilt University, 2005-current

Chair, International Advisory Board, SystemsX Swiss National Project, 2005- current

Consultant, Science Foundation of Ireland, 2006

Member, Advisory Board of The Microsoft Research - University of Trento Centre for Computational and Systems Biology, Trento, IT, 2007-current

Chair, US-EC Workshop on Infrastructure Needs in Systems Biology, Boston, 2007

Consultant, National Platform for Systems Biology, Denmark, 2007

Selected Recent Talks: Invited speaker, Synthetic Biology 3.0 International Conference, Zurich, 2007

Invited speaker, Conference on Systems Biology of Mammalian Cells, Dresden, 2008

Invited speaker, Biological Complexity Workshop, Trento, 2008

Invited Speaker, EMBL-EMBO Conference on Science and Society, Heidelberg, 2008

Selected Papers: Cassman M., Systems biology in the US. Syst Biol . 2004 1, 203-5.

Cassman, M., Barriers to progress in systems biology. Nature. 2005 ;438,1079.

Cassman, M. Arkin, A., Doyle, F., Katagiri, F., Lauffenburger, D., and Stokes, C., Systems Biology, International Research and Development, 2007, Springer

Cassman, M. and Brunak, S., (editors), Infrastructure Needs of Systems Biology, US-EC Workshop, 2007