

Jo Handelsman, HHMI Professor
Yale University
Biological and Biomedical Sciences
(Not able to attend site visit)

EDUCATION

PhD, University of Wisconsin, Madison, 1984
BS, Cornell University, 1979

EMPLOYMENT

2010 – present, Professor, Department of Molecular, Cellular, Developmental Biology, Yale University
2007-2009, Professor and Chair, Department of Bacteriology, University of Wisconsin
1985-2007, Professor, Department of Plant Pathology, University of Wisconsin

ACCOMPLISHMENTS/AWARDS

2009 – **Amer Society for Microbiology** Carski Foundation Distinguished Undergraduate Teaching Award
2009 – Named “**Revolutionary Mind**” by Seed Magazine
2009 – Fellow, **Association for Women in Science**
2008 – Fellow, **American Association for the Advancement of Science**
2008 – National Associate, **National Research Council**
2008 – ASM Roche Diagnostics **Alice C. Evans** Award
2007, Editor-in-Chief, **DNA and Cell Biology**
2004, Co-Chair, **National Academies Summer Institute** on Undergraduate Education in Biology
2003, Series Editor, “Controversies in Science and Technology”
2005-2008, Editor, *Applied and Environmental Microbiology*
2005-2008, Editor, *Cell Biology Education*
2001-2007, Co-Director, **Women in Science and Engineering Leadership Institute (WISELI)**
2003 – Fellow, **American Academy of Microbiology**

RESEARCH INTERESTS

Understand the structure and function of microbial communities and the signals that govern them through the application of metagenomics, genetics, and small molecule chemistry

BOOKS: EDUCATION

Kleinman, D.L., Matta, C., Cloud-Hansen, K., Handelsman, J., eds. 2008. *Controversies in Science and Technology, Volume II: From Climate to Chromosomes*. Mary Ann Liebert, Inc., New York. 533 pp

Handelsman, J., Miller, S., Pfund, C. 2007. *Scientific Teaching*. W. H. Freeman and Company, New York, NY. 184 pp.

Handelsman, J., Pfund, C., Miller Lauffer, S., and Pribbenow, C.M. 2005. *Entering Mentoring: A Seminar to Train a New Generation of Scientists*. University of Wisconsin Press, Madison, WI. 141 pp. Kleinman, D.L.,

Kinchy, A.J., Handelsman, J., eds. 2005. *Controversies in Science and Technology, Volume I: From Maize to Menopause*. University of Wisconsin Press, Madison, WI. 341 pp.

Handelsman, J., Houser, B.J., and Kriegel, H. 1997. *Biology Brought to Life: A guide to teaching students how to think like scientists*. Wm. C. Brown Publishers, Inc., Dubuque, Iowa. 256 pp.

Handelsman, J. 1997. *Biology Brought to Life: Laboratory Guidebook*. Wm. C. Brown Publishers, Inc., Dubuque, Iowa. 53 pp.

(Source: http://bbs.yale.edu/people/jo_handelsman.profile)