
The Vanderbilt Prize in Biomedical Science, established in 2006, honors women who have made significant advances in the biological and biomedical sciences and who have contributed positively to the mentorship of other women in science.

Vanderbilt Prize winners receive an honorarium and serve as mentors to women who are pursuing graduate studies in the biomedical sciences at Vanderbilt. This year's Vanderbilt Prize Student Scholar is Lisa Funkhouser-Jones of the Bordenstein Laboratory in the Department of Biological Sciences.

2013

Laurie H. Glimcher, M.D.
Cornell University

2012

Joan Steitz, Ph.D.
Yale University

2011

Titia de Lange, Ph.D.
Rockefeller University

2010

Nancy C. Andrews, M.D., Ph.D.
Duke University School of Medicine

2009

Susan S. Taylor, Ph.D.
University of California, San Diego
Howard Hughes Medical Institute

2008

Ann M. Graybiel, Ph.D.
Massachusetts Institute of Technology

2007

Elizabeth Blackburn, Ph.D.
University of California, San Francisco
2009 Nobel Laureate

2006

Nancy Andreasen, M.D., Ph.D.
University of Iowa College of Medicine



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VANDERBILT PRIZE IN BIOMEDICAL SCIENCE LECTURE

LAURIE H. GLIMCHER, M.D.

ER STRESS SENSORS IN DISEASE

MAY 1, 2014
4:00 P.M.
208 LIGHT HALL

Upcoming Discovery Lecture:

WEI ZHENG, M.D., PH.D., MPH
MARIE GRIFFIN, M.D., MPH
JOHN GRAVES, PH.D.
Vanderbilt University

May 15, 2014
202 Light Hall / 4:00 P.M.

VANDERBILT  UNIVERSITY
MEDICAL CENTER



LAURIE H. GLIMCHER, M.D.

**STEPHEN AND SUZANNE WEISS DEAN,
WEILL CORNELL MEDICAL COLLEGE**

**PROVOST FOR MEDICAL AFFAIRS,
CORNELL UNIVERSITY**

MEMBER, INSTITUTE OF MEDICINE

MEMBER, NATIONAL ACADEMY OF SCIENCES

Laurie H. Glimcher, MD is the Stephen and Suzanne Weiss Dean of Weill Cornell Medical College in New York City, New York, where she is also Professor of Medicine. In addition, Dr. Glimcher is Provost for Medical Affairs of Cornell University. Previously, she was the Irene Heinz Given Professor of Immunology at the Harvard School of Public Health, where she was director of the Division of Biological Sciences, and Professor of Medicine at Harvard Medical School, where she headed one of the top immunology programs in the world. She also served as Senior Physician and Rheumatologist at Brigham and Woman's Hospital.

Dr. Glimcher received her postdoctoral training at Harvard and in the Laboratory of Immunology at the National Institute of Allergy and Infectious Diseases in Bethesda, Maryland, and is board certified in Internal Medicine and Rheumatology. She received her BA degree from Radcliffe College and her MD from Harvard Medical School. As an immunologist, her primary research interests are the biochemical and genetic approaches that elucidate the molecular pathways that regulate CD4 T helper cell development and activation. The complex regulatory pathways governing T helper cell responses are critical for both the development of protective immunity and for the pathophysiological immune responses underlying autoimmune, infectious and malignant diseases. Dr. Glimcher's research laboratory has studied the transcriptional pathways that control this important immune checkpoint, leading to many discoveries, including the T-bet and XBP-1 transcription factors, which regulate a variety of adaptive and innate immune functions as well as the endoplasmic reticulum stress response (XBP1). Most recently, her laboratory has identified new proteins that control

osteoblast and osteoclast commitment and activation in skeletal biology with significant implications for diseases of bone, including osteoporosis, osteoarthritis and cancer metastasis to bone.

Dr. Glimcher is the recipient of numerous awards and honors, including the Soma Weiss Award for Undergraduate Research, the Distinguished Young Investigator Award from the American College of Rheumatology, the Leukemia Society's Stohlman Memorial Scholar Award, the Arthritis Foundation's Lee S. Howley Award, the FASEB Excellence in Science Award, the American Society of Clinical Investigation Investigator Award, the Klemperer Award, the AAUW Senior Scholar Award, the Huang Meritorious Career Award, the AAI Excellence in Mentoring Award, the Dean's Award for Leadership in the Advancement of Women Faculty, the American College of Rheumatology Distinguished Investigator Award. In 2012 she received the Ernst W. Bertner Memorial Award, MD Anderson Cancer Center, the William B. Coley Award, Cancer Research Institute, the Luis Federico Leloir Prize to International Cooperation in Science, Technology and Innovation, Ministry of Health, Argentina, the Vanderbilt Prize, the L'Oreal:UNESCO Award and the Margaret Kripke Legend Award.

She is a Fellow of the American Academy of Arts and Sciences, a Member of the Institute of Medicine of the National Academy of Sciences and a Member of the National Academy of Sciences. She is the former President of the American Association of Immunologists. She is a member of the American Asthma Foundation, Health Care Ventures, and Cancer Research Institute Scientific Advisory Boards and served on the Burroughs-Wellcome Fund and HHMI Scientific Advisory Boards. She sits on the Board of Trustees of Cornell University, the Board of Overseers of Weill Cornell Medical College, the Board of Trustees of Memorial Sloan Kettering Cancer Center and the Board of Directors of the New York Blood Foundation and is on the Corporate Board of Directors of the Bristol-Myers Squibb Pharmaceutical Corporation and the Waters Corporation.

Dr. Glimcher speaks nationally and internationally on rheumatology, immunology, skeletal biology and translational medicine and has contributed more than 350 scholarly articles and papers to the medical literature.



2014



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