

THE
Flexner
DISCOVERY
LECTURE SERIES

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SALLY E. SHAYWITZ, M.D.
BENNETT A. SHAYWITZ, M.D.

THE SCIENCE OF DYSLEXIA:
TRANSLATING SCIENCE INTO PRACTICE

APRIL 17, 2014
4:00 P.M.
208 LIGHT HALL

THE
Flexner
DISCOVERY
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Upcoming Discovery Lecture:

LAURIE H. GLIMCHER, M.D.
Cornell University

May 1, 2014
208 Light Hall / 4:00 P.M.

VANDERBILT  UNIVERSITY
MEDICAL CENTER

THE SCIENCE OF DYSLEXIA:
TRANSLATING SCIENCE INTO POLICY AND PRACTICE

Dyslexia is the most common neurobehavioral disorder in children, affecting 20% of the school age population, representing 80-90% of all children diagnosed as having a Learning Disability (LD). Described initially over a century ago by a British physician, within the last two decades significant progress has been made in understanding the epidemiology, cognitive basis, and neurobiology of dyslexia. These advances in the science of dyslexia now make it imperative that clinicians are not only aware of dyslexia but know how to diagnose and treat children with dyslexia using the most effective, evidence-based interventions and accommodations.



SALLY E. SHAYWITZ, M.D.
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CO-DIRECTORS OF THE YALE CENTER FOR
DYSLEXIA & CREATIVITY

YALE UNIVERSITY SCHOOL OF MEDICINE

MEMBERS, INSTITUTE OF MEDICINE

Sally E. Shaywitz, M.D. is the Audrey G. Ratner Professor in Learning Development at the Yale University School of Medicine and Co-Director of the Yale Center for Dyslexia & Creativity. Complementing her epidemiological and longitudinal studies of dyslexia, as a physician-scientist Dr. Shaywitz is dedicated to ensuring that scientific progress in dyslexia is translated into policy and practice. She is the author of over 250 scientific articles and the award winning *Overcoming Dyslexia* (Knopf, 2003). An elected member of the Institute of Medicine of the National Academy of Sciences, Dr. Shaywitz is annually selected as one of the *Best Doctors in America* and *America's Top Doctors*. Her awards include an honorary Doctor of Science degree from Williams College; the Townsend Harris Medal of the City College of New York; and the Distinguished Alumnus Award of the Albert Einstein College of Medicine.

Bennett A. Shaywitz, M.D. is the Charles and Helen Schwab Professor in Dyslexia and Learning Development, Chief of Pediatric Neurology and Co-Director of the Yale Center for Dyslexia & Creativity at the Yale University School of Medicine. Dr. Shaywitz is a leader in applying functional magnetic resonance imaging (fMRI) to examining cognitive processes, particularly those involved in dyslexia in children and adults. The author of over 300 scientific papers, Dr. Shaywitz' honors include election to membership in the Institute of Medicine of the National Academy of Sciences and recipient of the Distinguished Alumnus Award from Washington University. He has been selected annually for *Best Doctors in America* and *America's Top Doctors*.
