

College of Science and Technology Programs

38th Annual Brossman Foundation and
Ronald E. Frisbie Sr. Science Lectureship

SCIENCE OLYMPIAD

Science Olympiad is an international nonprofit organization devoted to improving the quality of science education, increasing student interest in science and providing recognition for outstanding achievement in science education by both students and teachers. These goals are accomplished through classroom activities, research, training workshops and the encouragement of intramural, district, regional, state and national tournaments. Science Olympiad tournaments are rigorous academic, interscholastic competitions that consist of a series of team events that students prepare for during the year.

These challenging and motivational events are well balanced between the various science disciplines of biology, earth sciences, chemistry, physics and technology. There is also a balance between events requiring knowledge of science concepts, process skills and science applications.

WOMEN IN MATHEMATICS, SCIENCE AND TECHNOLOGY CONFERENCE

The annual Women in Mathematics, Science and Technology Conference is sponsored by the Glenna Hazeltine Endowment, Phoenix Contact Inc. and Millersville University. The purpose of the conference is to encourage girls in grades 7 through 12 to consider education and careers in mathematics and the sciences by giving them opportunities to meet with a variety of professional women role models.

SUMMER SCIENCE TRAINING PROGRAM

The annual Summer Science Training Program (SSTP), sponsored by the College of Science and Technology, consists of a series of three-hour workshops covering a wide range of academic disciplines in mathematics, science and technology. Workshops are taught by college faculty and feature intensive student/teacher interaction, advanced-level learning, research and problem-solving experiences for students entering 8th through 12th grade.

SPOTLIGHT ON MATHEMATICS, SCIENCE AND TECHNOLOGY PROGRAM

The Spotlight on Mathematics, Science and Technology program is designed to stimulate interest in mathematics, science and technology among elementary and secondary school students. The program features presentations by University scientists and mathematicians, covering a variety of topics in biology, chemistry, earth sciences, engineering, geography, mathematics, nursing and physics and may include scientific demonstrations, information on careers in science or descriptions of our faculty members' research interests.

This is an ongoing program through the academic year and is voluntarily staffed by faculty members in the College of Science and Technology. There is no charge for the presentations. For more information, please contact the Office of the Dean, College of Science and Technology, at 717-871-4292.

For additional information on College of Science and Technology programs, visit the college's website at www.millersville.edu/cst.



**The Future of Work:
Will It Be Anything
Like the Way We
Work Now?**

SPEAKER: Dr. John Howard

Director of the National Institute for Occupational Safety and Health
and the Administrator of the World Trade Center Health Program

T H U R S D A Y
11/14/24
— 6:30 p.m. —

FREE PUBLIC PRESENTATION
Multipurpose Room
Student Memorial Center (SMC)

Millersville University

Millersville University is an Equal Opportunity/Affirmative Action institution.
A Member of Pennsylvania's State System of Higher Education. 9294A-CST-0824-SA

Millersville University



Dr. John Howard

Director of the National Institute for Occupational Safety and Health and the Administrator of the World Trade Center Health Program

John Howard is the director of the National Institute for Occupational Safety and Health (NIOSH) and the administrator of the World Trade Center Health Program in the U.S. Department of Health and Human Services.

Dr. Howard was first appointed NIOSH director in 2002 during the George W. Bush administration and served in that position until 2008. In 2009, Dr. Howard worked as a consultant with the US-Afghanistan Health Initiative. In September 2009, Dr. Howard was again appointed NIOSH director. He was reappointed for a third six-year term in 2015, and a fourth term in 2021.

Prior to his appointments as NIOSH director and WTC Health Program administrator, Dr. Howard served as Chief of the Division of Occupational Safety and Health in the state of California's Labor and Workforce Development Agency from 1991 through 2002.

Dr. Howard earned a Doctor of Medicine from Loyola University of Chicago; a Master of Public Health from the Harvard University School of Public Health; a Doctor of Law from the University of California at Los Angeles; and a Master of Law in Administrative Law and Economic Regulation, and a Master of Business Administration in Healthcare Management, both degrees from The George Washington University in Washington, D.C.

Dr. Howard is board-certified in internal medicine and occupational medicine. He is admitted to the practice of medicine and law in the state of California and in the District of Columbia, and he is a member of the U.S. Supreme Court bar. He has written numerous articles on occupational health, policy and law.

Millersville University
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Science Lectureship

Millersville University and the Mr. and Mrs. William F. Brossman Charitable Foundation present the 38th Annual Brossman Foundation and Ronald E. Frisbie Sr. Science Lectureship Program. The program includes a competitive examination for high school sophomore, junior and senior science, mathematics and technology students; laboratory demonstrations; a special afternoon lecture for selected elementary and middle school students; and an evening presentation by Dr. John Howard.

The University wishes to acknowledge the daughters of Mr. and Mrs. William F. Brossman, the late Mrs. Emily B. Sprecher, Class of 1926, and the late Mrs. Anne B. Sweigart, for their support of this program. We also wish to acknowledge the late Mrs. Bertha Brossman Blair, Class of 1912, the founder of the Brossman Foundation, and the trustee board of the Foundation under the guidance of Ephrata National Bank.

In addition, we wish to acknowledge the late Mr. Ronald E. Frisbie Sr. for his steadfast support of the Science Lectureship. Mr. Frisbie, a longtime executive at the Denver and Ephrata Telephone Company, was awarded the Millersville University President's Medallion in 2012. He was a member of the Lectureship Program Committee from its inception in 1985 until his passing and served for many years on the Advancement Advisory Board for the College of Science and Technology.

Program Committee

Dr. Lyman Rickard,
Chair

Ms. Abby Alexander

Dr. Angela Cuthbert

Dr. Sam Earman

Mr. Ron Frisbie Jr.

Dr. Tariq Gilani

Dr. Nazli Hardy

Dr. Marc Harris

Ms. Karen Herr

Dr. Brent Horton

Dr. Alex Johnson

Dr. Baoling Ma

Ms. Judy Pultro

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The Mr. and Mrs. William F. Brossman Charitable Foundation

ADMISSION

Tickets are **free** and may be reserved by contacting:

 millersville.edu/smc/ticket-office  717-871-7600

For more information about this event, please call 717-871-4292.