

YSU's 21st Annual

Edward W. Powers

Women in STEM

Science, Technology, Engineering & Math
Career Workshop

Workshop designed for young women in grades 6 through 12
featuring hands-on sessions and small group discussions with women scientists.

Featuring as the keynote speaker

Dr. Jill Bargonetti

Professor, City University of New York

Department of Biological Sciences Hunter College Belfer Research Building

The Graduate Center City University of New York

Department of Cell and Developmental Biology Weill Cornell Medical College

April 14, 2018

Youngstown State University

Youngstown, Ohio

For more information contact

Dr. Diana Fagan

Department of Biological Sciences

(330) 941-1554

Register On-Line:

<http://www.ysu.edu/WIS>



YOUNGSTOWN
STATE
UNIVERSITY

Dr. Jill Bargonetti-Chavarria

A Career in Cancer Science

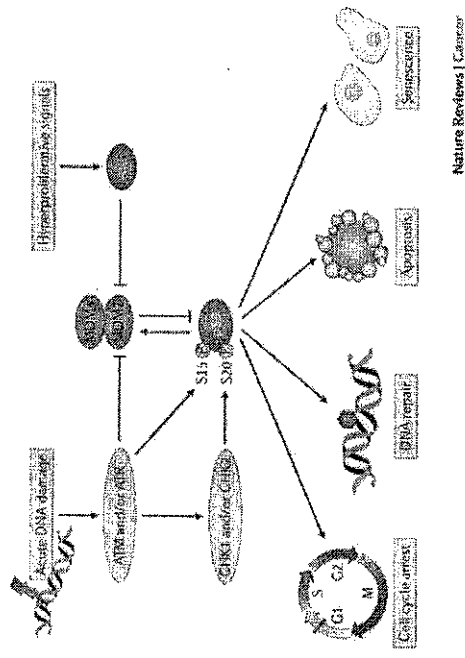
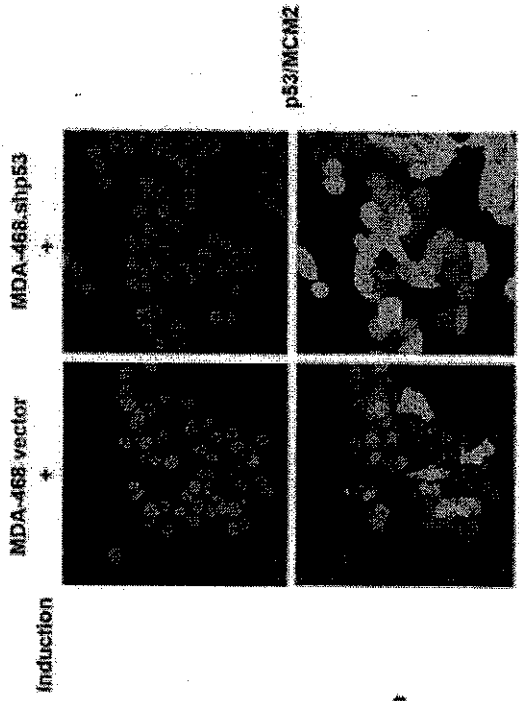
“The Molecular Choreography of Mutant p53 and MDM2 Proteins in Breast Cancer”

Edward W Powers STEM Lecture

Friday, April 13th, 12:00 noon

Ward Beecher Room 3022, Youngstown State University

Free to the Public



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Women in STEM

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Career Workshop

The Women in Science and Engineering Career Workshop will expose young women in grades 6-12 to career opportunities in science and technology.

In the morning, students will attend panels where women who are working scientists will answer questions about their lives and careers. In the afternoon, students will have the opportunity to observe and participate in real-life science work.

Career Workshop Panels

1. Quality Control/Biotechnology Specialist, Chemical Engineer, Medical Technology Educator, Mathematician
2. Veterinarian, Industrial Engineer, Physicist, Psychiatrist
3. Technology Process Coach, Reliability Engineer, Biochemist, Environmental Consultant
4. Environmental Scientist, Dental Student, Technology Development Engineer, Biostatistician
5. Clinical Research Specialist, Dental Hygienist, Pharmacist, Product Engineer
6. Chemical Engineer, Animal Care Technician, Geologist, Mechanical Engineer, Plant Pathologist
7. Nurse and Diabetes Educator, Civil Engineer, Automotive Engineer, Fertility Clinic Specialist

Hands-on Activities, Et Laboratory Demonstrations

1. Programming and Problem Solving
2. Other Hidden Figures/Planetarium (first session only)
3. The Phantastic World of Physics
4. Forensics: DNA Fingerprinting
5. Infared Thermography - Using Radiant Energy to See Your Body
6. Chem-Mystery
7. Bioengineering
8. Movin' It with Physical Therapy
9. Forensics: Crime Scene

Program Students and Parents

- 8:30 a.m. Registration
9:00 a.m. Keynote-Speaker

Dr. Jill Bargonetti
Professor, City University of New York
Department of Biological Sciences
Hunter College Beller Research Building
The Graduate Center City University of New York
Department of Cell and Developmental Biology
Weill Cornell Medical College

Students

Career Workshop Panels Women scientists talk about their careers and answer questions

- 10:00 a.m. Session 1
10:45 a.m. Session 2
Panels run simultaneously and will be repeated once.

Lunch (11:30-12:30) will be provided in
Kilcawley Center Chestnut Room.

Hands-on Activities and Lab Demonstrations

12:30 p.m.
Session 1

1:30 p.m.
Session 2

Demos run simultaneously and will be repeated once.

Wrap-up Session

2:30 p.m. to 3:00 p.m. Assess Yourself
Do you fit the profile?

Dr. Heather Lorimer
Assistant Director, Women in Science and
Engineering Career Day
Youngstown State University

Parents

10:00 a.m. to 2:00 p.m.

campus tour, college planning, financial aid

For more information contact

Dr. Diana Fagan at (330) 941-1554

dfagan@ysu.edu

YSU's 21st Annual Women in STEM Career

Workshop is
designed for

- Young women, grades 6-12
- High school counselors and teachers
- Parents (separate program)

Register On-Line

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