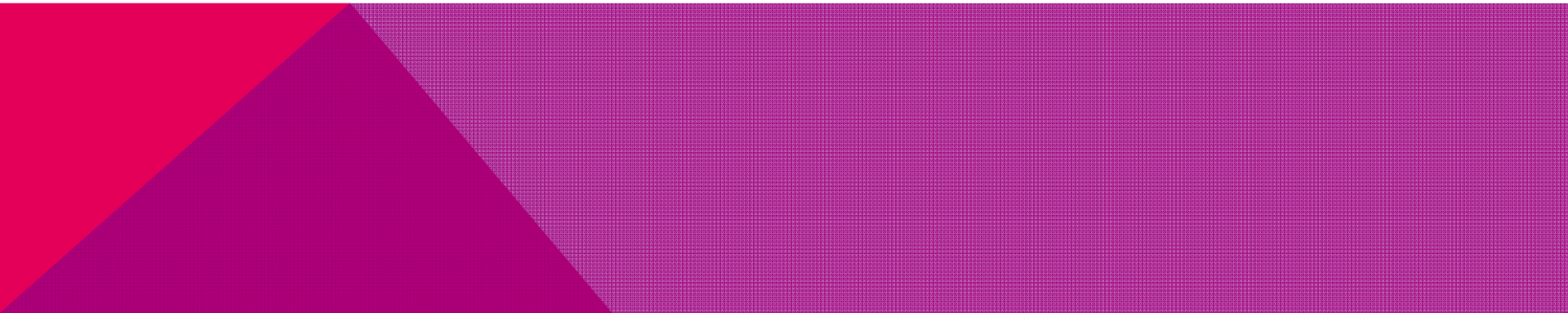
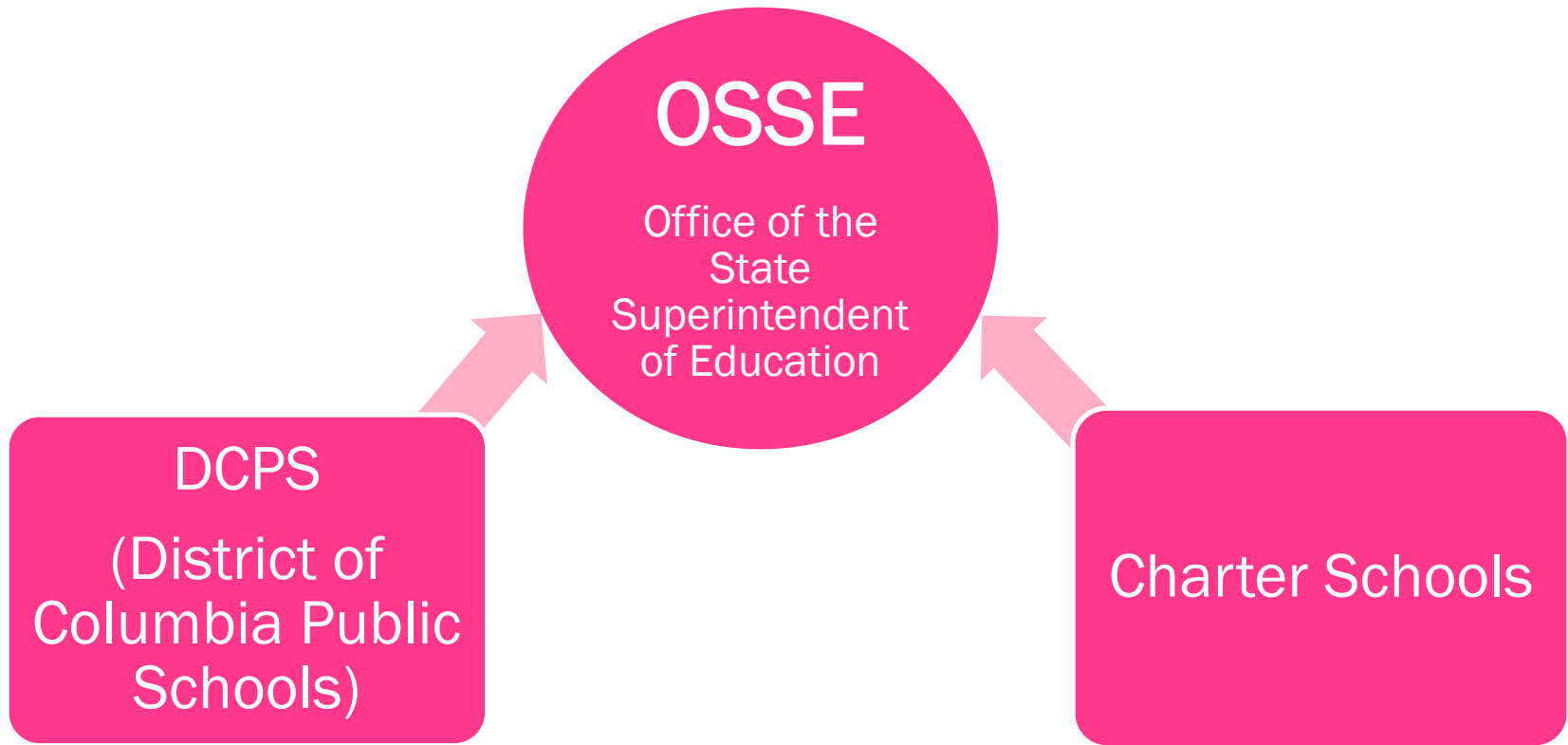


**DISTRICT OF COLUMBIA (OSSE)**

OFFICE OF THE STATE SUPERINTENDENT OF EDUCATION



# DISTRICT OF COLUMBIA POPULATION FACTS

58 Local Education Agencies (LEAs)

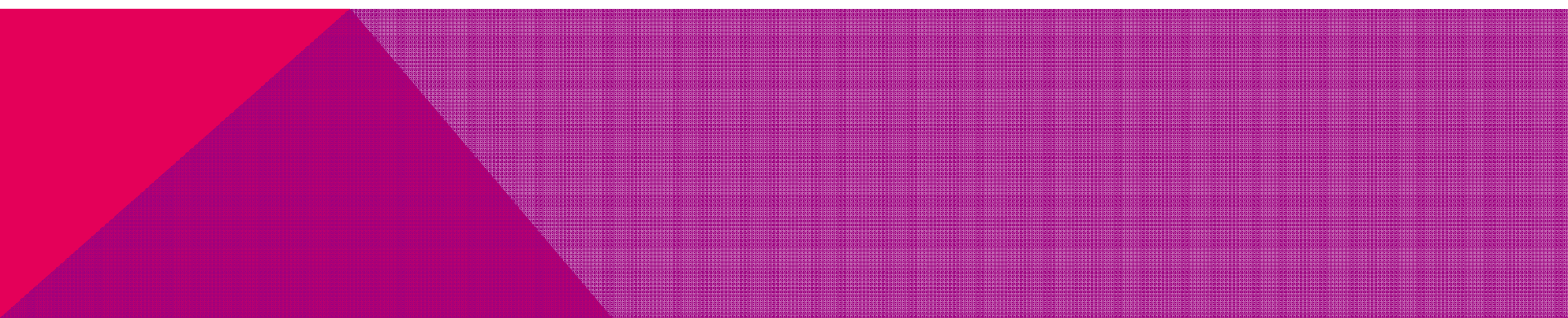
K-12 population = 61,438

Grade 8 population = 4,877

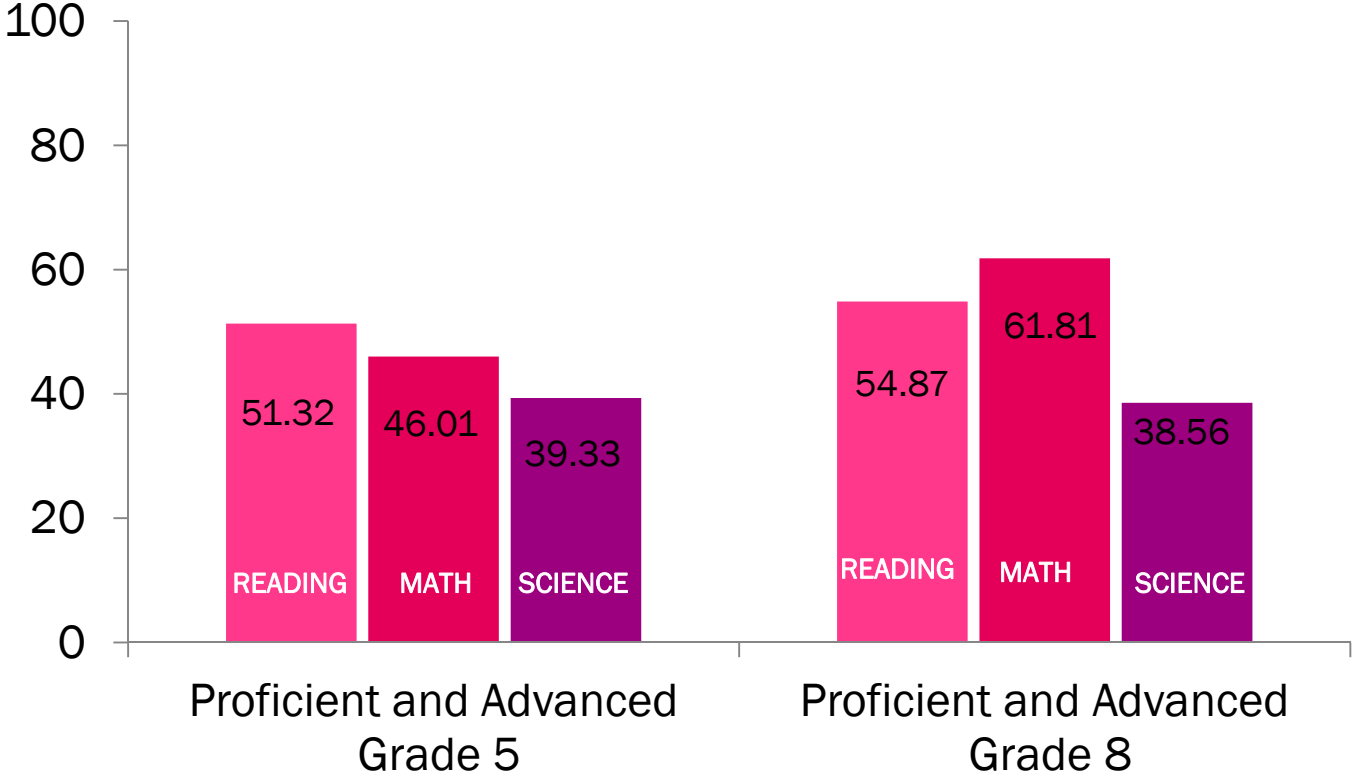
Free and Reduced = 69%\*

Female = 50%\*

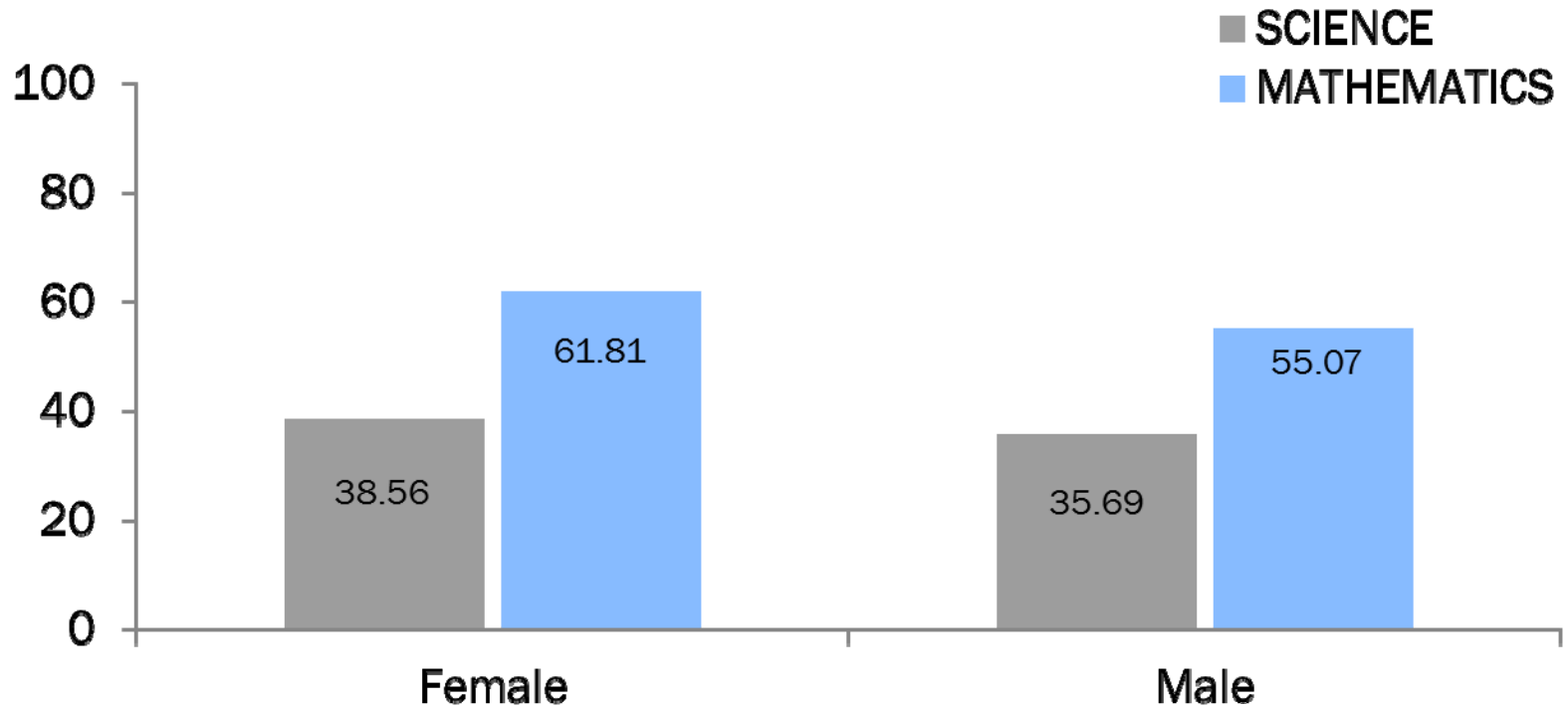
Male = 50%\*



# PERCENT PROFICIENT OF FEMALES IN 2011 DC CAS GRADES 5 AND 8



**SCIENCE AND MATHEMATICS  
2011 DC CAS PERCENT PROFICIENT BY GENDER  
GRADE 8**





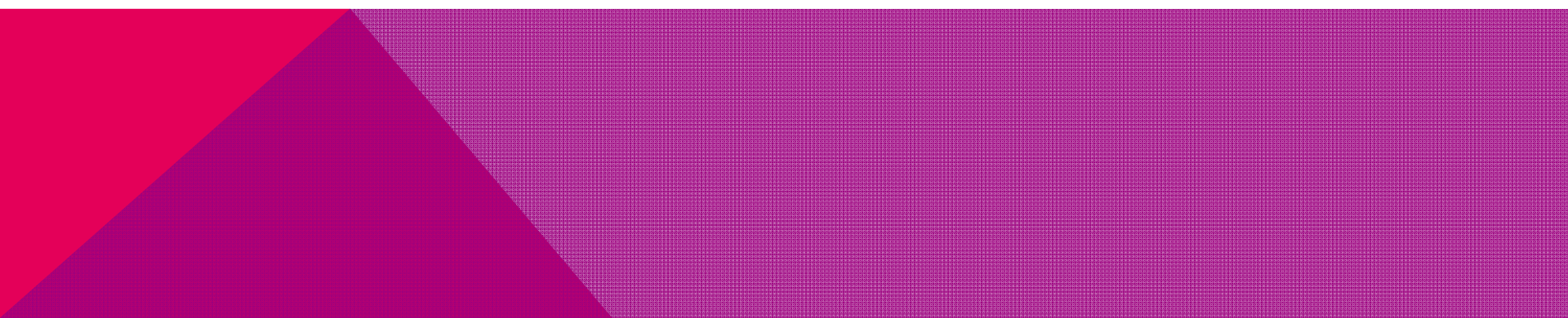
# GOALS

## YOUNG WOMEN CONFERENCE NON-TRADITIONAL CAREERS

### Professional Conference versus Career Fair

- Small interactive sessions on dedicated STEM topics
- Networking with successful role models
- Exploring non traditional careers

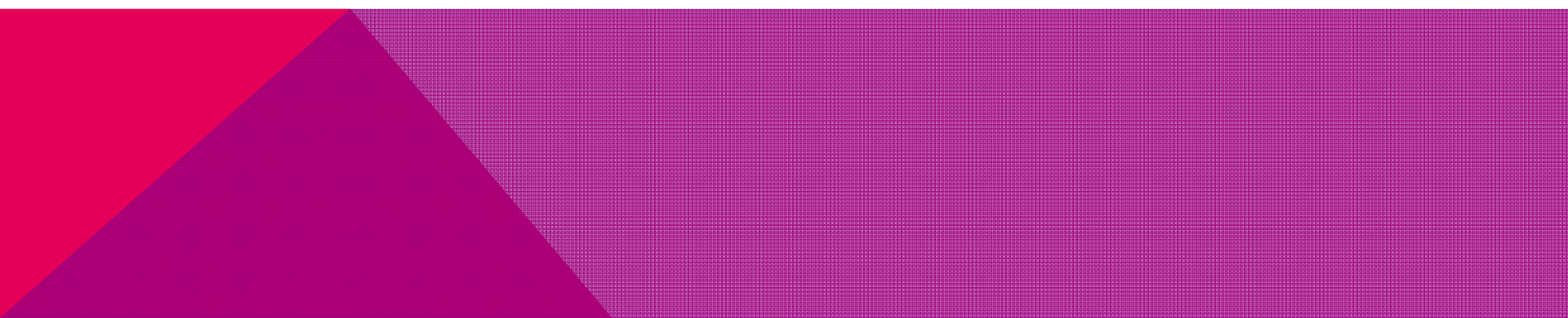
### Diversity

- Ethnically and linguistically role models
  - Different careers within STEM
- 

# GOALS

## YOUNG WOMEN CONFERENCE ON NON-TRADITIONAL CAREERS

### Awareness

- Parent and community involvement
  - Student opportunity for ongoing follow up activities with participating partners
  - Increase mentoring and tutoring programs
  - After school and summer follow up activities and internships
  - Professional Development for teachers and in class demonstrations
- 

## KEY NOTE SPEAKER

### YOUNG WOMEN CONFERENCE ON NON TRADITIONAL CAREERS 2008



Dr. Aprille J. Ericsson has been working in the Engineering field for 20 years, primarily with/or at NASA. Currently she is in the Instrument Systems Branch (ISB) having worked as a Proposal and Instrument Manager several spacecraft missions. Currently, she is supporting the integration and testing of Lunar Orbiter Laser Altimeter (LOLA), an instrument on the Lunar Reconnaissance Orbiter. She has worked on several different satellite projects: ICESat-Ice, Clouds, & Elevation Satellite, SORCE-Solar Radiance & Climate Experiment, MAP-Microwave Anisotropy Probe, XTE-X-Ray Timing Explorer, TRMM-Tropical Rain Forest Measurement Mission and TRACETransition Region & Coronal Explorer.



**KEY NOTE SPEAKER**  
**YOUNG WOMEN CONFERENCE ON NON TRADITIONAL CAREERS 2009**



**KATHERINE ZSAREMA**

Neuroscientist, Katherine is a researcher at the National Institutes of Health (NIH), National Institute of Deafness and other Communication Disorders (NIDCD) in Bethesda, MD ... where she studies the mechanics of hearing in the mouse during early development. She is enrolled at Karolinska Institutet in Stockholm, Sweden

**KEY NOTE SPEAKER**  
**YOUNG WOMEN CONFERENCE ON NON TRADITIONAL CAREERS 2010**



Gloria Montañó Greene serves as the Director of the DC office for the National Association of Latino Elected and Appointed Officials Educational Fund (NALEO). She oversees the policy development and advocacy efforts of NALEO on issues relating to Latino access to the democratic process, including naturalization, comprehensive immigration reform, Census 2010, Latino appointments, and election policy.

# YOUNG WOMEN CONFERENCE 2011 ON NON TRADITIONAL CAREERS



Office of the  
State Superintendent of Education



2011 Young Women's Conference  
on Non-Traditional Careers:  
*Preparing for Careers of the Future*

Saturday, April 2, 2011  
9:00 am to 2:30 pm

Kellogg Conference Center at Gallaudet University  
800 Florida Avenue, NE  
Washington, DC 20002



## In the Program

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Harry Thomas, Ward 5	8		
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David DeMonte/NASA	10	National Technical Association	13
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Janet Lathan	11	National Women's Law Center	14
DC Space Grant Consortium	11	Sheetmetal Workers International Assoc.	14
Higher Education Financial Services	11	S.M.A.R.T. Space Weather Program	14
International Brotherhood of Electrical Workers	11	Debra Rochelle Smith	14
Angel Savoy-James	12	Society of Hispanic Professional Engineers	14
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# KEY NOTE SPEAKER S

## YOUNG WOMEN CONFERENCE ON NON TRADITIONAL CAREERS 2011



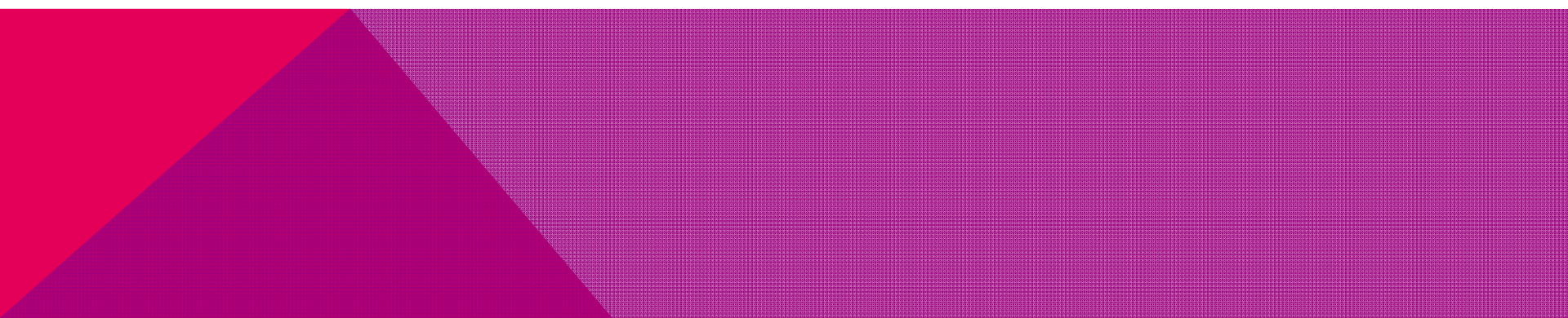
Nichole Doub, Head Conservator,  
**Maryland Archaeological Conservation Laboratory**  
She has been involved in excavations in Romania, England,  
Turkey, Greece, Egypt, Belgium, the United States, and Mexico.



Millicent W. West is the **Director of the District of Columbia Homeland Security and Emergency Management Agency (HSEMA)**. Ms. West manages the day-to-day operations of an agency that is responsible for providing coordination support and emergency management services to local and federal responders in the nation's capital. She also acts as the State Administrative Agent for US Department of Homeland Security grants ...



# RESULTS

- Robotics Teams
  - Scholarships
  - Internships
  - Employment
  - Professional Development
- 



# A FEW RESOURCES ...

- American Association of University Women [www.aauw.org](http://www.aauw.org) Advances equity for women and girls through advocacy, education, and research.
- National Alliance for Partnerships in Equity (NAPE) [www.napequity.org](http://www.napequity.org) is a national organization committed to the advancement of equity and diversity in classrooms and workplaces.
- National Coalition of Women and Girls in Education (NCWGE) [www.ncwge.org](http://www.ncwge.org) represents more than 50 diverse national organizations committed to improving educational opportunities and equality for women and girls in all aspects of education.
- National Girls Collaborative Project [www.ngcproject.org](http://www.ngcproject.org) Advancing the Agenda in Gender Equity for Science, Technology, Engineering, and
- STEM Equity Pipeline [www.stemequitypipeline.org](http://www.stemequitypipeline.org) NSF funded “Expanding Options for Women and Girls in Science, Technology, Engineering and Math”

## CONTACT INFORMATION

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State Civil Rights and Gender Equity Coordinator  
Postsecondary and Career Education Division

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