

EYH12 Committee Members

Jan Frigo, EYH12 Chair
Barbara Tenorio-Grimes, TC12 Chair
Georgia Pedicini, EYH12 Registrar
Wendee Brunish
Lisa Colletti
Stephanie Hagelberg
Jutta Kayser
Meghan (Wingate) McClelland
Emily Schultz-Fellenz
Shannon Steinfadt
Aviva Sussman
Prescilla Vigil
Debra Wroblewski
Xiaoguang Yang

Thanks to all Logistical Assistants!



Special Acknowledgements

EYH conferences in New Mexico are licensed by the New Mexico Network for Women in Science and Engineering through the national EYH Network and are supported by donations from the McCune Foundation.

Special Thanks to these Organizations

CPO: Community Programs Office
STBPO: Science & Technology Base Program Office
ISR Division: Intelligence Space Research
LANL Printshop
Time Out Pizzeria
Crossroads Bible Church
American Geophysical Union (AGU)
Assoc. for Computing Machinery (ACM)
Geological Society of America (GSA)
Google
Intel

Special Thanks to these Community Sponsors

GOLD: NSTec
GOLD: STBPO
GOLD: LANS
GOLD: LANB
GOLD: CPO

National Security Technologies, LLC (NSTec)
Los Alamos Women in Science (LAWIS)
Los Alamos National Laboratory (LANL)
Los Alamos National Security, LLC (LANS)

Present:



Wednesday, March 21, 2012
Crossroads Bible Church,
Los Alamos, New Mexico

<http://nmnwse.org/lawis/eyh>



EYH12 Student Program

Registration	08:00 – 08:30
Introduction with LANL deputy director Elizabeth Sellers	08:30 – 09:20
Workshop 1	09:20 – 10:45
Break/Regroup	10:45 – 11:00
Workshop 2	11:00 – 12:30
Lunch	12:30 – 01:15
Speaker: Alicia Ortega	01:15 – 01:35
Closing remarks	01:35 – 02:00

EYH12 Sponsor/Teacher Workshop, Canyon Complex

Registration/ Breakfast	08:00 – 08:30
Introduction/ How to Register for EYH on-line	08:30 – 08:35
Fuel Cell Class	08:35 – 12:30
Lunch	12:30 – 1:00
Join students for Speaker/Closing remarks	01:15 – 2:00

Student Workshops

1. "Pulling out DNA from your own cheek cells!"
Harshini (Harshi) Mukundan
Topic: Biology, Room 1
2. "Cryptography and Steganography – From Cesar to Shannon"
Sarah L Morgan
Topic: Applied Math, Room 4
3. "Aviation/Aerospace"
Virginie Dupont and Marianne Francois
Topic: Physics, Math, Room 8
4. "Ooey Goey Polymers,"
Debra Wroblewski and Cindy Welch
Topic: Chemistry, Room 11 (kitchen in basement)
5. "Robotics: Designing patterns with mobile robots,"
Jan Frigo, Susan Coulter, and Lisa Day
Topic: Engineering, Computer Science, Room 12

Student Workshops(cont'd)

6. "Minerals in Makeup"
Karen Jacobs and Mindy Zimmer
Topic: Geology, Room 10
7. "Hydrogen Fuel Cells: See what a single cell is!"
Calita Quesada
Topic: Engineering/Chemistry, Room 3
8. "Emergency Medicine: When seconds count!"
Erin Johnson and Ashley Young
Topic: Medical Science, Room 5
9. "Nutrition: Science vs. the latest Trend"
Sara Pocernik
Topic: Medical Science/
Biology, Room 6
10. "Ocean Density, Currents, and Ice"
Elizabeth Hunke and Nicole Jeffery
Topic: Earth Sciences, Room 7