

2007 EYH Workshop Descriptions

1. Helping People To See Better

What does it take to be an Ophthalmic Technician? And what, exactly, IS an ophthalmic technician? You'll find out!

Presenter: Shreeta Acharya, Ophthalmic Technician

2. Chart Your Path in the Sky

What do you need to know to be a pilot, an air traffic controller, or an astronaut? This aviation workshop introduces aircraft basics, flight controls, and flight planning. It will tell students how an airplane flies, the cockpit instruments the pilot uses to control the airplane, and the charts and communication procedures required during a flight.

Presenter: Caroline Baldwin, Private Pilot, and Nancy Ketchum, Pilot

3. Adventures in Advanced Practice Nursing

Explore advanced nursing opportunities— from delivering babies to intensive care for the heart.

Presenters: Chris Brickley, Family Nurse Practitioner, and Shauna McCosh, RN / Licensed Midwife

4. "Check" It Out!

What is a checking account and how does it work? Basic knowledge and basic skills, because every woman will have a bank account.

Presenter: Sidra Bueno, Master of Business Administration Candidate

5. Comets: The Earth's Spectacular Visitors

Comets! These beautiful objects are one of the most recognized astronomical bodies. In this workshop, students will learn about the components and composition of comets.

Presenter: Mellissa Burk, Astronomy Student, New Mexico State University

6. Suturing and Surgical Knots 101: Sewing for Beginners

Students will use their very own fingers in this introduction to basic suturing and surgical knot typing techniques.

Presenter: Dr. Laura Davenport-Reed (Internal Medicine / Pediatrics)

7. Math, Science, and Technology in the Modern Publishing World

Create your own publication using state-of-the-art publishing technology, while learning how publishing really works.

Presenter: Christina Ely, Publisher/Editor-in-Chief, *Silver City Daily Press*

8. Women of the Wild

If you were a fish, could you live in this water? Chemistry can tell you! Can you recognize animal tracks in the wild? You can after this workshop! Come check out the animal skins and skulls, and see how many you can identify.

Presenters: Marguerite Lackey, Fish Culturist, Jamie Frederick, Conservation Officer, and LuAnn Tafoya
New Mexico Department of Game and Fish

9. Hands for Health

We'll learn about the health benefits of Massage, as well as the kind of schooling required to be a licensed massage therapist, and the potential for jobs.

Presenter: Laurie Larson, Businesswoman, Physical Therapy and Massage

10. Healthy Kitty, Happy Cat

While kitty is sleeping under anesthesia, you'll learn about the pre surgical physical exams that veterinarians perform every day— by DOING them!

Presenter: Dr. Linda Locklar and Dr. Robin Hines (Veterinarians)

11. Should Water Be Blue?

Water is vital to life. Copper is vital to how we live our lives. Learn about the water on, in, under, and around a copper mine.

Presenter: Kathy London, Senior Environmental Engineer

12. Dirt Detective: Sherds, Bones, and Digging in the Dirt

Find out about archaeology and preservation. Hear about prehistoric peoples of SW New Mexico and their use of natural resources. You'll have hands-on pottery activities and learn a little about what it's like being an archaeologist.

Presenter: Marilyn Markel, Archeologist / Educator

13. Designing Women

Explore the world of architecture and design, and how AutoCAD can make your work shine!

Nikki O'Connell, AutoCAD Specialist/Design Consultant

14. Rockin' Around New Mexico

Be a geologist for the next hour! You will identify minerals and fossils using the same tools and skills that geologists use. Also, see how rocks and minerals are used in your everyday life. "Playdough Rocks" will teach you about how the earth moves and shapes itself.

Presenter: Pam Pinson, Environmental Geologist

15. Wet and Wild!

Join us as we explore the wonders of southwestern rivers! Experience firsthand what it feels like to be a fish in the Gila River! Explore how these dynamic and critical ecosystems have changed and continue to change. Learn what you need to know to conserve these unique ecosystems for the future!

Presenter: Marikay Ramsey, Black Forest Range Biologist, Carolyn Koury, and Debby Hyde-Sato, Gila National Forest

16. The Electronic Circuits of Project Management

Students will learn how systems work, whether they are project management systems or electronic systems. Students will enjoy hands-on activities with Electronic Circuit kits. "Hands on" realistic session, with all the attributes and challenges of any real life project or business venture. It's a project management session that mixes engineering and management concepts by using Electronic Circuit Kits to drive the session. It's a class full of excitement that will leave all class participants energized and with an appreciation for real time project management challenge

Presenter: Wanda Ronquillo, Manager, Tape Storage Development, IBM

17. A Sexy Career: Digital Design

Hands-on demonstration using the basics of web design. Students will design their own web page!

Presenter: Lisa Rubin, Professor of Graphic Design

18. Digital Imaging

Digital Image 2006 puts you in control of your pictures and videos through a combination of powerful digital-imaging tools and professional-quality picture projects. Try it— you'll like it!

Presenter: Lorraine Sanchez, Technology Specialist

19. Survey Engineering: Oh, The Places You'll Go!

Brief background and history of surveying from Ancient Egypt to the modern day use of GPS technology. Like exotic locations? Like to travel? We'll take a look into various job opportunities, from the Alaskan oil fields to working aboard NOAA research vessels in the Caribbean.

Presenter: Amanda Snure, Survey Engineer

20. Use Your Smarts To Know Your Parts

Students will learn about the anatomy and physiology of human body, based on their own questions. How curious are you... about YOU?

Presenter: Dr. Twana Sparks (Ear, Nose, & Throat)

21. Barcode Bling and Other Fine Things

See how the hospital pharmacy and nurses use bar coding to provide every patient with the right medication. We'll bar-code sample "medicine" (candy) to use and produce a skit in which everyone makes the process work. We'll see if we can fool the nurse into trying to give the wrong medicine to the patient and how the bar code computer program makes Gila Regional Medical Center a safer place.

Presenter: Emily Warner, Gila Regional Pharmacist

22. Making Dental Models: Put Your Finger In It!

We will have rad fun playing around with the same stuff dentists use to make models of patients teeth. Dentists use these models to study peoples mouths to make gold and porcelain crowns (and maybe a grill), or make your grandmothers false teeth, or even use for designing your braces. We will make models of our fingers (or anything else unusual you'd like to model) that you will take with you.

Presenter: Dr. Gail Willow (Dentist)

23. Capsules, Lotions... "Magic Potions"

Pour it in, mix it up, put it in a bottle... hands-on activities making pills or lotions that you can take home.

Barbara Wood, Pharmacist