Sheri Potter
*COPUS Network Project Manager, AI/BS*

Judy Scotchmoor
*COPUS Steering Committee, UCMP*
What is COPUS?
**Ferocious Beauty: Genome**

Ferocious Beauty: Genome investigates the startling realities of how knowledge of the genome will change the way we think about aging, perfection, ancestry, and evolution. The company developed the piece through collaborations with thirty-four genetic scientists and researchers from leading universities and government agencies across the country. Partners for the Washington DC premiere include the National Human Genome Research Institute (NHGRI), and Francis S. Collins, M.D., Ph.D, director of the Human Genome project, will lead a post-performance discussion.

**Location:** Liz Lerman Dance Exchange, 7117 Maple Avenue, Takoma Park, Maryland, United States
**To map this location:** click here
**For more information** click here
**Organization:** Liz Lerman Dance Exchange
**Contact:** Kimberly Quick, (kquick [at] danceexchange.org)

**Sciencecafes.org**

Science cafes involve a lively conversation with a scientist about current science topics. They are open to everyone, and take place in casual settings like pubs and coffeehouses. At a café you can...

- learn about the latest issues in science
- chat with a scientist in plain language
- meet new friends
- speak your mind
- talk with your mouth full

**For more information** click here
**Organization:** Sigma Xi, The Scientific Research Society
**Contact:** Roger Harris, (rharris [at] sigmaxi.org)

**Florida Junior Science Engineering and Humanities Symposium**

The 45th annual Florida Junior Science Engineering and Humanities Symposium (FJSEHS) will be held February 3, 2008 through February 5, 2008 at the University of Florida. JSEHS brings Florida science teachers, high school students and select middle school students to UF for three days to take part in research laboratory tours and judged speaker competition for 11th and 12th grade student researchers. Additionally, JSEHS offers 9th and 10th grade students the opportunity to give presentations as a practice for future competitions. Students are invited to bring posters to display throughout the symposium. Attendance is open to non-presenters, parents and friends. This year’s science speakers will be Dr. Kevin Jones, Professor and Chair, Material
Thematic Hubs

ASTC

SIGMA XI

The Scientific Research Society

FUTURE FACES OF PHYSICS

Society of Physics Students
How is COPUS unique?

[Diagram showing the relationship between COPUS National, COPUS Participants, Thematic Hubs, and Regional Hubs.]
What is COPUS doing?
YEAR of SCIENCE 2009
Explore. Empower. Engage...
Try a Themed Approach!

The underlying thread of Year of Science 2009 is to celebrate "how we know what we know." It's purpose is to engage the public in science and improve public understanding about how science works, why it matters, and who scientists are.

If you, your organization, or your COPUS regional hub isn't sure where to start in planning YoS09 activities-the COPUS community suggests trying a themed approach - match your activities with the focus of the month:

- January - Process and Nature of Science; Communicating Science
- February - Evolution
- March - Physics and Technology
- April - Energy resources
- May - Sustainability and the Environment
- June - Oceans and Water
- July - Astronomy
- August - Weather and Climate
- September - Biodiversity and Conservation
- October - Geosciences and Planet Earth
- November - Chemistry
- December - Science & health
Welcome!

- Find out what's new.
- See a visual representation of the process of science.

Understanding Science 101

A basic course on the nature of science, including:

- Introduction: Science in a Nutshell
- What is science?
- How science works
- Scientific evidence
- Science as a human endeavor
- Science and society
- Why science matters
- Your science toolkit

Asteroids and dinosaurs: Unexpected twists and an unfinished story

An intriguing observation would eventually lead Walter Alvarez towards solving what happened to the dinosaurs.

See more science in action >>

FAQs: Permian critters

Science news: Ants ruined my picnic

Resource library

- Teaching resources - classroom activities, strategies, conceptual framework and more.
- Correcting misconceptions - clear up common misconceptions about the nature of science
- Science in action - profiles and news about scientists and their work

Science talk

A neutron walks into a bar and orders a beer. The bartender
How science works

- Exploration and Discovery
- Testing Ideas
- Benefits and Outcomes
- Community Analysis and Feedback
What are the advantages?

- Participation in a collaborative network
- Participation in Year of Science 2009
- Increased audience through the COPUS Web site
- Opportunity to share best practices and learn from others
- A role in growing COPUS community
How are AIBS members participating?

The BSCS Keys to Science Institute

The Keys institutes focus on science content and pedagogy for teachers of all ages. The result: Improved teaching and learning experiences in participants' schools.

Each BSCS Keys to Science Institute provides a year-long experience with a week-long intensive content deepening program in Colorado Springs at BSCS headquarters and a training, online program. The online program incorporates an array of continuing professional development year without

Programs, Resources, and Events

The Hutton Junior Fisheries Biology Program

The Hutton Junior Fisheries Biology Program is a summer mentoring program for high school students sponsored by the American Fisheries Society. The program is designed to stimulate interest in careers in fisheries science and management among groups underrepresented in the fisheries professions, including minorities and women. Application to the program is open to all sophomores, juniors, and seniors participating in science, engineering, or related fields.

Programs, Resources, and Events

Clayoquot Consortium

The Clayoquot Consortium is a network of academic institutions that supports and participates in research and education on the west coast of Vancouver Island in British Columbia, Canada. The Clayoquot Consortium was formed in 1997 through a collaborative process to enhance and sustain community, environmental, and social well-being in the Clayoquot Sound region.

Programs, Resources, and Events

Tofino Botanical Gardens

The Tofino Botanical Gardens is a botanical garden located in Tofino, British Columbia, Canada. It features a variety of plant species, including rare and threatened species, and offers educational programs and events. The garden is a place of learning and conservation, promoting environmental awareness and appreciation of the natural world.

Programs, Resources, and Events

Mbabane

The Mbabane Botanical Garden is a botanical garden located in Mbabane, Eswatini. It is a popular tourist destination, known for its lush vegetation and diverse plant life. The garden offers educational programs and guided tours, allowing visitors to explore the natural beauty and learn about the local flora and fauna.

Programs, Resources, and Events

The BSCS Keys to Science Institute

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Programs, Resources, and Events

Location: The Biological Sciences Curriculum Study Headwaters, Colorado, United States

Date and time:

To map this location: click here

For more information click here

Organization: Biological Sciences Curriculum Study (BSCS)

Contact: Nancy Landes, (ncdfcenter[@]bscs.org)

Admission is charged to this event

Primary discipline: biology

Type of event: workshop

Resources:
How are AI BS members participating?
How are AIBS members participating?

As the president of SICB, I am a very strong advocate of COPUS, and hope to have our society actively involved, beginning with our annual meeting in Boston, the first week of 2009.

-John Pearse
How are AI BS members participating?

Such a partnership between ESA and AI BS might simply be a pledge from ESA … to encourage every ESA member to participate in one community outreach effort, since the multiplier effect is far-reaching. (e.g. Ten thousand members x 100 participants in a hike, lecture, or school assembly = 1 million citizens inspired by an ecologist.)

- Canopy Meg Lowman
How are AI BS members participating?
Discussion Questions

- How might your organization participate in YoS09?

- What unmet need can the biology community meet together through a synergistic activity?