Dr. Megan Adams, Bowling Green State University
“Ninety Pounds of Fight: The Story of Lucy Furman”
Through photographs, letters, and selections of Furman’s writing, Megan Adams tells the story of a prolific Appalachian author, educator, and environmentalist, encouraging modern Appalachian women scholars and scientists to be aware of the strong women who opened doors and provided opportunities for other women in science.

Vicki A. Whitacre, Zanesville Muskingum County Health Department Medical Director
“The Suspense Was Killing Me”
Dr. Whitacre, the third female physician to come to Zanesville, describes the barriers and benefits of being a “Beverly Hillbilly” who was trained and practiced in pediatrics and emergency medicine.

Women of Appalachia Health Services (Mini-Panel)
Medical Director Vicki A. Whitacre (MD), Susan Whitacre (RN), Director of Nursing Carol Howdysheil (MSN, RN), and Health Commissioner Corey Hamilton (MS, RD, LD), four women born and raised in Appalachia, discuss their experiences turning their interests in math and science into careers in Appalachian medicine.

“I’d Rather Not Know”: Multiple Approaches to Public Health Education in Appalachia (Mini-Panel)
Dr. Roxanne H. Burns, Kent State University East Liverpool Campus
“Health Studies of Manganese Poisoning in East Liverpool, OH: Organizing Community Participation”
In February, 2008, a risk analysis of the air quality in East Liverpool revealed air levels of the heavy metal manganese that were among the highest ever reported in the United States. Dr. Burns talks about the means and outcomes of community organizers’ attempts to recruit test subjects and educate the community about these studies.

Karen Kotrba, Youngstown State University East Liverpool Campus
“My Illness is Like a Shark”
Language, metaphor, and image can help us reconnect to ourselves as well as others, and can help us make sense of our lives, our relationships, and our illnesses. Karen Kotrba discusses a series of writing workshops for women with Multiple Sclerosis, demonstrating the need for a safe, non-judgmental, and creative environment for understanding illness.

Dr. Patti Capel Swartz, Kent State University East Liverpool Campus
“Brownfields: Poems about Pollution and People”
How does one address communities’ “not wanting to know” about environmental health in order to mobilize grassroots activism to remediate harmful practices? Poetry is one way of touching the emotional life that surrounds these issues, of entering a conversation about what has happened, what is happening, and what may happen in the future.

### Scholarly Conference Friday, October 19

<table>
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<th>Time &amp; Location</th>
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<tr>
<td>7:30 a.m. – 8:00 a.m.</td>
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<td>Campus Center</td>
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| 8:00 a.m. – 9:00 a.m. | Keynote with Dr. Michelle Withers
“Work Backwards to Move Learning Forward”
Dr. Withers will explore how to use students’ already established knowledge base to learn and understand new concepts. |
| Campus Center Conference Room T430 | |
| 9:00 a.m. – 9:30 a.m. | Women in Science and Active Learning Roundtable
Dynamic discussion perfect for anyone interested in promoting science education as it relates to future careers and active learning. |
| Campus Center Conference Room T430 | |
| 9:40 a.m. - 11:40 a.m. | Pedagogy Panel
Higher Education educators present their philosophies of interactive learning by sharing their projects which provides students with “hands-on” field experience. |
| Campus Center Conference Room T430 | |
| 12:00 p.m. - 1:00 p.m. | Lunch on your own
see insert for suggestions close by |
| 1:05 p.m. - 3:30 p.m. | Concurrent Panels |
| 1:05 p.m. - 3:30 p.m. | Environment Panel
Campus Center T431
An exploration of Appalachia conducted by various Appalachian professors. The history, the contributions, both past and present, and the priorities for preservation. |
| 1:05 p.m. - 3:30 p.m. | Health Panel
Campus Center T430
Professors link long-term illnesses with the stress-relieving powers of writing. Local medical professionals delve into environmental issues and share their stories of what it means to be Women of Appalachia. |
| 3:30 p.m. - 4:00 p.m. | Final Wrap-Up and Evaluations |
Dr. Orianna Carter and Dr. Purba Das, Ohio University Southern Campus
“Environmental Health, Sustainability and Media Awareness: A Regional Study”
In a collaboration between biological sciences and health communications, Dr. Carter and Dr. Das discuss their 1804 Grant funded research and course on “Environmental Health and Media Perception,” investigating the gap between scientific knowledge and media dissemination of information.

Elizabeth Kline, Zane State College
“Out of the Classroom and into the Field: An Experiential Learning Partnership between Academia and the Business Community”
Utilizing Kolb’s “Experiential Learning Theory,” Zane State College and the Wilds have partnered to provide a semester-long, project-based learning experience for students focusing on hydrogeology. Instead of employing the traditional lecture-lab model, students learn the concepts of hydrogeology in the field, a method that Kline (M.S., CHMM) believes increases student learning, participation, and confidence.

Dr. Amy Keesee, President of AWIS-WV
“The Association for Women in Science: A Network, A Resource, A Voice for Women Scientists in West Virginia”
AWIS-WV provides professional development opportunities to women in STEM fields and outreach opportunities for students in West Virginia, including events with visiting women scientists, networking lunches, and an annual Expanding Your Horizons event for middle school girls. Dr. Keesee will present information about AWIS National, AWIS-WV activities, and how to join.

Dr. Mawadda Al-Naeeli, Ohio University Zanesville Campus
“Active Learning and Career Choices in Biological Sciences”
Dr. Al-Naeeli summarizes primary literature on active learning and presents model examples of active learning in career planning in order to advocate active student involvement in researching career options, identifying requirements for pursuing these options, and seeking direct feedback from currently practicing professionals.

Dr. Gabriela Popa and Dr. Sheida Shirvani, Ohio University Zanesville Campus
“Appalachian Women’s Challenges in the Field of Science”
After a general discussion of patriarchy’s limiting women’s contributions to science, Dr. Popa and Dr. Shirvani will introduce a project designed to trace the negligence of women in scientific fields, to account for the fewer number of Appalachian women in these fields, and to identify possible interventions that might encourage Appalachian women in science.

Professor Steven Cox, University of Tennessee Chattanooga Campus
“Emma Bell Miles: Southern Appalachia’s Woman Naturalist”
Emma Bell Miles (1879-1919) was an Appalachian writer, naturalist, poet, and artist. Miles lived on Walden’s Ridge in Tennessee, near Chattanooga. Focusing on Miles’s nature work both in print and on canvas, Cox characterizes the life and contributions of a great Appalachian woman.

Dr. Natalie Kruse Daniels, Ohio University Athens Campus
“Appalachian Coal Mining—The Past, We Inherit, The Future, We Build”
Appalachian timber, iron, and coal may have fueled the development of the nation, but the extractive industries have left a lasting impact on the region’s ecosystems. Dr. Kruse’s presentation describes this damage along with reclamation and treatment projects that have recovered over 42 miles of stream at Raccoon Creek.

Cynthia M. Rodgers, Ohio University Zanesville Campus
“Ethics of Extraction”
In a presentation that explores the unfair treatment of Appalachian people and offers suggestions for fair treatment, Rodgers argues that the methods of extracting gas and coal from the Appalachian Region, based on a utilitarian justification, have damaged ground water and endangered the viability of the Appalachian culture.

Dr. Michele Morrone, Ohio University Athens Campus
“Appalachian Voices, Environmental Justice, and Community Health”
Dr. Morrone will present collaborative research, conducted with Dr. Geoff Buckley. Based on a series of interviews that shift the focus of environmental justice discourse from urban centers to rural communities, Morrone and Buckley’s research highlights the impact that local activism can have on defining national environmental priorities.

Southeast Ohio Watershed Panel (Mini-Panel)
“Women and Watersheds”
Dr. Natalie Kruse (Environmental Studies in the Voinovich School), Michelle Shaw (Watershed Coordinator at Sunday Creek), and Sarah Landers (Water Quality Specialist for the Raccoon Creek Partnership) will share the work they do in their current positions and the path they took to get there.

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