

# 2012 WISE SYMPOSIUM AGENDA

TUESDAY FEBRUARY 28, 2012

2:00 PM  
to  
8:00 PM

## CONFERENCE CHECK-IN AVAILABLE IN THE BLACKWELL LOBBY

Available from 2:00 PM - 10:00 PM

5:00 PM  
to  
8:00 PM

## SHUTTLES AVAILABLE BETWEEN BATTELLE AND THE BLACKWELL INN

*(See Shuttle Schedule Below)*

5:30 PM  
to  
7:30 PM

## BATTELLE RECEPTION

*(Battelle Main Lobby)*

Meet and Greet with Beverages and Hors d'oeuvres

5:45 PM

## BATTELLE TOURS

*(Leaving from Battelle Main Lobby)*

Starting at 5:45 PM

for guests who have pre-registered for facility tours

6:30 PM

## WELCOME REMARKS

**Dr. Jeffrey Wadsworth**

President and CEO

Battelle Memorial Institute

7:30 PM

## RECEPTION AND TOURS CONCLUDE

WEDNESDAY MORNING, FEBRUARY 29, 2012

7:00 AM  
to  
8:00 PM

## SHUTTLES AVAILABLE BETWEEN BATTELLE AND THE BLACKWELL INN

*(See Shuttle Schedule Below)*

7:30 AM

## BUFFET BREAKFAST AND CHECK-IN

*(Ballroom at The Blackwell Inn)*

The Blackwell Inn  
Columbus, Ohio

9:00 AM

## WELCOME REMARKS

*(Ballroom at The Blackwell Inn)*

**Barbara L. Kunz**

President, Health and Life Sciences Global Business  
Battelle Memorial Institute

9:15 AM

## KEYNOTE SPEAKER

*(Ballroom at The Blackwell Inn)*

**Dr. Julie L. Gerberding**

President, Merck Vaccines  
Merck Sharp & Dohme Corporation

10:15 AM

## BREAK

10:30 AM

## PANEL DISCUSSION: STEM

*(Ballroom at The Blackwell Inn)*

Moderator:

**The Honorable Eric D. Fingerhut**

Vice President, Education & STEM Learning  
Battelle Memorial Institute

Panelists:

**Allison Barnes**

Student, The Ohio State University

**Dr. Lisa Hinkelman**

Founder and Director  
Ruling Our eXperiences

**Dr. Mary Juhas**

Associate Dean, Diversity and Outreach  
College of Engineering at The Ohio State University

**Marcy Raymond**

Principal eSTEM Reynoldsburg High School

12:00 PM

## BUFFET LUNCH

*(Ballroom at The Blackwell Inn)*

**CONCURRENT BREAK OUT SESSION #1**

1:00 PM	<p><b>Topic: Leadership and Professional Development</b> (Pfahl Room 302) <u>Moderator:</u> <b>Melissa Masters</b> <u>Presenters:</u> <b>Kimberly McCutcheon,</b> <i>Bridging the Culture Gap with Leadership</i> <b>Dr. Joan Herbers,</b> <i>Gender Equity Across Work Sectors</i> <b>Sophia Cruden,</b> <i>The Impact of Employee Resource Groups in Leadership Development</i></p>	<p><b>Topic: Environmental Impact</b> (Pfahl Room 340) <u>Moderator:</u> <b>Dr. Ann Louise Sumner</b> <u>Presenters:</u> <b>Cheryn Engebrecht,</b> <i>Building America—Advanced Whole Home Efficiency Program</i> <b>Katherine Mitchell,</b> <i>Variable Ice Reduction Technology-VIRT</i> <b>Karen Riggs,</b> <i>Investigation of Air Quality in West Virginia</i></p>	<p><b>Topic: Cutting Edge Medicine</b> (Pfahl Room 140) <u>Moderator:</u> <b>Dr. Carol Sabourin</b> <u>Presenters:</u> <b>Dr. Kristy Ainslie,</b> <i>Novel Biopolymer Acetalated Dextran for Therapeutic and Immune Applications</i> <b>Dr. Cathie Smith,</b> <i>Mitigating Risk: Transformational Science Drives Drug Development Decision Making</i> <b>Dr. Kimberly Henderson,</b> <i>The Tell-Tale Heart: What can the Isolated Heart Tell us About Drug Induced Cardiac Injury?</i></p>
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2:30 PM

**BREAK**

**CONCURRENT BREAK OUT SESSION #2**

2:45 PM	<p><b>Topic: Program Management</b> (Pfahl Room 140) <u>Moderator:</u> <b>Kellie Zupkofska</b> <u>Presenters:</u> <b>Dr. Julia White,</b> <i>Program Management as a Career in Science</i> <b>Rainy Mumper,</b> <i>Improving Project Performance Using Agile Best Practices</i> <b>Melissa Masters with Stephanie Kute, Kathlyn Boudwin and Julia White,</b> <i>Project Management: How to see the Forest through the Trees</i></p>	<p><b>Topic: Networking</b> (Pfahl Room 302) <u>Moderator:</u> <b>Lindsey Felix</b> <u>Presenters:</u> <b>Dr. Carol Sabourin,</b> <i>Four Degrees of Networking: One Scientist's Saga</i> <b>Dr. Hyong-Ha Kim,</b> <i>The Association of Korean Woman Scientists and Engineers</i> <b>Dr. Tamta Vatcharadze,</b> <i>The Changing Role of Women in Biological Sciences in Georgia during the Post-Soviet era</i></p>	<p><b>Topic: Alternative Fuels</b> (Pfahl Room 340) <u>Moderator:</u> <b>Glenda Holderbaum</b> <u>Presenters:</u> <b>Dr. Angela Ziebell,</b> <i>Characterization of Low Lignin Biomass: Understanding Impacts &amp; Limitations</i> <b>Dr. Etsuko Fujita,</b> <i>Solar Fuels Generation</i> <b>Dr. Clare Dibble,</b> <i>Optimizing Sugar Production for Lignocellulosic Biomass as an intermediate for conversion to transportation fuels</i></p>
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4:15 PM

**BREAK**

**WEDNESDAY EVENING, FEBRUARY 29, 2012**

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**POSTER SESSION**

*(Ballroom at The Blackwell Inn)*

4:30 PM

**Welcome Remarks**

**Martin E. Toomajian**

President, Energy, Environment and Material Sciences Global Business  
Battelle Memorial Institute

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**POSTER SESSION – Group A**

**Hors d'oeuvres, Beverages and Networking**

5:00 PM

Scientific Symposia

Group A Presenters with Posters for Discussion

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**POSTER SESSION – Group B**

**Hors d'oeuvres, Beverages and Networking**

6:00 PM

Scientific Symposia

Group B Presenters with Posters for Discussion

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**POSTER SESSION CONCLUDES**

7:00 PM

Open Networking until 7:30 PM

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THURSDAY MORNING, MARCH 1, 2012

7:00 AM  
to  
2:00 PM

## SHUTTLES AVAILABLE BETWEEN BATTELLE AND THE BLACKWELL INN

*(See Shuttle Schedule Below)*

## BUFFET BREAKFAST AND NETWORKING

7:30 AM

*(Ballroom at The Blackwell Inn)*

The Blackwell Inn  
Columbus, Ohio

## WELCOME REMARKS

*(Ballroom at The Blackwell Inn)*

8:45 AM

**Timothy R. Sample**

Vice President and Sector Manager, Special Programs Market Sector  
Battelle Memorial Institute

## KEYNOTE SPEAKER

*(Ballroom at The Blackwell Inn)*

9:00 AM

**Dr. Rita R. Colwell**

Distinguished University Professor  
University of Maryland  
Center for Bioinformatics and Computational Biology

10:00 AM

## BREAK

## CONCURRENT BREAK OUT SESSION #3

### Topic: Technology Use

*(Pfahl Room 302)*

Moderator:

**Lisa McCauley**

Presenters:

**Darlene Wells**, *Available Data to Support Science & Fusing it all Together*

**Oriana Love**, *Who is this all for? Understanding Your Users*

**Johanna Levene**, *Demystifying Data Sharing on the Web*

10:15 AM

### Topic: Engaging the Next Generation

*(Pfahl Room 140)*

Moderator:

**Dr. Laurene Fomby**

Presenters:

**Stephanie Schumann**, *Creating a Learning Environment*

**Dr. Betty Lise Anderson**, *Hands-on Engineering Outreach for Middle & High Schools*

**Glenda LaRue and Sally Cleary Griffiths**, *A Group Mentoring Program Benefiting Students & Professionals*

### Topic: Threat Assessment and Neutron Detection

*(Pfahl Room 340)*

Moderator:

**Ronna Burton**

Presenters:

**Cynthia Gavin**, *The Science of Mass Fatality Management*

**Dr. Robin Burk**, *Semantic Network Analysis for Evidence Assessment: The Threat Anticipation Platform*

**Dr. Rebecca Nikolic**, *New Semiconductor Structures for Neutron Detection*

11:30 AM

## LUNCH

*(Ballroom at The Blackwell Inn)*

Assorted Box Lunches

THURSDAY AFTERNOON, MARCH 1, 2012

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## PANEL DISCUSSION: CAREER LADDER AND LATTICE

*(Ballroom at The Blackwell Inn)*

Moderator:

**David Mongeau**

Vice President and Product Line Manager, Software & Information Engineering  
Battelle Memorial Institute

Panelists:

**Laura Butler**

CEO, Worklife Performance Consulting

**David Butler**

President, Worklife Performance Consulting

**Velda Otey**

President and CEO of the Women's International Network of Utility Professionals (WINUP)

**Dianne D. Anderson**

Executive Director, Great Lakes Energy Institute

12:15 PM

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## CLOSING REMARKS

*(Ballroom at The Blackwell Inn)*

**Lee Ann Schwope**

Vice President, Commercial and International Market  
Battelle Memorial Institute

1:45 PM

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## SYMPOSIUM CONCLUDES

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2:00 PM

# 2012 WISE SYMPOSIUM

## SHUTTLE SCHEDULE FOR 2/28/2012

Depart The Blackwell to Battelle	Depart Battelle to The Blackwell
5:00 PM	5:15 PM
5:30 PM	5:45 PM
6:00 PM	6:15 PM
6:30 PM	6:45 PM
7:00 PM	7:15 PM
7:30 PM	7:45 PM

## SHUTTLE SCHEDULE FOR 2/29/2012

Depart The Blackwell to Battelle	Depart Battelle to The Blackwell
7:30 AM	7:45 AM
8:00 AM	8:15 AM
8:30 AM	8:45 AM
9:00 AM	9:15 AM
9:30 AM	9:45 AM
10:00 AM	10:15 AM
10:30 AM	10:45 AM
11:00 AM	11:15 AM
11:30 AM	11:45 AM
12:00 PM	12:15 PM
12:30 PM	12:45 PM
1:00 PM	1:15 PM
1:30 PM	1:45 PM
2:00 PM	2:15 PM
2:30 PM	2:45 PM
3:00 PM	3:15 PM
3:30 PM	3:45 PM
4:00 PM	4:15 PM
4:30 PM	4:45 PM
5:00 PM	5:15 PM
5:30 PM	5:45 PM
6:00 PM	6:15 PM
6:30 PM	6:45 PM
7:00 PM	7:15 PM
7:30 PM	7:45 PM
8:00 PM	-

## SHUTTLE SCHEDULE FOR 3/1/2012

Depart The Blackwell to Battelle	Depart Battelle to The Blackwell
7:30 AM	7:45 AM
8:00 AM	8:15 AM
8:30 AM	8:45 AM
9:00 AM	9:15 AM
9:30 AM	9:45 AM
10:00 AM	10:15 AM
10:30 AM	10:45 AM
11:00 AM	11:15 AM
11:30 AM	11:45 AM
12:00 PM	12:15 PM
12:30 PM	12:45 PM
1:00 PM	1:15 PM
1:30 PM	1:45 PM
2:00 PM	2:15 PM
2:30 PM	-