

## 2011 PreK-8 Science Education Update Conference ---- Program “At-A-Glance”

**7:30 am**

**Registration**

**8:00 am**

**Registration & Exhibits**

**8:30-9:20 am**

**Concurrent Sessions I**

HH 1	Betsy Hommel	<b>Children’s Literature in Science: New Releases</b>	preK-8
HH 3	Ronda McKee & Mary McMahon	<b>Great Migration: East meets West</b>	preK-8
HH 27	Barry Witten	<b>Let’s Make a Pop-up Book to Demonstrate Connections to Science, Technology, and Society!</b>	3-8
HH 42	Mary Lou Lipscomb & Jami Breslin	<b>Hop to It ... Fun and Easy Integrated Science and Mathematics</b>	5-8
HH 62	Tracy Trimpe & Cheryl McDaniel	<b>Forensic Science Investigations</b>	5-8
HH 64	Margaret Harn & Dawn Weinberg	<b>The mAGic of Plants</b>	5-8

**9:30-10:20 am**

**Concurrent Session II**

HH 1	Betsy Hommel	<b>Children’s Literature in Science: New Releases</b>	preK-8
HH 7	Julie Ann Bice	<b>THE BEAUTY OF BUTTERFLIES... making your lessons come ALIVE...(really alive!)</b>	preK-8
HH 26	Stacy McQueen	<b>Hands on Science Across the Curriculum</b>	PreK-2
HH 43	Monae Verbeke	<b>Accessing the Excitement of Science Museums to inspire new learning in schools</b>	preK-8
HH 44	Carol Van De Walle & Lisa Maxwell	<b>Discover Engineering: Test Your Design Skills!</b>	5-8

**10:20-10:50 am**

**Exhibits & Hospitality Northwest Hallway**

**10:50-11:40 am**

**Concurrent Session III**

HH 1	Betsy Hommel	<b>Children’s Literature in Science: New Releases</b>	preK-8
HH 3	Brian Poelker	<b>A Balancing Act</b>	5-8
HH 7	Jon Jones	<b>Do You want to <u>Really</u> know how difficult it is to read a science book?</b>	2-8
HH 26	Mary Jean Lynch & John J. Zenchak	<b>Creating a level playing field for students with diverse backgrounds</b>	2-8
HH 27	Kevin Daugherty	<b>Growing Minds with Ag in the Classroom</b>	preK-8
HH 62	Tracy Trimpe & Stacy Baker	<b>Junk Box Wars</b>	5-8

**11:50-12:45 pm**

**Mini Sessions (HH 42, 43 & 44)**

HH 42	Kevin Finson	<b>DIY Equipment for Your Science Laboratory</b>	5-8
	Laverne Logan, Alisha Welvaert & Jen Westphal	<b>What Does Your Blood Look Like?</b>	5-8
	Abha Singh	<b>Using fun to teach science: Where does the “M” go?</b>	preK-2
HH 43	Sebastian Szyjka	<b>Building a Better Raft: Understanding Sinking and Floating</b>	K-8
	Charles Williams	<b>Illinois Crude Oil &amp; Natural Gas Free Education Program</b>	K-8
HH 44	Berni Carmack & Kathy Reimers	<b>What is the secret formula of cola?</b>	PreK-5
	Frances Steward, Diana Goff, Juanita Moller, Mark Gregory, Jennifer Sarff, Becky Kruse, Jill Park, Morgan Fletcher, Michael Welch, & Luke Mazur	<b>Beneficial Bats: Have We Misjudged Them?</b>	2-5
	Julie Wulff	<b>Simple Machine – Balancing Lever</b>	5-6
	Don Powers & Brandon John	<b>Hot Wheels and Science</b>	4-8

**1:00-1:45**

**LUNCH**

**University Union Heritage Room, 2<sup>nd</sup> floor**

**1:45-3:00**

**WELCOME, RECOGNITION,  
AWARDS & DOOR PRIZES**

**University Union Heritage Room, 2<sup>nd</sup> floor**

# 2011 PreK-8 Science Education Update Conference

Welcome to the 25th Annual PreK-8 Science Education Update Conference. At 1:00 pm lunch will be held in the Heritage Room, University Union, 2<sup>nd</sup> floor. Awards, announcement and door prize drawing will follow. The conference is scheduled to conclude by 3 pm.

## ❖ ❖ ❖ 8:30-9:20 Concurrent Session I ❖ ❖ ❖

- HH 1 Betsy Hommel** **Western Illinois University, Macomb, IL**  
**Children's Literature in Science: New Releases**  
This open session will offer participants an opportunity to browse new trade books in science at various grade levels and topics in science, as well as other disciplines and genres. Come late, leave early, or stay as long as you like.
- HH 3 Ronda McKee & Mary McMahan** **West Prairie Middle and Elementary School, Good Hope & Colchester, IL**  
**Great Migration: East Meets West**  
This presentation will focus on the two migration areas of the monarch butterfly; Southern California and Mexico. Information about Monarch Teacher Network will be shared and the travel opportunity available through them. Monarch butterfly materials and activities will be shared.
- HH 27 Barry Witten** **Western Illinois University, Macomb, IL**  
**Let's Make a Pop-up Book to Demonstrate Connections to Science, Technology, and Society!**  
Participants will have a chance to create their very own *pop-up book* as we investigate authentic grade-level connections to *Science, Technology and Society* through standards for both science and social studies. A lesson plan and all other materials needed for creating the *pop-up book* will be provided.
- HH 42 Mary Lou Lipscomb & Jami Breslin** **Illinois Mathematics & Science Academy Aurora, IL**  
**Hop to It ... Fun and Easy Integrated Science and Mathematics**  
The integrated activities in our after school program keep kids coming back for more. In this sample you will construct origami frogs; collect and analyze data, and discuss variables. This lesson can be implemented in a science or mathematics classroom in a variety of ways. Use it Monday!
- HH 62 Tracy Trimpe & Cheryl McDaniel** **Havana Junior High School, Havana, IL**  
**Forensic Science Investigations**  
During this session, participants will learn how to address concepts in math, science, and technology through the use of forensic science lessons that can be used in a classroom setting, an after-school program, or a summer camp format. A variety of hands-on activities and investigations will be shared along with links to online resources for students. Handouts and prizes will be provided.
- HH 64 Margaret Harn & Dawn Weinberg** **Illinois Ag in the Classroom, McDonough & Hancock Counties, IL**  
**The mAGic of Plants**  
You will ooh and aah over the newest plant resources for Illinois Ag in the Classroom. Two kits, Plant mAGic and Soil mAGic will be shared with the participants. Hands-on activities and children's literature will be highlights of the presentation.

❖ ❖ ❖ **9:30-10:20 Concurrent Session II** ❖ ❖ ❖

- HH 1 Betsy Hommel** **Western Illinois University, Macomb, IL**  
**Children's Literature in Science: New Releases**  
This open session will offer participants an opportunity to browse new trade books in science at various grade levels and topics in science, as well as other disciplines and genres. Come late, leave early, or stay as long as you like.
- HH 7 Julie Ann Bice** **West Prairie Middle School, Colchester, IL &**  
**THE BEAUTY OF BUTTERFLIES...**  
**making your lessons come ALIVE...(really alive!)**  
By studying the lifecycle of the MONARCH butterfly, teachers can become part of an international effort to ensure their existence for many years to come. Using simple techniques, the process of raising caterpillars, and enjoying the stages of development including the release of these "flying jewels", teachers will experience a hands-on experiential learning phenomenon that will be long remembered. Ideas on building a butterfly garden and integrating this wonderful tale of nature into a little "song and dance" routine will involve participants in integrated curriculum ideas.
- HH 26 Stacy McQueen** **Brick School, Beardstown, IL**  
**Hands on Science Across the Curriculum**  
Looking for some hands on inquiry and thematic based ideas to help get your students excited about science? This session is packed full of activities that can easily be integrated throughout the curriculum. Topics include insects, air, oceans, color, the 5 senses and many more!
- HH 43 Monae Verbeke** **Western Illinois University, Quad Cities**  
**Accessing the Excitement of Science Museums to inspire new learning in schools**  
How can formal educators tap the expertise and excitement that comes from informal science institutions? Come discuss the successes of developing and using the programs available from these facilities in your classrooms. Ideas, suggestions, and materials on how you can use these experiences in your schools as well as activities that can be done will be presented.
- HH 44 Carol Van De Walle & Lisa Maxwell** **Western Illinois University, Quad Cities &**  
**Discover Engineering:** **Eugene Field School, Rock Island, IL**  
**Test Your Design Skills!**  
This activity will simulate the design aspects of a Structural Engineer. As part of a team, you will design and construct a cost effective structure that meets the specified criteria, on time, and within budget. Extension ideas and literature options are also included.

❖ ❖ ❖ **10:20 – 10:50 Break** ❖ ❖ ❖  
**Exhibits & Hospitality North Hallway**

❖ ❖ ❖ **10:50-11:40 Concurrent Session III** ❖ ❖ ❖

- HH 1 Betsy Hommel** **Western Illinois University, Macomb, IL**  
**Children's Literature in Science: New Releases**  
This open session will offer participants an opportunity to browse new trade books in science at various grade levels and topics in science, as well as other disciplines and genres. Come late, leave early, or stay as long as you like.
- HH 3 Brian Poelker** **Eastern Illinois University, Charleston, IL**  
**A Balancing Act**  
This learning cycle integrates science with mathematics and technological design. Participants will explore the basics of aerodynamics through the creation of paper airplanes. Everyday classroom materials; meter sticks, pennies, and pencils are used to allow your students to discover mathematical formulas that govern level flight. Students apply what they have learned as they redesign their airplanes. Modifications allow the planes to fly straight or make right and left turns.
- HH 7 Jon Jones** **Western Illinois University, Macomb, IL**  
**Do You want to Really know how difficult it is to read a science book?**  
Session participants will learn to calculate the reading difficulty of a text. The results of the calculations will be discussed in terms of how they can be used to enhance reading comprehension.
- HH 26 Mary Jean Lynch & John J. Zenchak** **North Central College, Naperville, IL**  
**Creating a level playing field for students with diverse backgrounds**  
A discrepant-event approach is a powerful STEM teaching tool. However, if students do not have enough life experience to form an explanation, the discrepant event becomes just another observation and loses its power. We created discrepant-event activities that provide both expectation and discrepancy. Students then explore through structured science inquiry.
- HH 27 Kevin Daugherty** **Illinois Agriculture in the Classroom**  
**Growing Minds with Ag in the Classroom** **Bloomington, IL**  
This session will incorporate great cross-curricular activities to keep your students interested in science. We will link various forms of literature with IAITC Ag Mags and hands-on activities covering science, language, social studies and math! Teachers and volunteers will leave this session with lessons ready to use in the classroom on Monday.
- HH 62 Tracy Trimpe & Stacy Baker** **Havana Junior High School, Havana, IL &**  
**Junk Box Wars** **Pleasant Hill School, Peoria, IL**  
Got junk? If so, you need to join us for this session to find out how to use a box of junk to target STEM concepts in a fun and engaging way. We will share our collection of Junk Box Wars activities that will challenge students to think "outside the box" as they design, build, and test a project to accomplish a specific task using a box of junk. Handouts and prizes will be provided!

❖ ❖ ❖ **11:50-12:45 Mini Sessions Horrabin Hall 42, 43, & 44** ❖ ❖ ❖

**HH 42**

- A. **Kevin Finson** **Bradley University, Peoria, IL**  
**DIY Equipment for Your Science Laboratory**  
Sometimes, an important aspect of a lesson is the concept behind the activity more so than the utilization of sophisticated equipment. You can employ common materials to design, construct, and use simple equipment, sometimes having students do it as part of their inquiry. I'll share some ideas with you.
- B. **Laverne Logan, Alisha Welvaert & Jen Westphal** **Western Illinois University, Moline, IL**  
**What Does Your Blood Look Like?**  
A hands-on activity which features the construction/use of models in envisioning the various parts of blood.
- C. **Abha Singh** **Western Illinois University,**  
**Using fun to teach science: Where does the "M" go?**  
This science activity presents a fun experiment, which will use some process skills like hypothesizing, observing, and making inferences to teach science with an attractive edible treat all children love.

**HH 43**

- D. **Sebastian Szyjka** **Western Illinois University, Macomb, IL**  
**Building a Better Raft: Understanding Sinking and Floating**  
Come find out which materials will make the best floating raft! Participants will test out different types of wood and determine maximum raft buoyancy.
- E. **Charles Williams** **Illinois Petroleum Resources Board, Mt. Vernon, IL**  
**Story of Petroleum**  
The IPRB provides a free Traveling Field Trip Exhibit to any school or special event in the state of Illinois. The exhibit features working models of crude oil and natural gas equipment, and graphical learning stations which students must "explore" to find energy information. Students learn how oil and gas are formed, where and how it is found, and how it is produced and refined. Stop by to find out how all this can be part of your school.

**HH 44**

- F. **Berni Carmack & Kathy Reimers** **Longfellow School, Rock Island, IL**  
**What is the secret formula of cola?** **Center for Math & Science, Rock Island, IL**  
Conference participants will be given hands-on experience with one of the activities from the GEMS "Secret Formulas" resource book. This sweet and tasty chemistry experiment involves investigating and adjusting the ratios of common ingredients to replicate the taste of cola. A list of literature connections will be provided.
- G. **Frances Steward, Diana Goff, Juanita Moller,** **Western Illinois University,**  
**Mark Gregory, Jennifer Sarff, Becky Krase, Jill Park, Morgan Fletcher,** **Macomb, IL**  
**Michael Welch & Luke Mazur**  
**Beneficial Bats: Have We Misjudged Them?**  
Participants will enjoy informative experience exploring the life of beneficial bats all around the globe via literacy fiction and non-fiction books, technology (online games/puzzles), fine arts, hands-on activities, music, handouts, and make-it/take-it origami bat puppets.

HH 44

- H. Julie Wulff** **Western Illinois University,**  
**Simple Machine – Balancing Lever**  
Archimedes said “Give me a lever long enough and a place to stand, and I will move the Earth.” What did he mean? Find out with this simple machine lever activity.
- I. Don Powers & Brandon John** **Western Illinois University,**  
**Hot Wheels and Science** **Macomb, IL**  
Will Hot Wheels get your students’ attention? Discover the science concepts and processes you can teach with these small cars.

❖ ❖ ❖ **1:00-1:45 Lunch** ❖ ❖ ❖  
**University Union, Heritage Room, 2<sup>nd</sup> floor**

❖ ❖ ❖ **1:45-3:00 Awards, Recognition & Door Prizes** ❖ ❖ ❖  
**University Union, Heritage Room, 2<sup>nd</sup> floor**

*Continuing Professional Development Units (CPDU's)*

*Western Illinois University is a recognized professional development provider and the conference is registered with the Illinois State Board of Education to provide 6.5 CPDU's toward certificate renewal. We will be providing each teacher participating in the conference today with two evaluation forms, one to be turned in to us and the other form that you will take with you as evidence of completion of the 6.5 hours. The forms will be available for distribution at the conclusion of the conference, following the networking lunch, announcements and drawing for door prizes, today in the University Union Heritage Room.*

## ❖ 2011 PreK-8 Science Education Update Conference Presenter Biographies ❖

**Stacy Baker** is currently teaching middle school science at Pleasant Hill School in Peoria. She has her Elementary Education degree from WIU and her master's degree in reading from ISU and more than 18 years classroom experience.

**Julie Ann Bice** has been an elementary teacher for many years. She has a BS in Elementary Education from Quincy College and a MS in Elementary Education from WIU. In addition to teaching at West Prairie Middle School in Colchester she is also an adjunct instructor at Monmouth College. Julie was the first teacher to be awarded "Teacher of the Month" award for teaching excellence from Pella Corporation. She is an avid SCIENCE and LITERATURE teacher, with a passion for music, art and the fine art of getting kids outside enjoying nature and learning at the same time...while getting dirty. Locally known to many as "Madame Butterfly" or "Digger" or "Mrs. Greenthumbs." She is a firm believer that every school should have an environmental habitat and advocate of NO CHILD LEFT INDOORS!

**Jami Breslin** spent ten years as a 6<sup>th</sup>-8<sup>th</sup> grade social studies teacher. A Phoebe Hearst Outstanding Educator nominee, she then worked as an Academic Specialist for the University of Illinois and the Association of Illinois Middle-Level Schools (AIMS); writing and editing the AIMS *On Target* Magazine; managing federal and state grants; and specializing in *Turning Points* school reform initiatives as an instructional coach for middle schools across Illinois. Currently, Jami serves as the Project Director of the IMSA FUSION after-school STEM enrichment program of the Illinois Mathematics and Science Academy. Jami earned her B.A. in Psychology from Loyola University and her M.A. in School Administration from Concordia University.

**Berni Carmack** has 31 years of experience as a classroom teacher. She currently teaches kindergarten. Berni has a Bachelors Degree in Special Education and a Masters Degree in Early Childhood Education.

**Kevin Daughtery** is the Education Director for Illinois Agriculture in the Classroom after ten years as a classroom teacher and work for a publishing company. He holds a BS in Secondary Education from UIUC and a MS in Technology from EIU.

**Kevin Finson** earned his B.S., M.S., and PhD. at Kansas State University. He has taught high school, junior high, and middle school science and university science and science education courses in North Dakota, at WIU, and at Bradley University.

**Morgan Fletcher** is majoring in Elementary Education at the WIU Macomb campus. She is from Winchester, Illinois.

**Diana Goff** – Diana is an assistant professor at WIU in the Curriculum and Instruction Department. She was educated and has taught both in Canada and U.S. She has a M.S. in Early Childhood Education from WIU. Diana was a reading specialist at U of I and has over thirty years of teaching experience in K-2. She has presented at regional, national and international conferences.

**Margaret Harn** is the Ag Literacy Coordinator for McDonough County. She recently retired from the Schuyler-Industry School District.

**Harry Hendrickson** is the Executive Director for Illinois Science Teachers Association. Previously, Harry has worked with the Illinois Department of Natural Resources Groundwater Division and the Trees are Forever program.

**Betsy Hommel** is an assistant professor in the Curriculum & Instruction Department with a B.S. and M.S. from Western Illinois University. She has taught for over twenty years in the public schools and at the university level.

**Brandon John** is a graduate student at WIU studying History with a focus on early Modern England. He is also the Maurice G. Kellogg Science Education Center Graduate Assistant.

**Jon Jones** is a Reading Professor at WIU where he also serves as the Director of the WIU Reading Clinic. Before coming to WIU he was a public school classroom teacher for more than ten years. He has his Doctorate in Reading from Ball State University.

**Becky Krase** is majoring in Elementary Education at the WIU Macomb campus. Becky's hometown is Prospect Heights, Illinois.

**LaVerne Logan** – LaVerne earned his PhD. from the University of Iowa. He is a professor and in his 11<sup>th</sup> year teaching undergraduate and graduate science classes at Western Illinois University. LaVerne taught elementary, middle school, and high school science in the Iowa public school system.

**Mary Jean Lynch** – Mary Jean is a professor at North Central College in Naperville. She works with K-8 preservice teachers at the college and K-8 inservice teachers in high-need schools. Her methodology has been described at national, regional, and local conferences on science education, and has been tested in K-8 classrooms in Chicago and the western suburbs.

**Mary Lou Lipscomb** taught middle school science for more than thirty years prior to her current position as a Curriculum and Professional Development Specialist with the IMSA FUSION (formerly Excellence 2000+), an after school, STEM outreach program of the Illinois Mathematics and Science Academy in Aurora. She is a member of the board of directors for the National Middle Level Science Teachers Association and is state coordinator for Science Matters, a National Science Teachers Association (NSTA) initiative. Mary Lou has a B.A. in Biology from North Central College and an M.Ed. in Science Education from National Louis University.

**Lisa Maxwell** has her BA in Elementary Education and MS in Elementary Science Education, both from WIU. With 19 years teaching experience, she has participated in Purdue University's Earth Science Summer program and the RIROE's Project Horizon and Near & Far Science programs. She has also presented at ISTA and NSTA conferences.

**Luke Mazur** is majoring in Elementary Education at the WIU Macomb campus. His hometown is Posen, Illinois.

**Cheryl McDaniel** is a 5<sup>th</sup> grade science and mathematics instructor at Havana Junior High School in Havana, IL. She is co-sponsor of the Science Club and sponsor of the "Roboducks" robotics program.

**Ronda McKee** has taught preschool for over 20 years. She received her Bachelor and Master Degrees from WIU. Science is a personal interest of Ronda and she has found science to be a great motivator for her preschoolers.

**Stacy McQueen** is currently a first grade teacher at Brick School in Beardstown. She is in her 25<sup>th</sup> year of teaching and holds degrees in both regular elementary and special education. Stacy recently participated in a research grant through Eastern Illinois University focusing on integrating science, math and technology.

**Jill Park** is majoring in Elementary Education at the WIU Macomb campus. Jill is from Latham, Illinois.

**Brian Poelker** teaches Science Methods at Eastern Illinois University. He retired from the middle school classroom after 33 years of teaching, mostly in the Pekin area. Brian was the initial recipient of the ISTA Middle Level Science Teaching Award. At the national level he is a National Science Foundation Honors Science Teacher. He has received the Geological Society of America Award of Excellence, the National Association of Geoscience Teachers Outstanding Earth Science Teacher Award, and the Catalyst Award from the American Chemical Society.

**Don Powers** has a B.A. in Science Teaching and a M.A. in Science Education from the University of Northern Iowa, and a Ph.D. from Kansas State University. Don is a professor of science education at WIU, currently in his 22<sup>nd</sup> year on the faculty. He has presented at the national, regional, and local levels. Dr. Powers has co-authored several grant-funded projects in elementary science and currently serves as a Regional Director for the Illinois Science Olympiad and the Illinois Science Teachers Association.

**Kathy Reimers** has taught for 23 years and currently teaches a one/two multi-age classroom at the Rock Island Center for Math and Science. She has two Masters from WIU in Reading and in Special Education.

**Jennifer Sarff** is majoring in Elementary Education at the WIU Macomb campus. Jennifer is from Havana, Illinois.

**Abha Singh** is completing her third year at Western Illinois University where she teaches science methods and field experiences. She has her MS and Ph.D. from the University of Iowa in science education and environmental science and a minor in gifted education. Her current research focuses on reflective journaling by preservice teachers.

**Frances Steward** - Dr. Steward is an associate professor at WIU with a Ph.D. in Curriculum and Instruction with an emphasis in Reading. She has served as a reading specialist, curriculum director, classroom teacher (K-12), and educational specialist in the public schools. She currently teaches undergraduate reading and parental involvement. She presents and publishes at the international, national, and state levels.

**Tracy Trimpe** is an 8<sup>th</sup> grade science instructor and technology coordinator at Havana Junior High School in Havana, IL. She is co-sponsor of the Science Club and sponsor the iDuck Network, a school news program. She is the creator of the Science Spot – <http://sciencespot.net/>, an award-winning website for middle school teachers and students.

**Carol Van De Walle** – Carol taught for more than 30 years at the intermediate level and is now an adjunct faculty for WIU in the Quad Cities with the Department of Curriculum and Instruction. She is active in ISTA and NSTA and has earned the Presidential Award for Elementary Science, Christa McAuliffe Fellowship, Maurice G. Kellogg Award for Excellence in Science Teaching, CESI Exemplary Elementary Science Teacher Award, and WIU Alumni Achievement Award. Carol has had numerous articles published in various science education journals. She has a BA from Knox College and a MS from WIU.

**Monae Verbeke** is an adjunct professor in biology at Muscatine Community College and an informal educator at the Bettendorf Family Museum. She has completed education research at Niabi Zoo, presenting her results at the International Zoological Educators Association Conference. Monae is finishing a Masters in Biology, with a certificate in Zoo & Aquarium Studies, and will be working on her Ph.D. at Warwick University in the UK.

**Michael Welch** is majoring in Elementary Education at the WIU Macomb campus.

**Dawn Weinberg** is the Ag Literacy Coordinator for Hancock County.

**Alisha Welvaert** is an undergraduate student at WIU. She is a Quad Cities student majoring in Elementary Education.

**Jen Westphal** is majoring in Elementary Education at WIU. She is currently enrolled at the WIU-QC campus.

**Charles Williams** is a representative for the Illinois Petroleum Resources Board. He has made numerous presentations throughout the state educating students and adults about the petroleum resources housed in the state of Illinois.

**Barry Witten** earned his Ph.D. from Kansas State University in Curriculum and Instruction in 1999. He currently teaches courses in Social Studies Education in the Department of Curriculum and Instruction at WIU. Dr. Witten worked with two U.S. history grants for area American History teachers funded by the U.S. Department of Education. He edited seven volumes of teaching strategies as editor of publications for both grants. He is active in several state and national professional organizations.

**Julie Wulff** is a student in the WIU Elementary Education program on the Macomb campus. Julie is from Batavia, Illinois and is looking forward to graduating and having her own classroom.

**John J. Zenchak** – John is a professor at North Central College in Naperville. He works with K-8 preservice teachers at the college and K-8 inservice teachers in high-need schools. His methodology has been described at national, regional, and local conferences on science education, and has been tested in K-8 classrooms in Chicago and the western suburbs.

**Plan now to attend the**

**Illinois Science Teachers Association Conference**

***“Science Teaching and Learning in America’s Heartland”***

**October 27-29, 2011**

**Tinley Park Conference Center**

**Tinley Park, Illinois**

**<http://www.ista-il.org/>**

## 2011 Prek-8 Science Update Conference Exhibitors

### Agency/Vendor

Flinn Scientific

113 Read St., Elburn, IL 60119

Illinois Associate of Aggregate Producers

1115 S. 2nd St., Springfield, IL 62704

Illinois Petroleum Resources Board

824 E. IL Hwy 15 PO Box 941, Mt. Vernon, IL 62864

Illinois Science Teachers Association

218 Cumberland Dr., Rochester, IL 62563

Illinois State Museum

502 S. Spring St., Springfield, IL 62706-5000

Lights for Learning

1242 Main St., Springfield, MA 01103

MicroTech Microscope Sales & Service

603 8th Ave., Mendota, IL 61342

The Scope Shoppe

113 Read St., Elburn, IL 60119

### Representative

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We offer our thanks to the commercial and agency exhibitors for providing the many door prizes made available to the participants attending the Twenty-Fifth Annual PreK-8 Science Education Update Conference.

Please be sure to visit their displays and express your appreciation.

The PreK-8 Science Update Conference is supported by the  
Maurice G. Kellogg Science Education Center Fund,  
Kellogg Science Education Endowment Fund,  
College of Education and Human Services,  
Department of Curriculum & Instruction, and  
Illinois Science Teachers Association

WIU Science Education Center Faculty & Staff

Dr. LaVerne Logan, Professor, on-site coordination, transportation  
Dr. Donald T. Powers, Professor, conference coordinator  
Dr. Abha Singh, Assistant Professor, registration, on-site coordination  
Dr. Sebastian Szyjka, Assistant Professor, local arrangements coordinator, transportation  
Mr. Brandon John, Graduate Assistant, local arrangements, on-site coordination, transportation

We express our thanks to Western Illinois University, the College of Education and Human Services and the Department of Curriculum & Instruction for making the conference possible.

Dr. Al Goldfarb, WIU President  
Dr. Nick DiGrino, COEHS Dean  
Dr. Erskine Smith, COEHS Dean for Administration  
Dr. Lance Ternasky, COEHS Associate Dean for Academic Affairs  
Dr. Roni Carson, COEHS Assistant Dean for Undergraduate & Teacher Education  
Dr. Cindy Dooley, Curriculum & Instruction Chair

**Maurice G. Kellogg Award for Excellence in Science Teaching Recipients**

<b>2003</b>	<b>Elizabeth Burton</b>	<b>2007</b>	<b>Kent Buckrop</b>
<b>2004</b>	<b>Carol Van De Walle</b>	<b>2008</b>	<b>Tracy Trimpe</b>
<b>2005</b>	<b>Greg Van Vleet</b>	<b>2009</b>	<b>Mary McMahon</b>
<b>2006</b>	<b>Steve Hoffman</b>	<b>2010</b>	<b>Judy Witten</b>

**Mark you calendars for the  
Twenty-sixth Annual PreK-8 Science Education Update Conference  
April 20, 2012  
(tentative schedule)**

## Notes