

2008 PreK-8 Science Education Update Conference ---- Program “At-A-Glance”

8:00 am		<u>Registration & Exhibits</u>	
8:30-9:20 am		<u>Concurrent Sessions I</u>	
HH 1	Betsy Hommel & Medena Stauffer-Chuvala	Children’s Literature in Science: New Releases	preK-8
HH 3	Stacy Baker	Get Them Up and Moving	4-8
HH 42	Rick Brost & Corinne Mueller	Delta Science Education	preK-8
HH 44	Jackie Bakken	Science Lessons from Illinois Agriculture in the Classroom	preK-8
HH 64	Pat Sullivan	What is YOUR Watershed Address?	K-8
HH 78	Nancy Chu & Medena Stauffer-Chuvala	Under the Rocks, Up in the Sky: New Children’s Literature for the Science Classroom	preK-8
HH 83	Rachel Crandell	Teaching Rainforest Concepts & Engaging Children in Rainforest Conservation	preK-8
9:30-10:20 am		<u>Concurrent Session II</u>	
HH 1	Betsy Hommel & Medena Stauffer-Chuvala	Children’s Literature in Science: New Releases	preK-8
HH 4	Kathy Reimers & Berni Carmack	Past – Present - Future: How the Changes in Our Earth Impacts Us	K-2
HH 21	Carol Van De Walle, Jill Kull & Jessica Larson	Popcorn Possibilities	3-8
HH 26	John J. Zenchak & Mary Jean Lynch	Applying Inquiry-Based Classroom Activities to Students’ Everyday Lives	preK-8
HH 43	LaVerne Logan	ISTA Cool Communities Mini-Grant Program	preK-8
HH 62	Judy Witten & Sandy Taylor	Creating a Science Club in an Early Elementary Setting	preK-3
HH 82	Joe Bauer	Materials & Programs from the Illinois Department of Natural Resources	K-8
10:20 am		<u>Exhibits & Hospitality</u>	<u>Northwest Hallway</u>
11:00 am		<u>Concurrent Session III</u>	
HH 1	Betsy Hommel & Medena Stauffer-Chuvala	Children’s Literature in Science: New Releases	preK-8
HH 3	Tracy Trimpe	Chemistry Lessons to Engage Your Students	5-8
HH 4	Marisa Beard & Danielle Brush	Introduction to Podcasting	
HH 7	Kent Buckrop & Stephen Morford	The Real World is Really Changing; The Theory of Plate Tectonics	5-8
HH 43	Darin Christianson	Science & Technology for Children: Motion & Design	3-6
HH 44	Melissa Stinnett & Barbara Hendricks	Moving Through Science with Mobiles	K-8
HH64	Pat Sullivan	Pond Critter Collecting and Observing	K-8
HH 83	Rachel Crandell	Teaching Rainforest Concepts & Engaging Children in Rainforest Conservation	preK-8
12:00-1:00 pm		<u>Mini Sessions</u>	<u>Horrabin Hall Gymnasium</u>
A	Don Powers	Paper Plate Sun	4-8
B	Jill Duesterhaus	Open & Shut	4-8
C	Greg Van Vleet	Circuits, Circuits, Circuits!	3-8
D	Tracy Trimpe & Lindsay Bogner	Bonding Basics: An Introduction to Ionic & Covalent Bonding	6-8
E	Frances Steward & Diana Goff	What is Happening in Science & Reading ? Static or Non-Static Events	K-8
F	Kevin Finson	Testing Surface Tension	4-8
G	Joe Bauer	Illinois DNR Educational Materials & Resources	K-8
H	LaVerne Logan	Pendulum Investigations	3-8
I	Allen Larson	Searching for Starch	4-8
J	Barbara Hendricks	Celebrating Arbor Day	K-8
K	Seth Davis	Optical Illusions	K-8
L	Barbara Sandall	SPFs vs UV Rays	4-8
1:15		<u>LUNCH</u>	<u>Horrabin Hall Gymnasium</u>
2:00-3:00		<u>ANNOUNCEMENTS AND DOOR PRIZES</u>	<u>Horrabin Hall Gymnasium</u>

2008 PreK-8 Science Education Update Conference

Welcome to the 22nd Annual PreK-8 Science Education Update Conference. At 1:15 we'll serve lunch in the Horrabin Hall Gym followed by door prizes. The conference is scheduled to conclude at 3 pm.

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

- HH 1 Betsy Hommel & Madena Stauffer-Chuvala 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 Stacy Baker Pleasant Hill School, Peoria, IL**
Get Them Up and Moving
This session will use plays, reader's theatre, poems and scavenger hunts to get them up and moving in the middle school classroom. The session will also feature different and unusual activities to help students stay interested.
- HH 42 Rick Brost & Corinne Mueller Delta Education**
Mixing Old and New to Create Wonderful Science
Come and revisit some old favorites and as well as discover new and exciting elementary curriculum materials from Delta Education. Combining the two create excellent science for your classroom.
- HH 44 Jackie Bakken Illinois Agriculture in the Classroom**
Science Lessons from Illinois Agriculture in the Classroom
Join Ag in the Classroom for a session full of fun, practical, science-based ideas to use in your classroom. This presentation will incorporate Earth Day, nutrition and other science-based activities that will be easy to incorporate into any lesson. Come for door prizes and free resources.
- HH 64 Pat Sullivan Peace of Earth Environmental Learning Center**
What is YOUR Watershed Address?
Using a colorful 3-D table-top watershed model and manipulatives we will explore how to teach in an engaging and fun manner about watersheds, the importance of conservation and protection of our water resources, and the positive and negative impact of humans on our watersheds. Non-point source pollution, erosion, conservation best practices, and much more will be discussed and explored. Learn how you can borrow one of these models for your classroom. Appropriate for all age levels.
- HH 78 Nancy Chu & Medina Stauffer-Chuvala WIU Children's Literature Examination Center**
Under the Rocks, Up in the Sky: New Children's Literature for the Science Classroom
Children's literature for the science classroom just keeps getting better and better. Join us as we review the newest titles in children literature and discuss how they relate to your science instruction.

HH 83 Rachel Crandell Monteverde Conservation League, St. Louis, MO
Teaching Rainforest Concepts and Engaging Children in Rainforest Conservation
Rachel will share a diversity of ideas about hands-on teaching of tropical rainforest concepts. Her new book, *The Forever Forest: Kids Save a Tropical Treasure*, tells the story of how children from over 44 countries fundraised to create the Children's Eternal Rainforest in Costa Rica, now the largest private reserve in Central America. She will describe how she and others have engaged students in their education by fostering activism.

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

- HH 1 Betsy Hommel & Madena Stauffer-Chuvala 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 4 Kathy Reimers & Berni Carmack Horace Mann School, Rock Island, IL**
Past – Present - Future: How the Changes in Our Earth Impacts Us
We will provide a number of hands-on activities to help you enhance your science curriculum and motivate your children to explore the world around them. Our focus will be on how the changes in our Earth impacts us. This standards-based unit incorporates use of literature, simulations and demonstrations to improve understandings of earth science concepts.
- HH 21 Carol Van De Walle, Jill Kull & Jessica Larson WIU-Quad Cities**
Popcorn Possibilities
Popcorn activities provide the basis for an integrated unit, including science, math, social studies, language arts and a healthy snack. You will participate in hands on activities and make connections to many subjects and the world outside the classroom! Come see what's poppin!
- HH 26 John J. Zenchak & Mary Jean Lynch North Central College**
Applying Inquiry-Based Classroom Activities to Students' Everyday Lives
Inquiry-based activities have unique potential to explain everyday experiences, especially when they reinforce science process skills and enhance conceptual understanding. Our methodology combines a discrepant event with structured exploration. Classroom discussions focus on how concepts explain common experiences. In turn, students' experiences solidify understanding of underlying concepts and scientific process.
- HH 43 LaVerne Logan Regional Director - Illinois Science Teachers Association**
ISTA Cool Communities Mini-Grant Program
This session consists of an overview of the Illinois Science Teachers Association mini-grant program entitled "Cool Communities." Participants in the session will learn more about the focus of the grant, its sponsors, application process, selection criteria, and more.

HH 62 Judy Witten & Sandy Taylor Edison School, Macomb, IL
Creating a Science Club in an Early Elementary Setting
This session will highlight the successes of developing an after-school Science Club for 3rd graders. Ideas and suggestions for how you can create similar clubs in your schools as well as activities which can be done will be presented.

HH 82 Joe Bauer Illinois Department of Natural Resources, Springfield, IL
Materials & Programs from the Illinois Department of Natural Resources
IDNR educational resources and programs support the Illinois Learning Standards in a variety of ways. Learn about our new SMARTBOARD activities and Collaboratory Project options. Receive many free materials.

❖ ❖ ❖ **10:20 – 11:00 Break** ❖ ❖ ❖
Exhibits & Hospitality North Hallway

❖ ❖ ❖ **11:00-11:50 Concurrent Session III** ❖ ❖ ❖

HH 1 Betsy Hommel & Madena Stauffer-Chuvala 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 Tracy Trimpe Havana Jr. High, Havana, IL
Chemistry Lessons to Engage Your Students
Plan to attend this session geared towards 5th-8th grade teachers to find new ideas for your chemistry unit and engage your students in the learning process! I’ll share my favorite lessons, activities, and online resources for a variety of topics, such as the Periodic Table, atomic structure, chemical reactions, and polymers. Handouts, lesson materials, and prizes will be provided!

HH 4 Marisa Beard & Danielle Brush WIU Office for Partnerships, Professional Development, & Technology
Introduction to Podcasting
Macomb Junior High and High School students have participated the past two years in the NASA 21st Century Explorer Podcast Competition, winning 2nd and 3rd places this year in the audio category. Come to this session to hear the winning podcasts and learn how they created them in GarageBand. You will also work in small groups to create a brief podcast of your own.

HH 7 Kent Buckrop & Stephen Morford Glenview Middle School, East Moline, IL
The Real World is Really Changing: The Theory of Plate Tectonics
Participants in this session will use hands on activities, demonstrations and interactive explorations to bring the theory of plate tectonics to the real world. A highlight of this session will demonstrate award winning software and how to use it to supplement your curriculum. This electronic resource has excellent animated graphics, student interactions, and reviews that demonstrate real earth science phenomena.

- HH 43 Darin Christianson** **Carolina Biological Supply Co.**
Science & Technology for Children: Motion & Design
 Learn how this hands-on unit helps students explore force, momentum, energy, and how design affects motion, all while using K’NEX pieces. Session starts with an overview of the STC curriculum, followed by sample unit activities. Developed by the NSRC.
- HH 44 Melissa Stinnett & Barbara Hendricks** **WIU Curriculum & Instruction**
Moving Through Science with Mobiles
 This session will integrate the art of making mobiles with various scientific topics. Participants will have the opportunity to make a science related mobile and explore other art experiences as they relate to science.
- HH 64 Pat Sullivan** **Peace of Earth Environmental Learning Center,**
Pond Critter Collecting and Observing **Rushville, IL**
 This session will show you how to bring science to life with your students. We will collect critters from a “pond” and create an “observation pond” from simple materials, collection techniques, identification, and observation will all be a part of this inquiry based activity session.
- HH 83 Rachel Crandell** **Monteverde Conservation League, St. Louis, MO**
Teaching Rainforest Concepts and Engaging Children in Rainforest Conservation
 Rachel will share a diversity of ideas about hands-on teaching of tropical rainforest concepts. Her new book, *The Forever Forest: Kids Save a Tropical Treasure*, tells the story of how children from over 44 countries fundraised to create the Children’s Eternal Rainforest in Costa Rica, now the largest private reserve in Central America. She will describe how she and others have engaged students in their education by fostering activism.

❖ ❖ ❖ **12:00-1:00 Mini Sessions Horrabin Hall Gym** ❖ ❖ ❖

- A Don Powers** **Western Illinois University**
Paper Plate Sun
 How can you create a model of the Sun, Earth and Moon and still stay within your classroom, or at least your building? This session will demonstrate a smaller scale model of the Earth-Sun-Moon model.
- B Jill Duesterhaus** **Western Illinois University**
Open & Shut
 We use them everyday, but what do you really know about mirrors and their reflections. This session will reveal some surprises. Come and “reflect” as you learn new activities and concepts.
- C Greg Van Vleet** **Western Illinois University**
Circuits, Circuits, Circuits!
 How to make circuit testers, game cards, flashlights, etc. are included in this session. These activities are simple and fun and still teach your students the basics about electricity.
- D Tracy Trimpe & Lindsay Bogner** **Havana Junior High, Havana, IL**
Bonding Basics: An Introduction to Ionic & Covalent Bonding
 Learn how to use ping-pong balls and pipe cleaners to create groovy headbands to demonstrate ionic and covalent bonding with your students. Through this lesson, your students will learn how common compounds are formed and gain a better understanding of chemical bonding. Handouts and materials will be provided.

- E Frances Steward & Diana Goff Western Illinois University**
What is Happening in Science & Reading? Static or Non-Static Events
 Participants will conduct a static electricity experiment matching the Illinois State Science Goals 11A: 1a-1e; and 12C: 1a-2a and implementing the scientific inquiry process. A descriptive paragraph of the observation and outcomes will be written. Handouts and supportive reading resources will be available.
- F Kevin Finson Bradley University**
Testing Surface Tension
 Liquids, particularly water, possess the property of surface tension. Surface tension affects many things, from how well detergents work in washing machines to how products work that repel rain from your car windshield. What is surface tension, and how can you measure it? Come and find out.
- G Joe Bauer IL DNR – Division of Education, Springfield, IL**
Illinois DNR Educational Materials & Resources
 IDNR educational resources and programs support the Illinois Learning Standards in a variety of ways. Visit us to see what materials the Illinois DNR has for your classroom. Receive many free materials.
- H LaVerne Logan Western Illinois University**
Pendulum Investigations
 The focus of this session is to collect, graph, and analyze data from pendulums. The activity can easily be adapted to any grade level. Illinois Learning Standards met by this activity include 11A and 12D.
- I Allen Larson Western Illinois University**
Searching for Starch
 During this session teachers will test six substances for the presence of starch. Come and learn the procedure and the science behind the testing.
- J Barbara Hendricks Western Illinois University**
Celebrating Arbor Day
 Trees, trees, trees! Arbor Day is for trees. This session is for individuals you love trees. Learn about how trees can be incorporated into your curriculum. Get free information about planting trees and GET A FREE TREE!!!
- K Seth Davis Western Illinois University**
Optical Illusions
 Perception is a key to scientific inquiry and those perceptions are determined by how your students process information. Currently, psychological and neuroscience processing related to science activities are not common in early education. The key issues in this presentation are to explore various illusions and conceptualize the neural processes that occur. Through the use of illusions the questions of why and how knowledge is processed will be assessed in an attempt to provide a learning tool that can be administered in an early education setting.
- L Barbara Sandall Western Illinois University**
SPFs vs UV Rays
 Participants will conduct an investigation to test the SPF ratings on suntan lotions. Come join us for some fun in the sun!

2008 PreK-8 Science Education Update Conference Presenter Biographies

Stacy Baker – Stacy has been teaching 15 years, the last 10 years at the middle school. She has a BS from WIU and her masters from ISU. She is married to a high school physics and chemistry teacher and has two children.

Jackie Bakken - Jackie is an Education Specialist for the Illinois Agriculture in the Classroom program. Ag in the Classroom is a program that provides educational resources, training and support related to agriculture for classroom teachers throughout the state. Jackie has been with Illinois Farm Bureau since May of 2005. She previously served as Cumberland County (IL) Farm Bureau Manager. Jackie graduated from the University of Illinois in 2005 with a bachelors degree in Agricultural Communications.

Joe Bauer – Joe is an Education Specialist for the IDNR Division of Education. He is a certified meteorologist and teaches community college classes.

Marisa Beard – Marisa has been involved in the educational field for the past 20 years. In the past she worked through grant funded projects at WIU with preschool teachers and students throughout Illinois. She currently works for STAR-Onsite in the WIU College of Education and Human Services where she develops and presents a variety of technology workshops that are offered to P-12 teachers around Illinois. She also received her Masters in Instructional Technology and Telecommunications from WIU in 1998 and has taught as adjunct faculty for the IDT and EIS Departments at WIU. She enjoys helping teachers go from a fear of using technology in the classroom to embracing technology as an indispensable classroom tool.

Lindsay Bogner – Lindsay is an elementary education major in WIU's Department of Curriculum and Instruction. She is currently completing her student teaching assignment at Havana Middle/Junior High School with Tracy Trimpe as her mentor.

Rick Brost – Rick is the Sales Representative for Delta Education. Rick is from Antioch, Illinois.

Danielle Brush – Danielle is an Instructional Technologist for the Office for Partnerships, Professional Development, and Technology at WIU. She works with teachers to create student-centered classrooms that implement the 21st century skills as well as foster the use of technology. She teaches as adjunct faculty for the WIU IDT, EDL, and EIS Departments and serves as a technology integration specialist for area school districts. Danielle is an Illinois certified teacher and holds a Master's Degree in Instructional Design and Technology. She has presented locally and nationally on a variety of integration and technology-related topics.

Kent Buckrop- Kent Buckrop has an A.S. degree from Blackhawk College, B.S. from the University of Iowa, and M.S. from Western Illinois University. He has taught seventh grade science at Glenview Middle School for 18 years. He teaches an after school math/science enrichment class through IMSA and is part of the WIU ISAMS grant the last three years.

Berni Carmack – Berni teaches a 1-2 multiage classroom at Horace Mann School in Rock Island, Illinois. She holds a Bachelor's Degree in Special Education and a Master's in Special Education.

Darin Christianson – Darin is the Midwest Regional Sales Manager, Curriculum Division for Carolina Biological Supply Company. He may be contacted at darin.christianson@carolina.com

Nancy Chu – Nancy is an instructor in the Department of Curriculum and Instruction. Her background is in library science and has taught at all levels from elementary through college. She has degrees from the University of Northern Iowa and University of Iowa.

Rachel Crandell - Rachel received her B.A. in English and Art History at Principia College in 1965, her M.A.T. from Webster University in Gifted and Experiential Education in 1984, and was a second grade teacher for twenty years at Principia Lower School in St. Louis, Missouri. As a teacher she engaged her students in hands-on environmental stewardship, particularly with regard to rainforest conservation. In 1994 she was awarded the National Eco-Educator of the Year. After retiring in 2001, she co-founded the Monteverde Conservation League, U.S. in 2002, to help renew efforts to protect and expand the Children's Eternal Rainforest of Costa Rica, which was established by children from 44 countries around the world. Rachel is author of children's book, *Hands of the Maya* (2002), and co-author of *The Forever Forest: Kids Save a Tropical Treasure* (2008).

Seth Davis – Seth is an experimental psychology graduate student and Graduate Assistant for the Kellogg Science Education Center at Western Illinois University. His focus, while in the program, is on behavioral neuroscience and psychopharmacology (brain/drug research). Seth received his B.S. in psychology at Linfield College in McMinnville Oregon, and has presented his research at several major science conferences including: Oregon Academy of Science and the international Association for the Psychological Sciences conference. In May, Seth will present research on amphetamine induced place conditioning at the Midwestern Psychological Association in Chicago. Once his Master's is complete, Seth intends to pursue a Ph.D. in behavioral neuroscience.

Jill Duesterhaus - Jill is a junior Elementary Education major at Western Illinois University. She is from Quincy where she loves to spend time with her family and friends. Someday Jill hopes to get her Masters and become a Reading Specialist Teacher.

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

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.

Barbara Hendricks – Barbara received her B.A. in Elementary Education with a minor in Art from DePauw University and her M.Ed. in Reading from Duke University. She teaches literacy courses as well as supervising students in the pre-service field experiences. Ms. Hendricks has taught over fifteen years in the elementary and middle school classroom. She has also led workshops about integrating art into the elementary curriculum.

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

Jill Kull – Jill is student in the WIU Department of Curriculum and Instruction's Elementary Education program.

Allen Larson – PhD. University of Maine, is currently an assistant professor teaching science education courses at WIU-Quad Cities and on the Macomb WIU campus. Prior work includes teaching Earth Science at Indiana Wesleyan University, 8th grade Earth Science in Millinocket, Maine and 8th grade science in Quincy, Massachusetts.

Jessica Larson - Jessica is student in the WIU Department of Curriculum and Instruction's Elementary Education program.

LaVerne Logan – LaVerne earned his PhD. from the University of Iowa. LaVerne is an associate professor and teaches 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.

Stephen Morford – Stephan teaches Earth Science at Glenview Middle School in East Moline, Illinois. He has a Bachelors and Masters Degree for Western Illinois University. He has been involved in many science initiatives through the Rock Island County ROE, WIU and IMSA E2K+ program.

Corrine Mueller- Corrine taught Junior High science in Kenosha Unified School District, WI for 25 years. She was an elementary resource teacher for 6 years. Corrine spent two years as a K-12 science teacher consultant. She retired from KUSD in June of 2005. Presently, she is working part time as a FOSS consultant, training educators on the use of FOSS modules.

Don Powers – B.A. and B.S., University of Northern Iowa, PhD., Kansas State University. Don is a professor of science education at WIU, currently in his 19th year on the faculty. He has presented at the national, regional, and local levels. Dr. Powers has co-authored several funded grant projects in elementary science and currently serves as a Regional Director for the Illinois Science Olympiad.

Kathy Reimers – Kathy teaches a 1-2 multiage classroom at Horace Mann School in Rock Island, Illinois. She holds a Bachelor's Degree in Elementary Education and a Master's in Early Childhood Education.

Barbara Sandall – B.A. Illinois Wesleyan U., M.A. DePaul U., EdD. Illinois State U. She teaches at Western Illinois University teaching science methods and field experiences. She has also worked at the NCREL Midwestern Consortium for Mathematics and Science Education, The Teacher's Academy for Mathematics and Science Education, and Illinois State University. She taught middle school science, music, basic computer programming, and 5th grade.

Madena Stauffer-Chuvala- B.S. WIU in Education. She is presently a graduate assistant in the Curriculum & Instruction Department. She is a graduate student in the Educational and Interdisciplinary Studies. She has taught and substitute taught in the Macomb area for the past 11 years.

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.

Melissa Stinnett – Melissa is an assistant professor of reading at Western Illinois University in the Department of Curriculum and Instruction and teaches undergraduate and graduate courses. She has a Ph.D. in Language and Literacy and M.Ed in Reading from the University of Illinois and a B.A. in Elementary Education from Eureka College. Her teaching experiences includes teaching Reading Recovery, kindergarten, first and second grades.

Pat Sullivan- Pat has 20 years of environmental education experience working with all age levels and environmental topics including 10 years on the board of the Environmental Education Association of Illinois and 5 years on the board for the LaMoine River Ecosystem Partnership. She has a M.S. in Outdoor Education and is a Project WILD Facilitator.

Sandy Taylor - Sandy has taught in the Macomb School District for more than ten years. She presently teaches at Lincoln Elementary School. Sandy and her students have been involved in numerous community activities.

Tracy Trimpe- Tracy is a junior high science and technology teacher at Havana Jr. High School. She is currently teaching 8th grade science and is the Science Club sponsor, Scholastic Bowl coach, and moderator for the Middle School Science E-group. Tracy is the creator of the Science Spot-<http://sciencespot.net/>, an award-winning website for middle school teachers and students. She has presented at the Prek-8 Update for several years as well as regional, state, and national science conferences.

Carol Van De Walle – Carol taught for more than 30 years of teaching 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, The Maurice G. Kellogg Award for Excellence in Science Teaching, and was recently a teacher leader in a three year grant program - Project Horizon. Carol has had numerous articles published in various science education journals. She has a BA from Knox College and a MS from WIU.

Greg Van Vleet – Following his retirement after 33 years of teaching elementary science in the Macomb School District Greg has joined the Department of Curriculum and Instruction as an instructor in science education. In addition to his classroom teaching experiences Greg has worked with the ROEs in presenting inservice teacher training and also was instructor for WIU Youth University. He has also presented at local and state science conferences.

Judy Witten – Judy has taught in the Macomb School District for the last ten years. She presently teaches 3rd grade at Lincoln Elementary School. Her students have been involved in numerous community activities.

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.

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 Horrabin Hall gym.

2008 Prek-8 Science Update Conference Exhibitors Commercial And Agency Exhibits

Agency/Vendor	Representative	Prize
Carolina Biological Supply Co.	Darin Christianson	
Delta Education	Rick Brost & Corinne Mueller	Yes
Environmental Education Association of Illinois	Pat Sullivan, Regional Director	
*Flinn Scientific, Inc.	Patrick Schlinder	Yes
Illinois Dept. of Natural Resources, Div. of Ed.	Joe Bauer	Yes
Illinois Science Teachers Association	Dr. LaVerne Logan, Regional Director	
MicroTech Microscope Sales & Service	Warren Holmes	Yes
Monterverde Conservation League	Rachel Crandell	Yes
New Copperfield's Book Service	Linda Cox	Yes
Peace of Earth Environmental Learning Center	Pat Sullivan	
*Scope Shoppe, Inc.	Patrick Schlinder	Yes
Tri-County Resource & Waste Management Council	Anne Lobdell	Yes

* representative may not be present at the conference.

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

WIU Science Education Center Faculty & Staff

Dr. Donald T. Powers, Professor, conference coordinator
 Dr. Barbara R. Sandall, Associate Professor, registration, local arrangements coordinator
 Dr. LaVerne Logan, Associate Professor, on-site coordination, transportation
 Dr. Allen Larson, Assistant Professor, on-site coordination, transportation
 Mrs. Elizabeth Burton, 2003 Kellogg Honoree, Hospitality
 Mr. Greg Van Vleet, 2005 Kellogg Honoree, on-site coordination
 Mr. Seth Davis, Graduate Assistant, program and pre-registration

We express our thanks to the College of Education and Human Services and the Department of Curriculum & Instruction for making the conference possible:

Dr. Bonnie Smith-Skripps, Dean	Dr. Roni Carson, Assistant Dean
Dr. Lance Ternasky, Associate Dean	
Dr. Nick DiGrino, Associate Dean	Dr. Cindy Dooley, C&I Chair

Mark your calendars for the Twenty-third Annual PreK-8 Science Education Update Conference tentatively scheduled for April 24, 2009

Maurice G. Kellogg Award for Excellence in Science Teaching Recipients

2003 Elizabeth Burton	2006 Steve Hoffman
2004 Carol Van De Walle	2007 Kent Buckrop
2005 Greg Van Vleet	

Notes