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Reservation Requests for 2009-2010

RPSEC Student Programs
The Ruth Patrick Science Education Center’s K-12 Student Programs offerings for 2009-2010 will be posted online on April 17, 2009. Teachers may download program descriptions, standards correlations, pre-and post visit activities, reservation request forms, and more at http://rpsec.usca.edu/student/. Reservation requests may also be submitted online. Print brochures and request forms will be mailed only to those teachers who have reserved programs in the last three years. Request forms may be mailed to the RPSEC or faxed to (803) 641-3615.

Due to budget cuts, the number of programs from which to select might be reduced next year. We are continuing to look for grants and funding sources.

Teachers may request up to four programs for the school year but, pending funding, this number may be reduced—so please prioritize your requests. Last year we received many more requests than we were able to serve. We will schedule teachers’ requests, subject to availability, in the order specified on the reservation request form.

The deadline to submit reservation requests is Friday, June 12, 2009 at 5:00 PM. Due to the volume of anticipated requests, it is highly unlikely that late requests will be filled. Requests received after June 12 will be placed on a waiting list. Thank you for your understanding.

STEP Program
The Science and Technology Enrichment Program (STEP) is a cooperative effort between Washington Savannah River Company, Silver Bluff Audubon Center, and the Ruth Patrick Science Education Center. Two field trip locations for STEP include the Savannah River Site and the Silver Bluff Audubon Center. At each location, STEP students utilize classroom and outdoor laboratories to conduct scientific investigations on topics such as water and soil ecology, wildlife, meteorology, archaeology, navigation and more. This year STEP is incorporating a new K-2 program for 2009-2010. For program information and a STEP reservation request form, please visit the STEP website at: http://rpsec.usca.edu/step/

NOTE: To visit SRS, there are specific procedures that must be followed 1-2 weeks prior to your visit for badging purposes.

Infusing the Love of Science, Math and Technology!
Register before March 31st to receive a $20 discount!

Combining Creativity, Teamwork, and Fun, Camp Invention Returns to the Ruth Patrick Science Education Center This Summer

Children will cross oceans and learn to fly during an innovative program hosted at the Ruth Patrick Science Education Center June 15th-19th. At the Camp Invention program, children are challenged with hands-on activities that foster creativity, teamwork, science literacy, and inventive-thinking skills. The program was created by the National Inventors Hall of Fame Foundation in 1990, with support from the United States Patent and Trademark Office.

The top priority of the Camp Invention program is to provide quality enrichment activities for children entering first through sixth grades. An inquiry-based program offered to your local school district, participants’ understanding of science, math, history, and the arts is enhanced as they participate daily in five activity-oriented thematic modules.

The program runs for one week from 9 a.m. to 3:30 p.m. daily. Each day, up to 110 children rotate between five thematic modules that build upon what was learned the previous day. The program’s integrated curricula align with national and state education standards and are taught by certified teachers from the local community.

The Camp Invention program was featured in the September 2006 issue of Child magazine as a program that fosters the current “hands-on, minds-on” philosophy of leading educators. Due to its innovative approach to learning, it has also been highlighted on National Public Radio’s Science Friday and in newspapers, magazines, and educational journals across the country.

Since its inception, the program has grown to include more than 1,000 sites in 48 states. In 2008, more than 66,000 children participated nationwide. “We’re getting to the root of innovation by providing motivation to learn, create and excel, particularly in the critical areas of math and science,” said Michael J. Oister, president of Invent Now Kids, the subsidiary company that provides education enrichment for the National Inventors Hall of Fame Foundation.

During this summer’s Camp Invention program, children will not only become the first to find the hidden treasure of the Vikings in the Viking Treasure Trek: The Quest Begins™ module, but also engineer and build the next great land vehicle in the Land Sled X-Treme™ module, and learn how superheroes fly and create their ideal comic book star in the Comic Book Science: FlyJack and Jill™ module.

Each year children participate in the I Can Invent: Complicated Machines & Fantasy Inventions™ module. This module continues to reinvent itself year after year. This summer, younger children will take apart discarded household appliances and create new inventions, while older children will build Rube Goldberg machines. During the Recess Remix™ module, children will put their own spin on classic games of yesteryear.

The $205 registration fee, due on or before May 31, includes daily snacks and a t-shirt. Monthly installment payments are now available for all registrations received on or prior to March 31st and valid only for registrations paid by credit card or debit card and received via U.S. mail, fax or telephone. Registrations received after May 31 require a $20 late processing fee. Each program is limited to 110 children. For more information, or to register, visit www.campinvention.org or call (800) 968-4332.
Governor’s School for Science and Mathematics (GSSM)
Summer Science Program (SSP)

Rising 8th, 9th and 10th graders: Jump Start Your Summer With a Scientific Bang!

Ready to take off on an academic excursion filled with challenging courses in math, science and technology? Then make plans to attend the Summer Science Program (SSP) at the Governor’s School in Hartsville.

SSP is a residential summer camp for rising 8th, 9th and 10th graders from across the state and qualified applicants from out-of-state. Designed for talented young teens interested in scientific principles, enriching field trips and hands-on lab experiences, SSP sessions are taught by GSSM faculty along with college and university professors.

Of special note is the camp, “Ecology of the Southern Appalachians.” RPSEC’s Dr. Senn and Mrs. Smalley will lead a group of SSP students from Hartsville on an adventurous trip to the Great Smoky Mountains National Park.

Summer Science Program 2009 Dates:
June 14-20, June 21-27, and July 5-11

For more information visit:
http://www.scgssm.org/ssp/

News Flash!
Camp Success is coming to the Ruth Patrick Science Education Center this summer. Camp Success offers a highly motivating and engaging program in the areas of science and engineering for students entering grades 7 and 8. The theme of this year’s camp is “Manufacturing the Future.” The camp will begin with a historical perspective of changes impacting manufacturing in the past, present, and future. One of the challenges facing manufacturing is the use of efficient forms of energy and the increased dependency on electronics and automation. This camp offers career explorations on different aspects of engineering and technology related to manufacturing. Engineers will be available to mentor students. Students will be able to explore educational options with campus tours of the University of South Carolina Aiken and Aiken Technical College. The itinerary includes trips to Savannah River Site, Kimberly Clark, and Enterprise Mill. Camp dates will be June 22nd - June 26th. A parent orientation will be held June 21st.

Join the fun and don’t forget to register before it’s too late. Apply online at http://www.campsuccess.org/ and mail the application to the address below. Registration closes May 22nd.

For more information please contact:
Tara Jenkins
STEP Director
Ruth Patrick Science Education Center
471 University Parkway
Aiken, South Carolina 29801
803-641-3752 or cell 706-830-3630
Email: taraj@usca.edu
Robert E. Alexander
Outstanding Administrator of the Year Award

Stacey Mabray, Science Curriculum Coordinator for the Richmond County Board of Education, was awarded the Robert E. Alexander Outstanding Administrator of the Year Award from the University of South Carolina Aiken and the Ruth Patrick Science Education Center. This is the seventh year this award has been presented to an administrator in the CSRA. The prestigious award recognizes individuals for their efforts and support of bringing full awareness to math and science education, and using the resources of the RPSEC to help meet science and math standards. Recipients of the award are also individuals who encourage teachers to work with the RPSEC to develop skills needed for science and math instruction. Dr. Gary Senn presented Mabray with a plaque at a Richmond County Board of Education meeting.

Spirit of Ruth Patrick Award

Ellen Cotton, Area 3 Elementary GT teacher, endeavors to make science and math FUN and relevant using an interdisciplinary approach to teaching. As a result her students are developing a true love for science and continue to be curious about their world.

Whether building and installing birdhouses, digging for artifacts, or designing replica amusement parks, Cotton’s commitment to her students has earned her the third Spirit of Ruth Patrick Award. Dr. Gary Senn presented Cotton with a plaque at an Aiken County Board of Education meeting.

In 1986 the center was named for Patrick, a world renowned scientist who developed a way to test the water quality of the Savannah River while the Savannah River Site was built in the early 1950s. Now 101, Patrick remains active as a staff member of the Academy of Natural Sciences in Philadelphia.

Masters Degree in Educational Technology
On-line Format

The Educational Technology program at the University of South Carolina Aiken (USCA) and the University of South Carolina (USC) Columbia is accepting applications for enrollment. For more information visit: http://edtech.usca.edu/.

The focus of the program is to develop capabilities essential to the effective design, evaluation, and delivery of technology-based instruction and training (e.g., software development, multimedia development, assistive technology modifications, web-based development, and distance learning) in order to (1) prepare educators to assume leadership roles in the integration of educational technology into the school curriculum, and (2) to provide graduate-level instructional opportunities for several populations (e.g., classroom teachers, corporate trainers, educational software developers) that need to acquire both technological competencies and understanding of sound instructional design principles and techniques.

Anyone interested in enrolling in this program should contact Karen Morris at 803-641-3489.

Revitalizing the Periodic Table

In honor of National Chemistry Week (October 18-24), the Savannah River Section of the American Chemical Society (ACS-SR) will be revitalizing the Living Periodic Table of Elements in the Ruth Patrick Science Center Lobby. This periodic table was originally developed by ACS-SR in 1994. They are looking for volunteers to help in the rehabilitation, element collection and fund raising. Individuals or groups may sponsor elements for $100. Element choice is available on a first come, first serve basis with preference toward the original element sponsor. Your donation will be noted with your name on a plaque to be displayed in the RPSEC and in our local section newsletter. If you previously sponsored an element in 1994, please contact ACS-SR to let us know if you would like to re-sponsor your element.

If you have “elemental items” you would like to see included in the display, would like to volunteer or have any questions, please contact Elise Fox elise.fox@srnl.doe.gov or (803)507-8560).
CALL FOR NOMINATIONS!

The Ruth Patrick Science Education Center is seeking nominations for the Spirit of Ruth Patrick Award and the Robert E. Alexander Outstanding Administrator of the Year Award. If you know a teacher or school administrator who fits the criteria below, please nominate them for an award. Nominations must be received by May 15, 2009 to be considered for this year’s award. Biographical sheets will be sent to each nominee and the RPSEC Advisory Board will decide the winner. If you have any questions, please call Linda Ferrell at 803-641-3313 or contact her by email at lindaf@usca.edu.

Spirit of Ruth Patrick Award

Since 2006, this prestigious award has been presented annually to a K-12 educator who has demonstrated a keen interest in mathematics and science and has been effective in providing meaningful learning for K-12 students. This award recognizes a teacher in the CSRA who demonstrates a passion for teaching and infusing a love of science, mathematics, and technology. In 1986 the RPSEC was named for Dr. Ruth Patrick, a world renowned scientist who developed a way to test the water quality of the Savannah River while the Savannah River Site was built in the early 1950s. Now 101, Patrick remains active as a staff member of the Academy of Natural Sciences in Philadelphia.

Previous Winners of the Spirit of Ruth Patrick Award:

2006 Susie Yonce, Edgefield County  
2007 Helen Campbell, Aiken County  
2008 Ellen Cotton, Aiken County

Robert E. Alexander Outstanding Administrator of the Year Award

The University of South Carolina Aiken and the Ruth Patrick Science Education Center are accepting nominations for the 7th annual Robert E. Alexander Outstanding Administrator of the Year Award. This prestigious award recognizes administrators in the CSRA for their efforts and support of bringing full awareness to math and science education, and using the resources of the RPSEC to help meet science and math standards. Recipients of the award are also individuals who encourage teachers to work with the RPSEC to develop skills needed for science and math instruction.

Previous Robert E. Alexander Outstanding Administrator of the Year Award Winners:

2001-02 Hannah Fowler, Columbia County  
2002-03 Dr. Karen Bianset, Aiken County  
2003-04 Dr. Deborah Bass, Aiken County  
2004-05 Michele Connor, Aiken County  
2005-06 Dr. Sharon Keesley, Edgefield County  
2006-07 Alexia Clamp, Williston (Barnwell County)  
2007-08 Stacy Mabray, Richmond County

Young Scientist Challenge

Do you have what it takes to be America’s Top Young Scientist? Discovery Education and 3M are looking for a few great students to inspire us with their enthusiasm for science, so show us what you’ve got! Create a short (1-2 min.) video about one of this year’s scientific topics and YOU could win a trip to New York City to compete in the Discovery Education 3M Young Scientist Challenge finals.

More information at http://www.youngscientistchallenge.com/
Students from North Augusta Middle School in North Augusta, S.C. received first place recognition at the 2009 South Carolina Regional Future City Competition, sponsored by Savannah River Nuclear Solutions and the Ruth Patrick Science Education Center. The competition, which each year invites 7th and 8th graders to create a city of tomorrow, was held January 24 on the USCA campus.

This year’s winning team created the futuristic city, Jasaka, and included Kirstyn Denney, Sarah Larabee, and Julia Spieker, 7th graders at North Augusta Middle School, along with B.R. Smith, teacher and faculty sponsor of the Future City Team, and engineer mentor Mike Cercy.

In addition to a $1,000 USC Aiken scholarship sponsored by AT&T, students on the winning team received a trip to the 17th Annual Future City National Finals in Washington, D.C., held Feb. 18-21 during Engineers Week. Team members were also awarded $75 each, luggage, a trophy, and medallions.

North Augusta Middle School had the highest score, out of 38 regional winners, in the Essay category at the National Future City competition.

Sponsored by the nation’s professional engineering community, Future City is the nation’s largest engineering education program, encouraging interest in science, technology, engineering, and mathematics through hands-on applications.

South Carolina Regional Future City Competition Winners and Special Award Sponsors

1st Place
North Augusta Middle “Jasaka”
Paul Knox Middle “Viitor”
Blythewood Middle “Coventina”

“Most Innovative Fuel Source” sponsored by the American Nuclear Society (ANS) - Savannah River Section
Harmony - St. Mary on the Hill School

“Best Project Management Plan Award” sponsored by the Savannah River Chapter of the Project Management Institute
Coventina - Blythewood Middle School

“Student Choice Award” sponsored by the SRS Chapter 773 National Management Association (NMA)
New Atlantis - St. Mary on the Hill School

“Best Automation / Computer Applications Award”
Ekena - Cardinal Newman School

“Best Integration of Engineered Systems” sponsored by the American Society for Engineering Management (ASEM) - CSRA Chapter
Zuiver el Aqua - Paul Knox Middle School

“Best Electrical Engineering Innovation” sponsored by the Institute of Electronic & Electrical Engineers (IEEE) Central Savannah River Section
Cornpiper - St. Mary on the Hill School

“Most Energy Efficient Design” sponsored by the American Institute of Chemical Engineers (AIChE) Central Savannah River Section
Agualimpio - Paul Knox Middle School

“Excellence in Futuristic Concepts” sponsored by the American Society of Mechanical Engineers (ASME) Central Savannah River Area Section
Viitor - Paul Knox Middle School

“Best Model Award” sponsored by the SRS Chapter 773 National Management Association (NMA)
Aquatranopolis - North Augusta Middle School

“Best Plan Award”
New Atlantis - First Baptist Church School

“Excellence in Futuristic Concepts” sponsored by the American Society of Engineering Management (ASEM) - CSRA Chapter
Coventina - Blythewood Middle School

“Best Automation / Computer Applications Award”
Ekena - Cardinal Newman School

“Best Use of Innovative Construction Materials and Techniques” sponsored by the American Concrete Institute - Carolinas Chapter
Dynasty - Kennedy Middle School
The Ruth Patrick Science Education Center thanks the following individuals, corporations, and organizations for their generosity and support of our mission by being a Friend of the RPSEC. For information on how you can become a Friend, please call Janice Weeks at (803)641-3769.

**Infusers ($2500 and up)**
SRP Federal Credit Union  
The Wachovia Foundation  
Washington Savannah River Co.  
Mrs. Sarah Patterson  
Porter Fleming Foundation  
Washington Group International  
Bridgestone/Firestone Trust Fund  
Knox Foundation

**Innovators ($1000-$2499)**
Kimberly-Clark Corp.  
Dr. & Mrs. Jeffery Priest

**Scientists ($500-$999)**
ISA Savannah River Section  
Ms. Gloria Allen  
Dr. & Mrs. Gary Senn  
Mrs. Barbara Fenstermacher  
National Management Association  
SRS Chapter

**Analysts ($250-$499)**
Institute of Electrical and Electronics Engineers, Inc  
Project Management Institute, Savannah River Chapter  
ASME Central Savannah River  
Ms. Frances A. White  
Mr. & Mrs. Eugene Sawyer  
James & Linda Ferrell  
Mr. & Mrs. William Cue  
Rich & Darlene Smalley  
Association for the Advancement of Cost Engineering International  
Central Savannah River Section  
American Society for Engineering Management –CSRA Chapter

**Researchers ($100-$249)**
Aiken Electric Cooperative  
Mrs. Dianne Miniard  
Innovative Solutions  
Dr. and Mrs. George Caskey, Jr.  
Mr. Roderick Lee  
Dr. Randolph Guschl  
Dr. & Mrs. Guy C. Heyl, Jr.  
Mr. & Mrs. Richard Spaunburgh  
Barry & Debra Moore Shedrow  
Dr. Sharon Keesley  
Dr. & Mrs. Henry Gurr  
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John & Deborah McMurtrie  
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Mrs. Dianne Nicholson  
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Stephanie Flanigan  
USCA Bookstore  
USCA Marketing

**Scholars (Up to $99)**
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Mr. Eugene R. Andersen  
Mrs. Janice Weeks  
Ms. Tara Jenkins  
Ms. Marla McClelland  
Mr. Gregory MacDougall  
Ms. Barbara C. Cain
Earth and Sky Night

Featuring a visit from the Galaxy Gals who will present awards to art contest winners.

May 2, 2009.  6:30 p.m. - 11:00 p.m.
Ruth Patrick Science Education Center at USC Aiken

Enjoy hands-on activities, planetarium shows, night sky viewing sunset to 11:00 and presentation of awards to art contest winners.

The Family Earth and Sky Night will be held rain or shine. Plan to bring friends and your whole family to a fun-filled evening of celebration.

Presentation of Awards: The International Year of Astronomy Art Contest will conclude with awards being presented by the Galaxy Gals between 6:30 and 7:00 p.m. These fun-loving women will be dressed as planets and other celestial objects, and they will mingle with the crowd throughout the evening. Don’t miss this unique opportunity to meet some of Aiken’s prominent citizens in their “heavenly” attire!

Hands-on Activities: A variety of hands-on activities will be available from 7:00 - 9:30 to help people understand the wonders of earth and space science. Many activities will have materials you can take home with you, and live animals such as snakes, turtles, alligators, and the barred owl will be on display.

Planetarium shows: Planetarium shows will be available on a first-come, first-served basis. The shows will begin at 7:00, 8:00, 9:00 and 10:00 p.m. Ticket prices are: Students $4K-12th $2.50, Adults $4.50, Senior Citizens $3.50, USCA Students and Staff $1.00.

Telescope Viewing: A number of people from the Astronomy Club of Augusta will have their telescopes available for the public to use. Come see Saturn, the Moon, and other wonders of the heavens. This is a good opportunity to learn about telescopes, especially if you have been considering the purchase of one.

Hosted by The Astronomy Club of Augusta, the DuPont Planetarium, the Ruth Patrick Science Education Center and the University of South Carolina Aiken.
NASA Images Unveiled

In celebration of the International Year of Astronomy, NASA selected the DuPont Planetarium to be one of the unveiling sites of a series of images of M101, the Pinwheel Galaxy, taken by the great observatories in space. The Mayor of Aiken and the Chancellor of USC Aiken assisted the Center staff in unveiling the images on February 13, 2009 before a group of about 80 visitors. C.D. Ford, a talented USC Aiken employee, constructed the attractive black frames for the images. Visitors enjoyed a sky-tonight program in the planetarium after unveiling. All left with a new appreciation for the glorious objects in the night sky!

International Year of Astronomy

100 hours of observing

Featuring a visit from Johannes Kepler, International Year of Astronomy

April 4, 2009. 4:00 p.m. – 11:00 p.m.
Ruth Patrick Science Education Center at USC Aiken
-IYA Youth Art Competition Exhibit Unveiled-
-Presentations by Johannes Kepler 5pm, 6pm and 8pm, solar viewing 4:00 to sunset, night sky viewing sunset to 11:00, and planetarium shows

The year 2009 has been declared the International Year of Astronomy. The main focus is the celebration of the 400th anniversary of Galileo’s observations through the telescope that he made, which for many, marks the beginning of modern astronomy.

Presentations by Johannes Kepler: A nationally recognized educator will be in full character as Johannes Kepler for special presentations about early astronomy and earlier astronomers. The presentations will include information on the 400th anniversary of the first observations through a telescope made by Galileo.

Solar Viewing: From 4:00 to sunset, specially equipped telescopes with proper safety equipment will be available for people to look at the Sun. You should never look at the Sun without the proper equipment. Here is your chance for safe, solar viewing.

Telescope Viewing: A number of people from the Augusta Astronomy Club will have their telescopes available for the public to use. Come see many of the wonders of the heavens. This is a good opportunity to learn about telescopes, especially if you have been considering the purchase of one.

Planetarium shows: Planetarium shows will be available on a first-come, first-served basis. The shows will begin at 4:00, 5:00, 7:00, 8:00 and 9:00 p.m. The costs for planetarium shows are: Adults $4.50, Senior Citizens $3.50, PK-12 Students $2.50. Children under 4 years old are not admitted.

Hosted by: The Astronomy Club of Augusta, the Dupont Planetarium, the Ruth Patrick Science Education Center and the University of South Carolina Aiken.
CE-MIST Activities 2008-2009

The South Carolina Center of Excellence in Middle-level Interdisciplinary Strategies for Teaching (CE-MIST) was established in 2008 through a grant sponsored by the South Carolina Commission on Higher Education. This year’s CE-MIST activities to date have included:

1. Establishing an Advisory Council comprised of teachers and administrators representing each of the three partner schools. The three partner schools are A. L. Corbett Middle School, Johnston-Edgefield-Trenton (JET) Middle School, and Leavelle McCampbell Middle School.

2. Developing and implementing professional development activities for teachers. Four teacher workshops were presented at each of the three schools this year:
   - Literacy Across the Curriculum- Dr. Victoria Gillis
   - Patterns in Peru: Mathematics and Children’s Literature- Dr. Bridget Coleman and Dr. Deborah MacPhee
   - Writing Across the Curriculum- Dr. Lynne Rhodes and Professor Vicki Collins
   - Technology and Culture: Primary Resources and Inter-Disciplinary Integration: Dr. Tim Lintner

3. Conferences for teachers. CE-MIST funds were used to send teachers to the South Carolina Middle School Association conference, the South Carolina Science Council conference, and the South Carolina Council of Teachers of Mathematics conference.

4. Placing pre-service teachers in the schools. The students in Deborah McMurtrie’s AEDP 334 Adolescent Development class provided approximately 500 hours of service learning at Leavelle McCampbell Middle School during the spring semester. The purpose of this placement was to assist the teachers in differentiating instruction. Middle school students received one-on-one and small group assistance in reading and math.

5. Student Programs at the RPSEC. During the month of January, every middle school student from each of the three partner schools visited the RPSEC for a series of hands-on, inquiry-based interdisciplinary programs aligned with the standards. Students in Grade 6 attended Blown Away, Circuit City, and Polygon Puzzle. Students in Grade 7 attended Journey Into the Living Cell, Ravenous Raptors, and CSI Solutions. Students in Grade 8 attended Mission to Mars, Solar System Rescue, and Minerals, Ores, & Fossil Fuels. More than 3,000 hours of RPSEC student programming were provided through CE-MIST this year.

6. CE-MIST Website. The CE-MIST website includes the Center’s purpose, goals, and objectives; contact information; links to the three partner schools; and links to the other South Carolina Centers of Excellence. The website includes CE-MIST Student Programs at the RPSEC including program descriptions, standards correlations for multiple content areas, pre- and post-visit activities, related Traveling Science kits, and children’s literature connections.

7. Summer Teacher Institute. “Food Safety in the Classroom” is an exciting, interdisciplinary, hands-on thematic unit aligned with state standards. This two-day summer workshop will be held at the Ruth Patrick Science Education Center on June 23 and June 24, 2009. CE-MIST funds will be used to cover program costs and provide stipends for teachers.

The purpose of CE-MIST is to develop and model state-of-the-art in-service and pre-service teacher training programs that concentrate on interdisciplinary curriculum development and implementation at the middle school level. CE-MIST will develop innovative practices that enable school personnel to improve student achievement; provide effective, sustained, high quality professional development; incorporate field-based teacher education programs that involve technology-based instructional techniques; and implement innovative practices for teaching children with diverse backgrounds and diverse learning styles. CE-MIST will model these programs as it provides professional development for higher education faculty around the state of South Carolina.

For more information about CE-MIST, visit the website at: http://rpsec.usca.edu/CE-MIST/.
CE-MIST/AIKEN WRITING PROJECT

STUDY GROUP TEAMS

Registration Deadline: CE-MIST Teachers April 1, 2009
Registration Period: Other teachers April 2-10, 2009
(as slots are available)

The three CE-MIST partner schools will select four representatives (4 content areas) from each grade level. Each of the 9 teams will establish a study group and:

• Develop an interdisciplinary unit that emphasizes writing across the curriculum
• Purchase materials for a Traveling Trunk (ie. class sets of books, teacher resource books, props, consumable journals, etc.) which support the unit plan (budget of $800 per trunk)

Each teacher will be paid a $200 stipend.
Please note: The $800 for materials must be spent by September 15, 2009.

At least one of the four members on each team must attend the Aiken Writing Project Summer Institute (June 9 through July 3 from 8:30 AM - 2:30 PM). The teachers who attend will receive an additional $200 stipend as well as six hours of graduate credit (AETE 760 Issues in Writing)

For more information, please contact Deborah McMurtrie at 803-641-2834.

CE-MIST Summer Institute for Teachers

Food Safety in the Classroom:
An Interdisciplinary, Hands-On Thematic Unit Aligned with State Standards

June 23 & June 24, 2009 from 9:00 AM – 4:00 PM
(Lunch provided)

Ruth Patrick Science Education Center
Cost: $25 (Limit 18 participants)
$225 stipend plus recertification credit

Registration Deadline: CE-MIST Teachers April 17, 2009
Registration Period: Other teachers April 18-30, 2009
(as slots are available)

The focus of this Summer Institute is to provide an innovative approach in which food safety concepts are integrated into state standards in core subject areas. This integrated curriculum contains high energy, hands-on activities that simulate real-world applications of food safety, therefore reinforcing the importance of these concepts in students’ daily lives, broadening student knowledge of the topic, and exposing them to possible careers in food science.

This project is sponsored by a grant from the USDA-NIFSI (USDA National Integrated Food Safety Initiative) and CE-MIST (Center of Excellence in Middle-level, Interdisciplinary Strategies for Teaching, which is funded by the South Carolina Commission on Higher Education). To see lesson plans and SC standards correlations, go to: http://foodsafetyintheclassroom.org/content/view/43/

For more information, please contact Deborah McMurtrie at 803-641-2834.

Did You Know?

Barred Owl (Strix varia)
- Length: 16-25 in. - Weight: 1-1.5 lbs.
- Wingspan: 38-50 in.

The barred owl is a large owl with a round head, no ear tufts and a long tail. Barred owls’ feathers are gray and brown with white bars or stripes, and they have very dark brown eyes. The barred owl’s call sounds like “Who cooks for you?” They make very little noise when they fly.

Barred owls prefer mature forests and heavily wooded swamps. They frequently use abandoned red-shouldered hawk or crow nests or large, deep hollows in trees. They lay 2-4 white eggs, with a slightly rough texture. Incubation is done by the female, and lasts approximately 28-33 days. The young owlets begin branching by 4-5 weeks, and fledge when they are about 6 weeks old.

Barred owls seize their prey including rodents, lizards, frogs, and crayfish using their large, sharp talons.