Reservation Requests for 2010-2011

RPSEC Student Programs

The Ruth Patrick Science Education Center's K-12 Student Programs offerings for 2010-2011 will be posted online on April 16, 2010.

Teachers will be able to select from 52 different hands-on, inquiry based classroom programs aligned to state standards. We recommend that teachers combine 2 or 3 programs in one visit.

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 4 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 18, 2010 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 18 will be placed on a waiting list. Thank you for your understanding.

Continued on Page 2
Unleashing Creative Genius: Camp Invention returns to the RPSEC This Summer

The Camp Invention® program returns to the Ruth Patrick Science Education Center (RPSEC) this summer. Throughout a week of daytime excitement, children are immersed in imaginative play that both reinforces and supplements school-year learning through inquiry-based activities in science, technology, engineering, math (STEM), as well as history and the arts. America is currently facing a critical talent gap in these areas, known as the international “language” of innovation. The country's economic and productive future depends on how well we educate our children and youth. The Camp Invention program helps cultivate the ideas critical to STEM by encouraging exploration and curiosity during everyday activities so children understand that science is everywhere – fostering “whole system” thinkers.

The premier program of the nonprofit Invent Now Kids, the nationally-acclaimed Camp Invention experience has been inspiring the minds of children nationwide for over 20 years. Renowned for the opportunity it extends to elementary-aged children to explore the unknown, tinker with ideas, and satisfy an innate sense of curiosity, this unique program provides a safe, creative outlet for them to experience extended summer learning taught by familiar local educators. Each day of the program week, children rotate through five integrated modules that require creative thinking to solve real-world challenges. Working together, children learn vital 21st century life skills such as problem solving and teamwork through hands-on activities disguised as fun.

Since its inception in 1990, the Camp Invention program has grown to include nearly 1,500 sites in 49 states. In 2009, more than 65,000 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.

Ensuring fresh, timely curricula each year, the curriculum writers at Invent Now Kids have put together the INNOVATE program for returning host sites, where children not only rebuild a virtual world and act as entrepreneurs as they establish a new marketplace in the Hatched™ module and explore alternative energy to power their robotic creatures in the Power’d™ module, but also explore the surprising mathematical connections between soap bubbles and lightening bolts in the SMArt: Science, Math & Art™ module. Every Camp Invention program features the I Can Invent III™ module, where younger children take apart discarded household appliances and create fantasy inventions, while older children use the pieces and parts to build Rube Goldberg machines. Also featured is the Global Games™ module, where children explore ancient cultures and sports like lacrosse and soccer from civilizations around the world.

This summer, the Ruth Patrick Science Education Center @ USC Aiken is hosting the Camp Invention INNOVATE program on June 14th-18th from 9am-3:30pm. To learn more about how to secure your child’s spot in the program, visit www.campinvention.org or call 800.968.4332.
SUMMER is almost here!!

Looking for a fun way to keep your students engaged this summer?

USC Aiken offers its annual Kids in College camps for students ages 6-14. Summer camps are offered in a variety of areas, including creative arts, academics & technology, Lego engineering, science & discovery, and action & fitness. There’s something for EVERYONE! Camps run half days (either 9 a.m.-noon or 1 p.m.-4 p.m.) for a full week.

Please share this information with your students and parents. Email Laura Anderson, (LauraA@usca.edu) to join our mailing list.

Brochures will be mailed in April.

Camp Highlight:
Reach for the Stars - August 2-6, 2010 - 9am-Noon - Led by Darlene Smalley
Space enthusiasts should sign up for this camp! Includes planetarium shows and lots of hands-on projects. Join the mailing list for more information.

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 blast off on an academic expedition 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 from state institutions.

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

Summer Science Program
2010 Dates:
June 20-26
June 27-July 3

For more information visit: http://www.scgssm.org/ssp/
The Masters Degree in Educational Technology

Earn your USCA Degree online

Do you enjoy using your computer? Do others ask you how to do something on their computers? Do you enjoy showing to others something new on your computer? Have you considered getting a masters degree? Then maybe it is time for you to consider the Masters of Education in Educational Technology (MEd Tech). The MEd Tech program at 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.

<table>
<thead>
<tr>
<th>Foundational Core Courses (6 hours)</th>
<th>Design Courses (15 hours)</th>
<th>Technology Core Courses (12 hours)</th>
<th>Electives (3 hours chosen from the following courses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEET/EDET 709 – Applications of Learning Principles</td>
<td>AEET/EDET 703 – Design and Development Tools II</td>
<td>AEET/EDET 735 – Technological Applications for Diverse Populations</td>
<td>AEET/EDET 731 – Instructional and Informational Applications of Technology or</td>
</tr>
<tr>
<td></td>
<td>AEET/EDET 722 – Instructional Design and Assessment</td>
<td>AEET/EDET 746 – Management of Technology Resources</td>
<td>SLIS 706 – Introduction to Information Technologies</td>
</tr>
</tbody>
</table>

Anyone interested in enrolling in this program should contact Karen Morris at 803-641-3489.
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, 2010 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
2009 Beth Eberhard, 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
2003-04 Dr. Deborah Bass, Aiken County
2005-06 Dr. Sharon Keesley, Edgefield County
2007-08 Stacy Mabray, Richmond County
2002-03 Dr. Karen Blanset, Aiken County
2004-05 Michele Connor, Aiken County
2006-07 Alexia Clamp, Williston (Barnwell County)
2008-09 Dr. Angela Burkhalter, Aiken County

Young Scientist Challenge

Do you have what it takes to be America’s Top Young Scientist? Discovery Education and 3M are looking for students in grades 5-8 to inspire us with their enthusiasm for science. The winner will receive $50,000 in U.S. Savings Bonds and much, much more! To enter, simply send us a video about the science of everyday life. This year’s video topics focus on the science of safety and security. Learn more about the Discovery Education 3M Young Scientist Challenge and enter today!

More information at http://www.youngscientistchallenge.com/
Ruth Patrick Science Education Center and Savannah River Nuclear Solutions, LLC Co-Sponsor the South Carolina Regional Future City Competition

Students from Blythewood Middle School in Blythewood, S.C. received first place recognition at the 2010 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 23rd on the USCA campus.

This year’s winning team created the futuristic city, Jasaka, and included Steven Heath, Valerie Miller, and Patrick Reid, students at Blythewood Middle School, along with Nicole Schuldes, teacher and faculty sponsor of the Future City Team, and engineer mentor Steven King.

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. 13-17 during Engineers Week. Team members were also awarded $75 each, luggage, a trophy, and medallions.

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.

<table>
<thead>
<tr>
<th>Award Sponsor</th>
<th>Award Category</th>
<th>Award Winner</th>
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<tbody>
<tr>
<td>SC Regional Future City</td>
<td>1st Place</td>
<td>Blythewood Middle - Phoenix</td>
</tr>
<tr>
<td>SC Regional Future City</td>
<td>2nd Place</td>
<td>St Mary on the Hill - Water Drop City</td>
</tr>
<tr>
<td>SC Regional Future City</td>
<td>3rd Place</td>
<td>First Baptist Church School - Chuckolina</td>
</tr>
<tr>
<td>American Society for Engineering Management (ASEM) - CSRA Chapter</td>
<td>Best Integration of Engineered Systems</td>
<td>New Ellenton Middle - Paradine</td>
</tr>
<tr>
<td>American Nuclear Society (ANS) - Savannah River Section</td>
<td>Most Innovative Fuel Source</td>
<td>Kennedy Middle - Mensuckan</td>
</tr>
<tr>
<td>Association for the Advancement of Cost Engineering, International - Central Savannah River Section</td>
<td>Best Planned City</td>
<td>Palmetto Middle - Newtopia</td>
</tr>
<tr>
<td>American Society of Mechanical Engineers (ASME) Central Savannah River Area Section</td>
<td>Excellence in Futuristic Concepts</td>
<td>Aiken Area Home Educators - Taxcala</td>
</tr>
<tr>
<td>SRS Chapter 773 National Management Association (NMA)</td>
<td>Student Choice Award</td>
<td>W A Perry - Blue Hills</td>
</tr>
<tr>
<td>SRS Chapter 773 National Management Association (NMA)</td>
<td>Best Model Award</td>
<td>St Mary on the Hill - Water Drop City</td>
</tr>
<tr>
<td>ISA (Instrumentation, Systems, and Automation) - Savannah River Section</td>
<td>Best Automation / Computer Applications Award</td>
<td>St Mary on the Hill - Deserta</td>
</tr>
<tr>
<td>SRNS</td>
<td>Best Essay</td>
<td>Blythewood Middle - Phoenix</td>
</tr>
<tr>
<td>Savannah River Section of the American Chemical Society (ACS-SR)</td>
<td>Best Demonstration of Green Chemistry Principles</td>
<td>St Mary on the Hill - Eureka</td>
</tr>
<tr>
<td>INCOSE</td>
<td>Best use of Systems Engineering</td>
<td>W A Perry - Blue Hills</td>
</tr>
<tr>
<td>American Concrete Institute - Carolinas Chapter</td>
<td>Best Use of Innovative Construction Materials and Techniques</td>
<td>Blythewood Middle - Phoenix</td>
</tr>
</tbody>
</table>
2009 FRIENDS OF THE RPSEC

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)
AT&T
Mrs. Sarah Patterson
Savannah River Nuclear Solutions
Washington Group Foundation, Inc.

Innovators ($1000-$2499)
American Concrete Institute
Carolinus Chapter
Community Foundation for Central Savannah River Area
Dr. & Mrs. Jeff Priest
NBC Augusta / CW Augusta
SRP Federal Credit Union

Scientists ($500-$999)
Gloria W. Allen
American Nuclear Society (ANS
Savannah River Section
Bank of America
National Management Association
SRS Chapter
Savannah River Section of the American Chemical Society (ACS)
Mr. & Mrs. Eugene Sawyer
Dr. & Mrs. Gary Senn
Mr. Tommy Wessinger

Analysts ($250-$499)
American Society for Engineering Management (ASEM)
CSRA Chapter
American Society of Mechanical Engineers (ASME) CSRA Section
Association for the Advancement of Cost Engineering Intl.
Central Savannah River Section
Frank and Sonya Bishop
William R Cue and Karen S Cue
Mr. & Mrs. James Ferrell
ISA (Instrumentation, Systems, and Automation) CSRA Chapter
Maxwell Law Firm
Mrs. Deborah McMurtrie
Scott & Dianne Nicholson
Project Management Institute
Savannah River Chapter
Savannah River Section AICHE
Savannah River Section INCOSE
Rich and Darlene Smalley
Wackenhut Services, Inc, SRS

Researchers ($100-$249)
Aiken Electric Cooperative
Aramark
Dr. Robert Buckley
Dr. & Mrs. David Cundey
Mr. James Cadieux
Mr. & Mrs. Timothy Chandler
Mrs. Vicki Collins
Mrs. Bea Crawford
Mr. & Mrs. Greg Davis
Ms. Catheryn Dzaugis
Dr. Henry Gurr
Dr. Randolph Guschl
Dr. & Mrs. Guy C. Heyl, Jr.
Mr. John M. Hutchens
Innovative Solutions
Dr. Gwendolyn B. Johnson
Mrs. Darya McMurtrie
Dr. Lloyd B. Schnuck, Jr.
Mr. Barry & Mrs. Deborah Shedrow
Ms. Carole Smith
USC Aiken Pacer Shoppe
Ms. Carole Anne Taylor
USCA Marketing Dept.
Mrs. Fran White

Scholars (Up to $99)
Dr. Robert & Diane Addis
Mr. Eugene Andersen
Dr. Carol S. Botsch
Dr. Robert E. Botsch
Dr. Angela & William Burkhalter, Jr.
Dr. & Mrs. John C. Corey
Mrs. Annette Crawford
Dr. & Mrs. Paul Dainer
Mrs. Arlene DiPietro
Ms. Linda D. Evans
Mr. & Mrs., Robert Harrington
Dr. & Mrs. David Hayes
Ms. Tara D. Jenkins
Mr. & Mrs. Henderson Johnson
Junior Student Club,Sara Wood
Dr. Sharon Keesley
Gregory MacDougal
Mrs. Katy Lynn Moss
Mr. & Mrs. John Oakland
Ms. Margaret Terese O’Donnell
Ms. Ati’Ya L. Padgett
Dr. & Mrs. Kenneth Perrine
Mr. & Mrs. Ambrose Schwallie
Staples
Wal-Mart
Mrs. Janice Weeks
Mr. & Mrs. James Whittle
Automotive Workbench

Shedrow Automotive Workbench
### Earth and Sky Night
**April 24, 2010**

Celebrate National Astronomy Day, which is April 24, 2010, with an evening of fun and learning at the Ruth Patrick Science Education Center. A variety of free, hands-on activities will be offered from 7:00 to 9:30 p.m., and our planetarium show, To the Moon and Beyond, will be presented at 7:00, 8:00, 9:00, and 10:00 p.m.

To the Moon and Beyond will feature the past, present, and future of lunar exploration and will celebrate the amazing Apollo 13 mission that took place 40 years ago. Learn the context for Jack Swigert’s famous quote, “Houston, we’ve had a problem,” and discover why this mission was termed a “successful failure.”

Once it gets dark, the observatory will open for viewing through the Bechtel Telescope, and amateur astronomers will set up other telescopes on the lawn. Weather permitting, Saturn, Mars, and Venus will be visible as will the first quarter Moon and the Pleiades and Beehive Star Clusters. Put Earth and Sky Night on your calendar now, and come explore the majesty of the heavens with us on Saturday April 24, 2010!

**When:** April 24, 2010 7:00 p.m. - 11:00 p.m.

**Where:** Ruth Patrick Science Education Center at USC Aiken.

**Hosted by:** The Astronomy Club of Augusta (ACA), the DuPont Planetarium, the Ruth Patrick Science Education Center and the University of South Carolina Aiken.

**What:** Hands-on activities, planetarium shows, and night sky viewing

**Hands-on Activities:** From 7:00 to 9:30, explore the wonders of earth and space science, make items to take home, and interact with live animals such as snakes, turtles, alligators, and owls.

**Planetarium shows:** To the Moon and Beyond will be presented on a first-come, first-served basis with start times of 7:00, 8:00, 9:00 and 10:00. Ticket prices are: Students 4K-12th $2.50, Adults $4.50, Senior Citizens $3.50, USCA Students and Staff $1.00.

**Telescope Viewing:** Members of the Augusta Astronomy Club will have their telescopes available for the public to use. This is a good opportunity to learn about telescopes, especially if you have been considering the purchase of one.

**Weather:** Family Earth and Sky Night will be held rain or shine. Plan to bring friends and family no matter what the weather!

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### Show Schedule

| March 22, 29 | 7:00 pm – Digistar Virtual Journey  
|            | 8:00 pm – Mission to Mars |
| April 3, 10, 17 | 7:00 pm – In My Backyard  
|            | 8:00 pm – Voyager Encounters |
| May 1, 8, 15, 29 | May 22: Planetarium closed for renovation.  
|                | 8:00 pm – More Than Meets the Eye  
|                | 9:00 pm – Digistar Virtual Journey |
| June 5, 12, 19, 26 | 8:00 pm – Larry Cat in Space  
|                | 9:00 pm – To the Moon and Beyond  
|                | Early Bird Special – June 5  
|                | 5:00 pm – Larry Cat in Space  
|                | 6:00 pm – To the Moon and Beyond |
| July 3, 10, 17, 24, 31 | 8:00 pm – In My Backyard  
|                | 9:00 pm – Digistar “Laser” Fantasy  
|                | Early Bird Special – July 3  
|                | 5:00 pm – In My Backyard  
|                | 6:00 pm – Digistar “Laser” Fantasy |
| August 7, 14, 21, 28 | 8:00 pm – Follow the Drinking Gourd  
|                | 9:00 pm – Digistar Virtual Journey  
|                | Early Bird Special – August 7  
|                | 5:00 pm – Follow the Drinking Gourd  
|                | 6:00 pm – Digistar Virtual Journey |

General Ticket Price: $4.50 Adult, $3.50 Seniors, $2.50 K-12  
Digistar Ticket Price: $5.50 Adults, $4.50 Seniors, $3.50 K-12  
Early Bird Ticket Price $3.50 Adult, $2.50 Seniors, $1.50 K-12
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 served 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).

WELCOME WINSTON AND SALEM

The Ruth Patrick Science Education Center recently accepted two permanently disabled owls for our education programs. The birds were injured in the wild and, because of their injuries, cannot be released.

The two Eastern Screech Owls arrived from Winston-Salem, NC this fall. After several months of medical treatment and rehabilitation, they have been undergoing training to learn how to step up and then stay on the glove, especially around groups of children.

Winston is a red phase, male Eastern Screech Owl who was hit by a car and has extensive damage to his left wing. He cannot fly at all, but he is quite feisty and vocal, and he loves to eat! Although he is full grown, Winston weighs only 158 grams.

Salem is a grey phase, female Eastern Screech Owl. She was hit by a train and traveled in the train’s grille all the way from West Virginia to North Carolina. It is amazing that she survived! Her eye injury prevents her from ever being released back into the wild; she is fully flighted but nearly blind. Salem weighs only 186 grams.

Raleigh, the Barred Owl, was the victim of a car strike in Raleigh, North Carolina last year. He is now featured in three of our K-12 student programs: Ravenous Raptors, Owls Are Wise Guise, and Animals with Backbones. Raleigh weighs 858 grams.

The RPSEC has special state and federal permits that allow us to have these non-releasable, protected birds for educational purposes. The permits are issued by the South Carolina Department of Natural Resources (DNR) and the US Fish and Wildlife Service (USFWS).

To feed the new resident raptors, the RPSEC will purchase frozen rodents from a local feeder food company. The Ruth Patrick Science Education Center is looking for “mouse money” donations, or annual sponsors to help support the cost of feeding and caring for them. Donations are tax deductible; for more information, please contact Deborah McMurtrie at DeborahMc@usca.edu or (803) 641-2834.
The Ruth Patrick Science Education Center is looking for sponsors to help support the cost of feeding and caring for the animals used in our K-12 educational programs. An animal may be adopted by an individual, a business, or a group such as an elementary school class or a scout troop. The sponsors’ names will be recognized in the RPSEC’s publications and website as Friends of the RPSEC. Donations are tax deductible; sponsorship opportunities for 2009-2010 are listed below.

For more information, please contact Deborah McMurtrie at DeborahMc@usca.edu or (803) 641-2834.

### BIRDS

<table>
<thead>
<tr>
<th>Species</th>
<th>Location/Status</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barred Owl (Strix varia)</td>
<td>Non-releasable male, Raleigh</td>
<td>$500</td>
</tr>
<tr>
<td>Eastern Screech Owl (megascops asio)</td>
<td>Red phase non-releasable male, Winston</td>
<td>$300</td>
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<tr>
<td>Eastern Screech Owl (megascops asio)</td>
<td>Grey phase non-releasable female, Salem</td>
<td>$300</td>
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### REPTILES: CROCODILIANS

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</thead>
<tbody>
<tr>
<td>American Alligator</td>
<td>Female, hatched 2006 (Georgia)</td>
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</tr>
<tr>
<td>American Alligator</td>
<td>Male, hatched 2006 (Louie)</td>
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### REPTILES: SNAKES

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<td>Eastern Kingsnake</td>
<td>(Lampropeltis getula getula)</td>
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<tr>
<td>Northern Pine Snake</td>
<td>(Pituophis melanoleucus melanoleucus)</td>
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<tr>
<td>Grey Rat Snake</td>
<td>(Elaphe obsoleta spiloides)</td>
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<tr>
<td>Corn Snake</td>
<td>(Elaphe guttata)</td>
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### REPTILES: TURTLES

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<td>Box Turtle</td>
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<tr>
<td>Snapping Turtle</td>
<td>(Chelydra serpentina)</td>
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<tr>
<td>Painted Turtle</td>
<td>(Chrysemys picta picta)</td>
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<tr>
<td>Chicken Turtle</td>
<td>(Deirochelys reticularia)</td>
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<tr>
<td>Red-Eared Slider Turtle</td>
<td>(Trachemys scripta elegans)</td>
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<tr>
<td>Yellow-Bellied Slider Turtle</td>
<td>(Trachemys scripta scripta)</td>
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### AMPHIBIANS

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<tr>
<td>Barking Tree Frog</td>
<td>(Hyla gratiosa)</td>
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<tr>
<td>Green Tree Frog</td>
<td>(Hyla cinerea)</td>
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<tr>
<td>Gray Tree Frog</td>
<td>(Hyla versicolora)</td>
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</tr>
<tr>
<td>Southern Leopard Frog</td>
<td>(Rana urticularia)</td>
<td>$50</td>
</tr>
<tr>
<td>Southern Toad</td>
<td>(Bufo terrestris)</td>
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<tr>
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<td>(Ambystoma maculatum)</td>
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<tr>
<td>Tiger Salamander</td>
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The 2010 CSRA Regional Science and Engineering Fair was held on March 13, 2010 at USCA. There were over 200 projects from CSRA schools displayed at the fair. Each year, the RPSEC presents an environmental science award in honor of Dr. Ruth Patrick. Dr. Patrick pioneered work in the study of fresh water ecosystems and developed methods for measuring the health of these systems.

This year, the RPSEC Environmental Science Award was presented to Joanna Zhang, an 11th-grade student from Lakeside High School. Joanna’s project was, Archaeal community composition in the Yangtze River along the Three Gorges Dam. Joanna had the opportunity to visit China and conducted her research while there. She plans to return to China again this summer to continue her research. Joanna indicated that she would take her new research and return to the regional fair again next year.

Congratulations to Hagan Capnerhurst, from Batesburg-Leesville High School, for winning Best in Show. Hagan will now compete at the International Science and Engineering Fair in San Jose, California, May 9-14.

FREE Teacher Resources and Visiting Scientists Available

The Traveling Science and Mathematics Demonstrations Program has over 350 science and math kits available for use in the classroom. Supplement your curriculum with nationally recognized and state adopted exemplary materials. Many kits contain children’s literature so that you can integrate your science and language arts lessons.

In addition to these resources, you can request a visiting Scientist with Traveling Resources and Neat Demonstrations (STRAND) volunteer for classroom presentations. For more information, please visit:

http://rpsec.usca.edu/travelingscience/ or call us at 803-641-3683.