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Eastern Section News

Winter 2011, Vol. 15

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Inside This Issue

- 1 **Note from the Section Chair**
- 2 **Earth Science**
- 2 **Science Olympiad**
- 4 **Retiree News and GCR Science
and Engineering Fair**
- 5 **Environmental Challenge**
- 6 **Physics**
- 7 **Intermediate**
- 8 **Elementary**
- 9 **Living Environment**
- 11 **Lab Day Proposal Form**

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A Note from Your Eastern Section Chair.....

By Steve Fielman, Chair/DAL for Intermediate

Email: sfielman@verizon.net

The Science Teachers Association of New York State is comprised of educators dedicated to the advancement of science education. Over the years, we've seen tremendous change in the approach to science teaching, with instant information on the internet, advanced technology in the classroom and inquiry based lessons. In today's classrooms, we are teaching the first generation that has lived their entire lives in the world of the Internet. As teachers in the information age, we are being asked to teach smarter and learn faster in order to help our students prepare for life in a rapidly changing world. STANYS offers many opportunities for collaboration, dissemination of information, and teacher support. Without a doubt, by cooperating with fellow professionals we expedite reaching and teaching students of the "E-Age". To that end, we saw a very successful Siena Conference on October 14 thanks in great part to our Siena Conference Chair, Theresa Newkirk as well as a fabulous State Conference on November 6-8 thanks in part to State Conference Chair, Arnie Serotsky which showcased workshops on Literacy in the Science Classroom, 21st Century Learning Skills, STEM Education and the upcoming Next Generation Science Standards! Be part of this trend and consider helping us by being a presenter at Lab Day @ St. Rose on March 3, 2012 by contacting our Conference Chair, Colette McCarthy: stanys.mccarthy@gmail.com! Everyone had a great time but just in case you missed the Eastern Section Gang presenting at the Raffle Giveaway please stay tuned for next year's extravaganza!

ALL GOOD THINGS MUST COME TO AN END

Paul Nooney – Vice-Chair and Earth Science SAR

Email: penooney@albany.edu



I can't believe the leaves are gone, the weather is turning colder, and it's almost the holidays. Where has the beginning of this school year gone? First, let me apologize for not having an article in the first issue of the school year. Time got away from me this summer and it completely slipped my mind. So even though it's almost December, I want to welcome you to the new school year and to a new year with STANYS. This school year, for me, has brought on a completely new part of my educational career as I have left the classroom and have become a student in the University at Albany's School of Education. After losing my job at the end of last school year, I have decided to take my career to the next level. I have spent many an hour in front of the computer (taking online classes this semester) learning about instructional technology and online learning. I am hoping to bring some of what I'm learning at **UAlbany** to what I do here at STANYS in the not so distance future. Stay tuned!

All this being said, being a full-time student I have felt very out of touch with classroom life for the last few months. It is for this reason that I have decided to step down from my position as Earth Science SAR effective in January. I have enjoyed the last three years of bringing you the latest news from the Earth Science world and providing professional development both locally and in Rochester. As one of the only providers of high quality science professional development, STANYS is such a crucial part of education in New York State. This is why I have been proud to call myself a member of this great organization for the past eight years. It's why it is so important that we continue to support STANYS by maintaining our memberships and making sure that all the science teachers in our districts are members as well. It is also why I will continue to be a member of STANYS, and will remain on the board as the vice-chair and maybe more in the future.

I would also like to take a moment to thank all of you that came to our annual Siena Conference back in October. As I walked around, I was impressed with what I saw. So many presenters bringing you the latest in science, technology and various other topics, all of which you can apply directly in your classrooms. I was even more impressed that every single person made their way to the dinner, despite the blinding rain storm that hit and washed away several of our signs just as we were heading to New Hall. I also want to again thank all of our members who were honored that night for thirty plus years of continuous membership in STANYS. It is people like you that inspire our new members as they begin what will hopefully be long and successful career in science education.

Well, that's all for now. Thank you for allowing me to serve as Earth Science SAR and hopefully by our next newsletter, I will be introducing you to our new SAR. I wish you all a great holiday season and will still be seeing you at our local and state STANYS events. I promise not to rub it in too much that as a college student, I am on break from early December through late January, and done for the year in May. If you get jealous, I'll show you my student loan bill in a few years. That will help!

Science Olympiad – Inspiring the Next Generation of Scientists

**Scott Holdren, Regional Director, Capitol District
Science Olympiad**

Email: sholdren@rcscsd.org

For the past 29 years, Science Olympiad has led a revolution in science education. What began as a grassroots assembly of science teachers is now one of the premiere science competitions in the nation, providing rigorous standards-based challenges to 6,200 teams in 49 states. Science Olympiad's ever-changing line up of events in all STEM disciplines exposes students to practicing scientists and career choices, and energizes classroom teachers with dynamic content experience.

Continued from page 2



Science Olympiad National Tournament champs from Ohio are congratulated by President Barack Obama in Washington, DC, at the White House Science Fair on October 18, 2010.

Team Collaboration Fulfilling a desire to bring excitement to science education, Science Olympiad was founded in 1983. Science Olympiad holds more than 320 invitational, regional, and state competitions, engaging 200,000+ students on 6,200 secondary school teams annually.

At the competitive level, elementary, middle, and high school students with a knack for science have a chance to excel inside and outside the classroom. Secondary teams advancing to state and national tournaments are celebrated at pep rallies, travel to major universities, make new friends, and experience what it is like to be a star in the community. Individual medals and championship trophies for each division are awarded; cash and tuition scholarship offers exceed \$11 million ton date.

Competition Much like a football or soccer team, Science Olympiad teams prepare throughout the year for tournaments. Each team is allowed 15 students to participate in events in their skill set. Practices vary from monthly meetings to daily work as tournaments near, supported by an interlocking group of coaches, parents, and mentors from the community, academia, and industry. Science Olympiad competitions are like academic track meets, consisting of a series of 25 team events in each division.

Annually, a portion of the events are rotated to reflect the changing nature of anatomy, physics, geology, astronomy, mechanical engineering and technology. By combining events from many disciplines, Science Olympiad encourages a wide cross-section of students to get involved.

Local competitions begin in January 2012.

	B-Division (Middle School)	C-Division (High School)
Invitational		1/7/2012; RCS HS
Regional	3/10/2012; RCS MS	2/4/2012; St Rose
State	4/20/2012; SUNY Ulster	3/31/2012; Canisius College
National	5/18-19; University of Central Florida (Orlando)	



At all levels, girls represent more than half of all participants in Science Olympiad. Many have found that the teamwork aspect of Science Olympiad carries through their entire career.

Want to get involved? It's not too late for the 2012 season of competitions. Information is available locally at www.CapSciOly.org, from the NYS site www.NewYorkSciOly.org or you can contact me directly.

Scott A Holdren
Regional Director, Capitol District
State Event Supervisor
National Event Supervisor
sholdren@rcscsd.org

Retiree News

Larry Smith, SAR Retirees

We are all back from a very good and enlightening conference held in Rochester at the beginning of the month. There were many program offerings intended for our retiree audience. Each session drove home the idea the retiree has a vast amount of experience and knowledge which should not walk out the door on the last day of employment. Be resourceful, and share your wealth with other.

Many retirees were able to get together at several of the offerings, and enjoyed our camaraderie at the Retiree Luncheon. This year, we even got a larger room for the luncheon!

Seven Retiree SARs met, and were given an update on last year's Teacher Reserve Program. As you may remember, it was hoped to pilot one program this year. We learned that two programs, one in Illinois, and the other in Wisconsin, seem like they are no longer functioning. There has been no new interest since last year, and many sections are finding that the schools districts are not opening their arms to retired science teachers to mentor in their schools.

Not wanting to drop this program completely, we discussed three areas of concern. They are:

- 1) How can the retiree help students?
- 2) How can the retiree help teachers?
- 3) How can the retiree help their STANYS section?

For the first question, how to assist students, we learned there are several programs, outside the school districts, that allow adult mentoring. The Big Brothers/Big Sisters Programs throughout the state have been very successful in assisting the "Littles" through the guidance of the "Big" mentor. Each geographic area offers a vast number of programs. There is a STEM Program offered in the Rochester area. The Capital District Big Brothers/Big Sisters Program offers 18 different opportunities for mentoring. They are always looking for volunteers, and the process is very easy.

The Buffalo Section this year has begun a teacher reserve program through a grant at Bennett High School. This program is aimed at assisting the classroom teacher who is paired with a retiree, and/or college student.

Together, they work in the class assisting students with notebook entries, classroom demonstrations, tutoring, and study skills. The mentors are trained before they enter the classroom. They are not the primary teacher, and they do not correct papers. They work as a team for the students in their classes. This is a long term commitment (school year) which may be a detriment for the retiree.

Finally, how can the retiree assist their Section? Many areas find the retiree assisting at their Section mini-conference. Retirees often make presentations, help put together program handouts, and man the registrations desks. Others find their retirees helping at the Lab Day Presentations. Many are active in their monthly meetings. Our Eastern retirees step up to the plate every time a local program is offered.

If any retired science teacher, in good standing with STANYS would like to become an active member in our Eastern Section, please contact me at lfiziks@aol.com.

Greater Capital Region Science and Engineering Fair

By Joan Wagner, Director
Email: jsw2012@aol.com

The Greater Capital Region Science and Engineering Fair (www.gcrsef.org) will take place on March 24, 2011 at the Walker labs at RPI. The Fair is affiliated with the INTEL International Science and Engineering Fair and the STANYS Science Congress. There is a junior (grades 6-8) and senior (grades 9-12) division. All information about the Fair and required forms can be downloaded from the website. All registration materials must be postmarked by January 10th and sent to our Registrar, Len Behr. Though registration is done online, all required forms must be sent to the registrar.

The Fair is sponsored by the newly formed 501c3 corporation called the **INTEL Science and Engineering Fair of the Greater Capital Region**. The fair directors are: Joan Wagner (President/secretary), Donna Mooney (Academy of Holy Names) and Len Behr (University at Albany).

If you have any questions regarding the fair, or if you would like to help out the day of the fair, please contact Joan Wagner.

Have You Heard?

By Theresa Newkirk



Great! Awesome! This gave me a lot of ideas! Fun ideas for all grades! Excellent information!

These were just some of the positive comments received about the 2011 Siena Conference.

Were you there to be part of the fun and excitement? Ok, the wind, thunder, lightning and torrential downpours provided excitement we can do without, but it's been a wild late summer/fall weather season. If you were part of the action on October 14th, you were able to enjoy two presentations, a keynote speaker, dinner, and networking opportunities. After a delicious dinner, we were fascinated to learn how close many wildlife creatures come to suburban/urban areas. It was amazing to watch animals being filmed in their native environments, going about their daily or nightly activities.

If you missed, this year's event, remember to start looking for registration for next year's conference soon after you start back to school.

Also, don't forget about **Lab Day on March 3rd at The College of St. Rose.** STANYS is the only organization committed to providing high quality professional development for teachers of Science. To continue, we need your support as a presenter or attendee.



Theresa Newkirk welcomes Dr. Roland Kays, curator of mammals at the NYS Museum, the keynote speaker at our Siena conference

A Challenge

By Arden R. Rauch

Email: raucha@union.edu

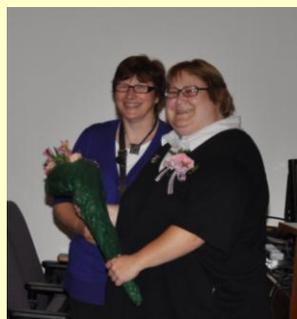
With the crush of information, much of it dire and threatening, Environmental Science teachers, and for that matter all teachers, have an obligation to be informed and separate hyperbole from conclusions derived from data.

Sensational reporting, based on who shouts the loudest, often influenced by funding rather than data, dominates the press. But from the flash and dazzle, it is possible to extract teachable moments. 2012, for example. What is the source? How many times and on what basis has the demise of the earth been predicted? Under what conditions will life cease to exist? What conditions are necessary for life? Why is 2012 being hyped? Where can reliable information to address each of these questions be found and how can the validity of the sources be determined?

To lead students through the process of evaluating 'news' reporting is of lifelong value. Though it is far easier to join a mob than to stand to one side and view the issues with a measure of informed skepticism, as teachers and role models our task for extracting sense from the roar is more acute than ever.



Theresa Newkirk with Elisabeth Milot, recipient of the Eastern Section Service Award



Physics

By Paul Fedoroff, SAR Physics

Email: pafedoroff@bhbl.org



Hopefully you are where you want to be at this time of year in your course, maybe just a little behind. Here are some things you might have missed and some upcoming things, too.

If you didn't make it to the Eastern Section's Siena Conference this past October, then you should really put it on your to-do list for next fall. As always, there was more than one choice for physics teachers. You could have chosen from a few workshops that the Siena Physics faculty provided, as well as how to use inquiry in your classroom and how to incorporate semiconductors in to your current electricity lessons.

As usual, there was the state conference in Rochester at the beginning of November. There were some great physics workshops offered every session each day including how to use your Wii remote differently, how to build your own personal Van de Graff generator, how to use some great oscilloscope software, and some good lab extensions for your AP and upper level physics courses.



If you have not been to one of our Capital Region Physics Teachers Group meetings, then put a little asterisk on your calendar somewhere around January Regents. That's when we met last winter and it seemed like the least bad time to meet. Don't worry; there will be a snowstorm that day. Send me an Email if you've never gotten one before regarding our group.

There are some more upcoming physics things to do this fall. The Siena faculty is having their modeling day on December 14 using whiteboards in the classroom. Union College will also have their usual physical constants workshop on December 10.

Of course, we will have our Eastern Section Lab Day in March. I'm sure you've seen the date somewhere in this newsletter. Why not present something? If not present, then let us know what you would like to see there? Anything in particular?



Science, Literacy, and the Common Core

By Becky Remis, DAL – Earth Science

Email: remis@aol.com

New York State recently adopted Common Core Standards (CCS) in English Language Arts (ELA), including standards in Literacy in History/Social Studies, Science, and Technical Subjects. The million dollar question then, is what does this mean for us science teachers?

It means that we need to keep doing what we've always been doing – ensuring that our students can access our content in various types of texts, and write coherently about the concepts, issues, and ideas in our subject areas. But more specifically, the CCS outline ten Reading Standards and ten Writing Standards for students in grades 6-8, 9-10, and 11-12, that address the literacy skills particular to science. These standards can be found starting on page 74 of the document "[New York State P-12 Common Core Learning Standards for English Language Arts & Literacy](http://www.p12.nysed.gov/ciai/common_core_standards/)" at: http://www.p12.nysed.gov/ciai/common_core_standards/. Once you read them through, I think you'll realize that you already have your students to do a lot of what these standards are asking, at least in some form. So what has changed?

Continued on page 7

Continued from page 6



The change, in my opinion, is not so much about WHAT we do... but HOW we do it. Let me explain. We know our content inside and out, and we are explicit with our students about what they need to know and be able to do in regards to that content knowledge. But each of us is an expert *learner* as well, and HOW we learn our content is something we need to be explicit about with our students as well. Why? Because in order for our students to gain a deep understanding of science and how it works, we need to provide them with the tools to access this information – in textbooks, journals, reference tables, news articles, laboratory protocols – all the places where we learned it. It is not enough for us to assume that our students come to us with the natural ability to comprehend the text we place before them and expect them to learn from it. It simply does not work that way.

And that is where the shift in our approach to teaching our subject comes in. We need to model for our students the reading and writing strategies required for accessing and mastering our content. This requires us to help students understand both WHAT we know, and HOW we know it. The vision of the CCS in Literacy is to create life-long learners with the skills to be successful beyond our classrooms, and a shift in our instruction will help make that vision a reality.

For more information about science, literacy, and the common core, check out the power point presented at the Siena Conference in October. There are links to the CCS in ELA, engageny.org web site, and an outline of my own approach to teaching both science and literacy. Feel free to contact me with any questions.

[Click here to see the Powerpoint](#)

Science, Literacy, and the Common Core

30th Annual Siena Conference
STANYS Eastern Section
October 14, 2011
Becky Remis
rremis@sabrenet.net

Intermediate

By Elisabeth Milot, Intermediate SAR
Email: easternstanys@gmail.com

"I was formed this way!" Have you heard this adaptation of Lady Gaga's song to illustrate the formation of rocks? Or "Sedimental Journey"? What about "The Continental Drift song (or Breaking Up is Hard to Do)"? Greg Flick presented a session at the STANYS conference in Rochester to demonstrate that music/songs are a tool to motivate students and differentiate instruction. This was one of the many interesting workshops I attended this past fall, first at our local conference at Siena and then just recently at the STANYS state conference. I also attended workshops focused on Common Core Standards, and increasing literacy in the science classroom.

I offered workshops at both, Siena and in Rochester, focused on low budget activities designed to provide high impact on learning in the intermediate classroom. I enjoyed presenting and exchanging ideas at both venues and received positive feedback from participants.

It is always stimulating to see so many dedicated educators come to Siena or Rochester to attend workshops, network with other educators, or just participate in the scheduled activities at conferences. If you haven't had the opportunity to attend either of the conferences I'd like to invite you to our next Lab Day at the college of St. Rose on March 3, 2012.

I would like to extend a welcome to Jennifer Gecewicz, who will take my place as the Intermediate SAR in January. Jennifer teaches at St. Thomas the Apostle School in Delmar, and has the unique opportunity to teach the intermediate curriculum to all grades in the middle school. I am thrilled that she has offered to be the next Intermediate SAR.

Even though I am no longer the Intermediate SAR I will continue to play an active part at the Eastern section as newsletter editor and webmaster, and I will continue to present workshops at the local level. I hope to see you at Lab Day 2012!

Conferences!

Kate Perry
Elementary SAR
kdhargra@hotmail.com

One of the goals I have for my students is to help them become lifelong learners, and what better way to encourage it than to model it! Taking the time to attend workshops and conferences rejuvenates and motivates me. I continually learn new ideas to keep my students engaged and inspired.

Within the last two months, I presented at both our Eastern Section's Siena conference and the state STANYS conference in Rochester. My Siena Conference workshop, Elementary Innovation-How to Turn Your Classroom into a Workshop for Inventors, was well received. We explored curriculum connections, ideas, tips, and tools, and we all made some of our own creative inventions. The discussions around the tables were rich with ideas on how to implement invention activities in any lesson topic. The Siena conference offered something for everyone, from Assessment Strategies, to hands on inexpensive high impact lessons, to Forensics.

I attended a workshop that reviewed the Common Core Standards linking science and ELA standards. All participants received a booklet full of useful, hands-on activities and lessons, and a handful of tips on implementing each one.

The evening concluded with a keynote speaker, Dr. Roland Kays, curator of mammals at the NYS Museum. We were entertained with details on local and exotic animal movement patterns, new technologies and cameras for tracking, and how global patterns influence animals. Dr. Kays skillfully connected his work to how we can use animal movement data collection in class. Movebank.org an animal tracking database, Smithsonian Wild, <http://siwild.si.edu/>, an extensive camera trapping photo collection, and e-bird.org, which is an interactive bird database, were among the resources he shared. Dr. Kays also shared a great website, sciencebuddies.org, that helps students find intriguing science projects for fairs, home or school.

Off to Rochester! There were workshops about engineering design, mealworms, creating game boards, elementary chemistry, weather, inquiry skills, STEM, electricity, astronomy, science notebooks, and more- all geared directly for elementary teachers. I presented a workshop, "I Wonder....Encouraging Inquiry Skills in the Elementary Classroom." The focus was on strategies to get students to really observe an object or an event, think about and record the details, and create questions that they could turn into their own experiments or research projects based on their observations and questions. Not only did they receive lesson materials, but teacher's shared what worked for them in their classrooms and how they could modify activities to include more inquiry. It is fascinating to hear other's ideas; I learned a lot from my participants! The collegial exchanges in the afternoons and evenings were also terrific networking opportunities.

For me, the highlight of the conference sessions was the Elementary Breakfast. Not only is it inspirational to be surrounded by supporters of elementary science, but the guest speaker shared his passion for creativity and innovation in the science classroom. Dr. Alan McCormack, who is a professor of Science Education at San Diego State and the 2010 NSTA president, shared his presentation "Imagine and Invent: Create a Great Future". Dr. McCormack stressed the need to increase creativity in science, as part of the curriculum, to encourage students' innovation. His methods: divergent thinking; humor; visualization of concepts; "junk" mad inventions; and magic! He created mysteries and discrepant events for us with Harry Potter's cauldron, flaming books, and non-spilling cups. He recommended Thomas O'Brien's books *Brain Powered Science*, *Teaching and Learning with Discrepant Events*, and his book *Inventor's Workshop* to help classrooms achieve Imagine + Engineering = Creative Thinking.



Workshop presenters also touched on the NexGen Standards and the shifting curriculum guidelines coming our way. Stay tuned for more information. If you missed these workshops, don't fret, Lab Day at the College of St. Rose is March 3, 2012. Join us there!

There are opportunities for your students over winter break to keep the help science alive. Schenectady Museum, CMOST, Albany State Museum, and Five Rivers are just a few of the facilities running school break kids activities. Five Rivers is also offering Growing Up Wild, Project Learning Tree, and Project Wild, all teacher workshops, during the month of December. If you want more information, have questions, or have ideas to share, e-mail me at kdhargra@hotmail.com.

A Note from Mary W. Thomas

STANYS DAL Elementary

Assistant Director,
Elementary Science Program

Hi folks,

I've been writing a blog for about two months now with thoughts and information about NYS current science topics. I invite you to visit the blog, make comments, dialogue with others and share it with your colleagues if you think it would be helpful. Here's the address:



<http://www.espsciencetime.org/blog.cfm?blogID=5659&newest>

Best wishes,

Mary W. Thomas, Assistant Director
Elementary Science Program
Monroe #2 - Orleans BOCES

Living Environment

Kelly Ryan SAR Eastern Section
kellyryan@ncolonie.org

Now that I have the first quarter of the school year under my belt, I feel as though I can breathe a little easier. My routine is set and I've hit my stride. More importantly, I can delve into the resources I brought home from the STANYS Conference in Rochester and I can analyze the feedback I got from my presentation at the Eastern Section Siena Conference. It always feels good to rejuvenate my lessons and try something new.

I made the trip to the STANYS Conference in Rochester for the first time this November. Though I only attended Sunday afternoon through Monday afternoon, I was able to present 1 workshop, attend 4 workshops, hear a fabulous keynote speaker, enjoy both a buffet dinner and the Intermediate Luncheon, go to a membership meeting and meet up with colleagues from across the state. One of the workshops I participated in was a presentation of the HHMI resources which accompany *Exploring Biodiversity: The Search for New Medicines*, which focuses on the neurotoxins produced by cone shells. We worked with online tools and received shell cards and a shell kit to carry out classification activities. Cone shells and their neurotoxins are also a great way to explore cell receptors. Another workshop focused on Nanotechnology lessons to integrate into our curricula. Interestingly, the one lesson focused on UV radiation and utilized UV detecting beads. Since I already have my students design and carry out an experiment using UV beads I can now expand that lesson to include these new ideas. I've been trying to come up with a good cell differentiation lesson in the past few years and never quite hit on what I wanted. I was at a workshop put on by LabAid and we were given two stem cell differentiation lessons that are part of their SEPUP modules. They were just what I was looking for! Next year, I plan on attending the full conference!

At our local Siena Conference I presented a workshop entitled: A "Novel" Approach to teaching Biology, along with my colleague Krystal Wilt and the author of the young adult novel *This Side of Normal*, Eric Devine. This novel explores the life of a young teen as he is diagnosed with Type 1 diabetes and learns to deal with this life altering condition. Krystal and I had our ninth grade Regents level LE students and 2 year LE students read this short novel and complete weekly assignments that complimented the novel. The author then did an extremely well received presentation for our students. I am just getting ready to begin the novel in my classes and will utilize the feedback I got from the conference. If you would like more information about this novel and the accompanying lessons, please contact me by email.

Save the Date!
Eastern Section STANYS
Proudly Announces
Spring Lab Day 2012
The College of Saint Rose
Saturday, March 3, 2012

- *Hear a great Keynote Speaker.
- *Learn while you enjoy 2 laboratory activities.
- *Choose sessions from every content area (k-12).
- *Enjoy morning refreshments & buffet lunch with your colleagues.

CALL FOR PRESENTERS:

Won't you consider sharing your engaging activities and lab experiences?

Full labs and electronic classrooms are available.

For a Presenter Proposal form or more information, contact:

Colette S. McCarthy

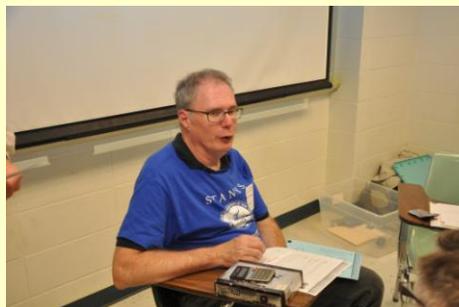
1178 Baker Ave.

Niskayuna, NY 12309

(518) 281-6991

esmccarthy.STANYS@gmail.com

Please check the Eastern STANYS website (www.eastern-stanys.org) for further information.





The College of Saint Rose



Eastern Section STANYS

SPRING LAB DAY 2012 PROPOSAL FORM

Saturday, March 3, 2012 –College of St Rose, Albany, NY

Lab Day offers teachers the opportunity to try new hands-on laboratory activities in compliance with the latest NYS Standards. Every effort is made to have workshops for all science disciplines (biology, chemistry, earth science and physics) and all grade levels.

Please fill out a proposal form if you are willing to present a workshop OR if you would like to suggest a workshop that should be presented

Colette S. McCarthy
Lab Day Coordinator
1178 Baker Ave.
Schenectady, NY 12309
518-281-6991
mccarthyc@scheneclady.k12

**Proposals must be returned by December 23, 2011 Mail to:
Or download form from our website: www.eastern-stanys.org**

Title of Workshop: _____

Description of Workshop

Discipline _____

Level: H.S. M.S. Elem

Do you have a minimum and /or maximum number of participants? _____

Do you have technology needs? _____

Do you have a preference for when your workshop is offered?

Morning Afternoon No Preference

Name of Presenter: _____

Name of School: _____

Preferred Address: (Home or School) _____

Preferred Telephone Number: _____

Preferred Email: _____

Name(s) and School(s) of additional Presenter(s): _____

If you have any questions or concerns regarding your particular branch/level of science please feel free to contact your STANYS Eastern Section Subject Area Representatives:

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College/Pre-service - Pat Price - pprice2@nycap.rr.com
Earth Science - Paul Nooney - nooneypa@gmail.com
Elementary – Kate Perry: kdhargra@hotmail.com
Env. Science/BaP - Arden Rauch - raucha@union.edu
Intermediate/Newsletter /webmaster –
Elisabeth Milot – easternstanys@gmail.com
Living Environment – Kelly Ryan kellyryan@ncolonie.org
Physics - Paul Fedoroff - pafedoroff@BHBL.org
Retirees - Larry Smith - lfiziks@aol.com
Lab Day – Christine Stankavich - cegnaczyk@aol.com
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Science Congress & Joseph Henry Science Fair - Amanda Parker -
parkera@strose.edu
Science/Engineering Fair - Joan Wagner - jsw2012@aol.com
Science Olympiad - Scott Holdren - sholdren@rcscsd.org
Chair/DAL for Intermediate - Steve Fielman - sfielman@verizon.net

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