**President’s Message**

Contributed by Kathy Cabe Trundle

**Lucky 13**

As we enter the year 2013, “Lucky 13” comes to mind along with superstitions about the number thirteen. For example, some hotels omit the thirteenth floor by skipping the floor numbers from twelve to fourteen. Seating thirteen people at a table for a meal is considered to be unlucky in some cultures, and Friday the thirteenth is believed by some folks to be the unluckiest day of all. There even is a diagnosed fear of the number thirteen, Triskaidekaphobia.
My family members, however, defy this trend and consider any number with the digit three, including 13, to be special or lucky. For five generations, my direct maternal ancestors were all born on dates that include the digit three (e.g., 3rd of May and July; 23rd of January, May, and August; and 13th of February, July, and October). In fact, my older daughter, Martha, was born on Friday the 13th and under a full moon no less! While I am not superstitious, the number thirteen is special to me, if not lucky.

At this point in the New Year, however, I feel quite lucky for many reasons, including the opportunity to serve as your President of ASTE during 2013. So in the spirit of David Letterman’s Top Ten Lists and in celebration of the year 2013, here is my Lucky 13 List for ASTE, reasons our organization should feel fortunate this year:

1. **Executive Director:** Bob Hollon, who is highly professional, attentive to details, and dedicated to the best interests of ASTE, just finished his first year as our Executive Director. Bob and I work very closely, and I can tell you, without question, we are, indeed, lucky to have him in this role! Thanks to Bob for his hard work for and dedication to our organization.

2. **New JSTE Editors:** The Publications Committee, under the leadership of Al Bodzin and Valarie Akerson, selected Norman and Judith Lederman as editors for the *Journal of Science Teacher Education* division of our journal. Norm and Judy have many years of publication experience, including editor positions with *School Science and Mathematics, Science Education*, and the *International Journal of Science Education*. Norm’s previous leadership as President of ASTE and Member of the Board of Directors, their combined longstanding engagement in science teacher education, and their service on numerous editorial review boards made them excellent candidates for the editorial roles. Welcome to Norm and Judy and thank you for your continued service to ASTE!

3. **Pursuing ISI Indexing:** Through the stellar leadership of past editors, including most recently Charlene Czerniak, John Staver, and Lynn Bryan, *JSTE* has become quite successful. Our journal has progressed rather quickly from being self-published to being sought after by publishers like Springer and Wiley and from being an annual expenditure for our organization to revenue producing. The hard work of past editors along with strong ASTE leadership has positioned our journal to be considered for the international recognition other leading science education journals have enjoyed (e.g., *Journal of Research in Science Teaching, Science Education, International Journal of Science Education* and *Research in Science Education*). Thus, Norm and Judy are working closely with the Board of Directors and the Publications Committee to secure indexing for *JSTE* in the Thomson Reuters Institute for Scientific Information (ISI) Web of Knowledge (Social Sciences Citation Index, SSCI) and to bring our journal into international prominence.
4. **Financial Situation:** As some of you likely will recall, ASTE struggled financially for many years, often enduring years of deficit. More recently, our organization has improved its financial position so that our reserves exceed $200,000. This result is quite significant because it means that we can meet our existing financial obligations and anticipated conference contracts for about three years. In addition to building our reserves, we have invested in a new website system, which allows for online support for ASTE activities at the international and regional levels. The 2012 Board of Directors, under the direction of John Tillotson as President, also decided to invest in *JSTE* and our newsletter by supporting the new editors with stipends. Thus, we now have six paid ASTE employees: the Executive Director, Director of Electronic Services, *ASTE Newsletter* Editors, and *JSTE* Editors.

5. **Balanced Budget:** Despite the additional expenses our organization incurred this past year, as noted above, the Executive Board was able to pass a balanced budget for 2013. This was no small feat and the result is directly attributable to the extraordinary efforts of Bob Hollon, our Executive Director. Bob worked diligently with me each day of the conference in Charleston, the busiest time period throughout the year for him, and together we scrutinized each budget item until we were able to reduce the potential deficient from $7500 to around $4000. The Executive Board was able to balance our budget by using actual rather than projected conference numbers in the approved budget. Thanks again to Bob for his patience, persistence, and hard work!

6. **Personnel Evaluation Advisory Committee:** A stellar group of our colleagues agreed to serve on the new ad hoc committee, the Personnel Evaluation Advisory Committee. The committee has been charged to develop the process and metrics for evaluating all paid employees of ASTE. The committee includes Michael Beeth, Chair, Thomas Koballa, Julie Luft, and Eugene Wagner. This group of consummate professionals brings years of administrative experience, a depth of knowledge of the history and workings of ASTE, and long-term dedication to ASTE to this task. We are indeed fortunate to have this select group lead this effort on behalf of our society, and we owe them a debt of gratitude for moving us toward a more efficient and effective organization.

7. **Successful Charleston Conference:** Our recent conference in Charleston involved 478 attendees, which is the fifth largest attendance since 2001. Our past conferences have averaged 462 attendees, making this year’s number above average. Thanks to everyone who attended, presented a paper, served as a presider, worked the registration desk (24 people volunteered this service!), served as thread coordinators, and reviewed papers. Your combined efforts made our conference a success! We owe a special thanks to William Veal, Meta Van Sickle, Courtney Howard, Alice Sorensen, and Mutindi Ndunda, our conference chairs and program committee.
8. **Plans for an Excellent San Antonio Conference:** Gilbert Naizer, Janice Meyer, Linda Pruski, and members of the Southwest Region are hard at work planning our 2014 conference in San Antonio, Texas. San Antonio, the second largest city in the state of Texas and the seventh largest in the US, offers a vibrant downtown area with quality museums, historical missions, amusement parks, and great food. Next year’s conference committee, in an effort to be more environmental friendly and to move us into the e-world, is exploring the possibility of moving toward an electronic and/or app-based conference program. When making your professional plans for 2014, “Remember the Alamo,” look for the call for proposals, and join us in in the Lone Star State!

9. **New Board of Directors Members:** Each year, two new Directors at Large and one Regional Director are elected to serve on our Board of Directors. This year we are fortunate to have Gillian Roehrig and Patricia Morrell, both Directors at Large, and David Crowther, Regional Director, add their experiences and leadership abilities to our Board. Gillian co-chairs the Publications Committee, Tisha chairs the Professional Development Committee, while David provides leadership to the Committee on Regional Units. Joanne Olson returns to the Board as President-Elect. It is my pleasure, as your President, to work with this highly competent group and I sincerely count myself lucky to be associated with these folks.

10. **New ASTE Website:** John Rhea, Director of Electronic Services, designed our new website to have an updated, modern design along with more functionality under the hood. He added mobile support, meaning the website looks great when accessing it on a desktop, laptop, tablet, or phone. John built in functionality for sub sites or micro sites so that the regions now have a presence on the web. He also overhauled the user system for both security and usability, and all functions now run through a single login. This means that all ASTE web functions (e.g., reviewing submissions for the awards committee, reviewing annual conference proposals) can be accessed through one account. Thanks to John for improving our electronic image and online efficiency!
11. **Strong Committee Members and Leaders:** The strength of ASTE comes from the combined efforts of many, and each year the President-Elect asks for volunteers to serve on our committees. Even with busy schedules and many demands from teaching, research, and service, dedicated ASTE members always step-up and answer this call to do the heavy lifting for our organization. I had the pleasure of appointing following individuals to our committees this year and we thank them for their service to ASTE:

- **Awards:** Ian Binns, Meg Blanchard and S. Maxwell Hines  
- **Long Range:** Meredith McAllister  
- **Equity:** Sarah Carrier, Deb Hemler, and Lara Smetana  
- **Membership:** Jennifer Maeng and Donna Farland  
- **Oversight:** Larry Flick and Deborah Tippins  
- **Professional Development:** Kathleen Blouch, M. Jenice (Dee) Goldston, Catherine Koehler, Kimberly Lott, Wayne Melville, and Sharon Schleigh  
- **Publications:** Gail Jones and Julie Luft

12. **New Book in the ASTE Series:** Michael Dias, Charles Eick, and Laurie Brantley-Dias are finalizing details on a new edited book for our ASTE series. This book includes sixteen narratives from ASTE colleagues who returned to classrooms or informal settings to apply their research, scholarship, and experiences in higher education to authentic educational settings. These professors spent extended periods of time teaching children and adolescents, and they share their experiences with us in *Science Teacher Educators as K-12 Teachers: Practicing What We Teach*, which is set to be released this summer. Look for this exciting new book and consider adding it to your library!

13. **Our ASTE Professional Family:** When I think about my professional affiliations, ASTE always holds a special place in my heart, and I think of my ASTE colleagues as my professional family. I count myself as very lucky to share our professional lives, and I wish each of you a very LUCKY 2013!
Special thanks to the 2013 ASTE International Conference Team and all those who helped make this a successful conference. The conference was well attended with 478 science educators engaging in conference activities. This year’s conference included: 13 workshops, 7 forums, 215 traditional paper sets, 16 themed paper sets, 19 experimental sessions, 63 posters, 7 syllabus sharing sessions and 17 roundtables.
ASTE 2013 International Conference Photo Collage
Photographs contributed by Penny Gilmer
2013 ASTE Awards
Contributed by Judy Morrison
Photographs contributed by Penny Gilmer

2013 Award I Level I, Outstanding Science Teacher Educator

Award – Dr. Carla C. Johnson, nominated by Dr. Charlene Czerniak

Award I Level 1, the Outstanding Science Teacher Educator of the Year Award, recognizes the individual achievements and contributions of persons having ten or fewer years in their career service.

Dr. Carla C. Johnson is an Associate Professor of Science Education and Chair of Middle Childhood Education at the University of Cincinnati. In a period of ten years, Dr. Johnson has authored over 60 publications and secured over $16 million in funding for science education research and programming. Also, she is Editor of the School Science and Mathematics Journal and has served in many leadership positions in science education throughout her career.

In honor of this recognition, Dr. Johnson receives an inscribed plaque and $1,000 from Carolina Biological Supply.

2013 Award I Level II, Outstanding Science Teacher Educator

Award – Dr. Lynn A. Bryan, nominated by Dr. Deborah Tippins

Award I Level 2, the Outstanding Science Teacher Educator of the Year Award, recognizes the individual achievements and contributions of persons spanning more than ten years in their career service.

Dr. Lynn A. Bryan is a professor of science education, recent Co-Editor-in-Chief for the Journal of Science Teacher Education, and the Director of the Center for Research and Engagement for Science and Mathematics Education at Purdue University. She holds a joint appointment in the Department of Curriculum and Instruction and the Department of Physics. Dr. Bryan’s research focuses on science teachers’ development of knowledge for teaching in instructionally innovative settings—most recently in the area of nanoscience education.

In honor of this recognition, Dr. Bryan receives an inscribed plaque and $1,000 from Carolina Biological Supply.
2013 Award II, Outstanding Mentor

Award – Dr. Julie Luft, nominated by Eunjin Bang

Award II, the Outstanding Mentor Award, recognizes outstanding accomplishments in contributing to the professional development of pre-service and in-service science teachers and teacher educators.

Dr. Julie Luft is the Athletic Association Professor of Science and Mathematics at the University of Georgia. “This award recognizes the support that she not only gives, but that she also receives, from those who worked with her over the years. For without her former and current graduate students, teachers, and colleagues in the field -- she would not be engaging in the work she does today.”

In honor of this recognition, Dr. Luft receives an inscribed plaque and $1,000 from Frey Scientific. Frey Scientific, a subsidiary of Delta Education, is the continuing sponsor of our Award II.

2013 Award III, Outstanding Longtime Service to ASTE

Award – Dr. Dana Zeidler, nominated by Dr. Anna Lewis

Dr. Dana Zeidler began his work with ASTE in 1990 when he helped to launch the Journal of Science Teacher Education, serving as managing editor. Since that time, he has worked with many students and colleagues presenting at ASTE annual conferences in addition to serving on the Board of Directors as an At-Large Representative, numerous ASTE committees, Chair for the 2007 and Co-chair for the 2012 annual ASTE conferences that were held in Clearwater Beach, Florida. He continues to be an international advocate for ASTE.

In recognition of this honor, the dues of ASTE Award III recipients shall be waived. All rights and privileges of an active member shall be maintained. Additionally, the recipient will receive a free electronic copy of JSTE/JESE.

While unable to attend, Dana made quite an impression with his WWDZD (What Would Dana Zeidler Do?) bracelets.
Award V: Implications of Research for Educational Practice recognizes the best 2012 ASTE conference paper presentation that seeks to identify a persistent and recurring problem in the practice of science teacher education. The paper should develop strategies to resolve the problem based upon a comprehensive synthesis of relevant research and interpret theory and research for practice.

The title of their award winning paper is: Teachers’ NOS Practices Two to Five Years after Having Completed an Intensive Science Education Program

Dr. Benjamin C. Herman is an assistant professor at the University of South Florida where he teaches several courses focused on research-based science teaching and the history, philosophy and nature of science. Ben’s primary research interest addresses efforts to promote accurate and effective nature of science instruction and factors impacting teachers’ NOS instructional implementation. Ben's scholarship also focuses on efforts to promote socioscientific issues instruction and environmental education.

Dr. Michael Clough is an associate professor of science education at Iowa State University where he teaches several courses to secondary science teachers, including The Nature of Science and Science Education. His scholarship is directed at the nature of science and its implications for science learning, teaching, and teacher education; and the synthesis, criticism, and clarification of extant knowledge and research in science education. He currently serves as president of the International History, Philosophy and Science Teaching (IHPST) organization.

Dr. Joanne Olson is an associate professor of science education at Iowa State University where she teaches courses in the elementary and secondary science teacher education programs, and co-directs the MAT program. Her scholarship is focused on teacher preparation program effectiveness and the development of science teachers' decision-making.

Carolina Biological Supply has made possible a cash award of $1,000 to be split equally between the three authors.
Charleston Harbor Trip
Contributed by Charles Eick

This year’s conference in Charleston ended for about fifty of us in a ‘three-hour’ boating tour of the Charleston harbor where we heard from a naturalist and historian about the area. We pulled up a crab-pot to learn firsthand about the blue-claw crabs in the harbor. We also heard about the feats of Blackbeard the pirate and the civil war history of Fort Sumter. We even landed on a deserted island (not stranded) to walk its beach on a most beautiful and warm day. On the way back to dock we cruised alongside dolphins and watched the sunset for the day. Everyone owes a special thanks to the ASTE Environmental Education Forum who sponsored the event and Al Bodzin who coordinated it for us.

Ship captain and naturalist pulls the crab pot for us to inspect.

Bill and Samera Baird look up close at a blue-claw crab.

Ship naturalist and captain holds up a blue-claw crab while EE Forum trip coordinator Al Bodzin looks on.

Our boat beached, not stranded, on a deserted island at the mouth of the Charleston harbor.
The 2014 ASTE International Conference
Contributed by Gil Naizer

We are looking forward to ASTE 2014 in San Antonio, TX at the Hyatt Regency on the Riverwalk. The 2014 International Conference will take place January 15-18. Here are some details to assist you in planning for the conference. The Conference Proposal call will come out in late spring.

Session Types

Traditional Paper Set - Each paper set will consist of several papers relate to the same thread as grouped by thread coordinators. The session presider will manage the time and facilitate the transition from one presenter to the next.

Experiential - The presenter will facilitate a hands-on session in which participants interact with specific materials/equipment, methods, activities, or technology applications.

Roundtable - Each roundtable session offers the opportunity for participants to share and discuss syllabi, creative pedagogy, issues and trends, and research in an intimate and informal manner. Each participant will provide a brief (5 minutes) synopsis prior to the discussion. The audience will have time to circulate among tables.

Poster Presentation - Each presenter will prepare and display a visual representation of a research study, issue, or practice related to science teacher preparation. Appropriate displays include posters or other creative formats. Presenters will participate in one-on-one conversations about their displays.

Themed Paper Set - Each set consists of multiple papers decided by the authors to share a common theme. Each presenter will discuss a research study, philosophical viewpoint, position or innovative idea. The session presider will manage the time and facilitate the transition from presenter to the next. A discussant can be included or provided.

Professional Development Workshop – Each 1-3 hour workshop provides information and interaction with a new approach to some aspect of science teacher preparation. Workshops will be offered during both the pre-conference and conference sessions. The call for Workshop proposals will be out April 1 from the Professional Development Committee.
The following strands are planned for the 2014 Conference:

College and University Science  
Curriculum, Pedagogy, and Assessment  
Equity and Diversity  
Preservice Science Teacher Preparation  
Science Teacher Professional Development  
Student Learning P-12  
Policy and Reform  
History, Philosophy, and Nature of Science  
Educational Technology  
Informal Science Education  
STEM Education  
Environmental Education

Gil Naizer, 2014 Conference Chair & the SW Region

For more information contact: gilbert.naizer@tamuc.edu

The Hyatt Regency San Antonio outdoor terrace deck overlooking the historic Alamo.
Call for Professional Development Workshop Proposals
Contributed by Tisha Morrell

The Professional Development Committee invites interested members to prepare to submit a Workshop Proposal for consideration for inclusion in the 2014 ASTE Conference in San Antonio, Texas! Applications will be accepted on-line (theaste.org) starting April 1. The deadline is April 30, 2013.

Reviews of workshop proposals will center on how adequately the following components are addressed (maximum of 1500 words total):

a. State the focus of the session and its relevance to the ASTE membership.

b. Describe the sequence and duration of activities. What are the main ideas and what are the events that would occur? What do you expect the attendees to learn?

c. Explain who within the ASTE membership would be most interested in your presentation (e.g., methods instructors, educational researchers, curriculum developers, etc.) and why.

d. Describe the expertise of the workshop presenters so the attendees will be guaranteed a worthwhile experience; that is, who is going to conduct the workshop and what is their background in this area?

e. Provide a budget for the workshop indicating the amount (if any) each participant will be charged. What is the number of people the workshop is intended to serve? If there is a cost for attendance, please specify how this money will be used. Indicate the material and technological needs for this workshop. What are the texts, handouts, videos, etc., required in order to implement this session?

f. A form field for a separate reference list will be provided on the application. (The reference list will not count as part of the proposal word limit).

If you have any questions, feel free to contact Tisha Morrell, Chair, Professional Development Committee (morrell@up.edu).
ASTE ELECTION NEWS
Contributed by Karen Irving

Thank you to everyone who participated in the 2013 ASTE election process. We received a large number of nominations and were able to advance a slate of many highly qualified members for each of the positions.

Thank you to those who voted. Everyone’s vote really made a difference as some of our candidates were separated by less than ten votes. For one position, one candidate enjoyed a winning margin of a single vote.

We hope that with an entirely electronic process and several friendly reminders to vote, that more of our membership will vote in future elections. Please do take the short time to cast your votes in the election for new officers for 2014. If there is something we could do to facilitate the voting process, please let us know.

Your ASTE officers are here to serve you and make sure our organization is meeting our profession’s current and future needs.

Our newly elected officers & committee members for ASTE are

- President-Elect – Joanne Olson
- Board Member at Large – Patricia (Tisha) Morell
- Board Member at Large – Gillian Roehrig
- Elections Committee – Deborah (Deb) Hanuscin
- Elections Committee – Julie Westerlund

The Officer and Committee members began their new terms at the 2013 ASTE conference in Charleston, SC.

Please consider running or nominating someone for office for next year.

ASTE Elections Committee,

Karen Irving Co-Chair, Rose Pringle, Co-Chair
Aimee Govett, Deborah Hanuscin, Julie Westerlund, & Yael Wyner

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Departing Board Members
Pictures Contributed by Kate Popejoy

Richard Hectar, Kate Popejoy and Al Bodzin
Past-President John Tillotson

ASTE Environmental Education Forum Update
Contributed by Al Bodzin

The ASTE Environmental Education Forum continues to thrive with many very active and engaged members. We had 40 members convene at our forum meeting at the annual conference in Charleston with eight members attending our meeting for the first time. We are quite excited that Catherine Martin-Dunlop is now our new forum Chair. We appointed a subgroup consisting of Kate Popejoy, Julie Lambert and myself to work with a subgroup from the Policy and Government Relations Forum to develop a new ASTE position statement on climate change education. (Please provide feedback to this document when it circulates to the membership). Many ideas were discussed for next year’s ASTE conference in San Antonio and a significant portion of the meeting focused on members’ issues pertaining to state-level policies for incorporating environmental education into science teacher education. The conference concluded with our EE Forum sponsored field trip into Charleston Harbor. We had a capacity boat and learned about the local ecology and history. Participants enjoyed beach combing on Morris Island and we were treated to dolphin pods as the sun was setting.
ANTE Forum on Policy and Government Relations
Contributed by Joe Shane

We were quite encouraged by the general interest at the conference in Charleston in getting more involved in policy issues. Recent ASTE Board members Kate Popejoy and Al Bodzin attended our Forum meeting and provided many useful suggestions as well as insights into working with ASTE leadership on advocating for science teacher education with legislative policymakers. Dr. Tillotson’s remarks at the business luncheon also lent support for these continued efforts and numerous presentations certainly had policy implications. Speaking personally, I had a wonderful conversation with Julie Luft and Peter Hewson following their session on what constitutes quality professional development in science education.

As many of you know, the ASTE Board recently accepted a position statement on the teaching of evolution and several Forum members will now turn their attention to developing an ASTE position statement for climate change education in coordination with the Environmental Education Forum. We have been building our relationship with the National Center for Science Education (http://ncse.com/) to assist these efforts.

We are currently in the initial stages of establishing a Facebook presence for the Forum to more effectively keep the ASTE membership in touch and updated about policy issues. Perhaps this will either reduce the number of phone conferences we need or allow us to invite guest speakers to our phone conferences as we have done in the past. Jodi Peterson at NSTA has been great about getting some policy folks in D.C. to speak with us. If you know someone that we should speak with in real time, please let us know their names and contact information.

We are revisiting the idea of creating a series of short policy-based white papers on important topics for science teacher education to communicate research and best practices to our legislative policymakers. At our Forum meeting we considered developing statements for recruitment, subject matter training within disciplines, education coursework, field experiences and student teaching, assessment and program improvement, induction, and ongoing professional development.

As always, comments and feedback are welcome. Please contact me (Joe Shane, jwshan@ship.edu, 717-477-1572) if you have any suggestions or if you would like to be more involved in the Forum’s work.
New Book for Science Educators
Contributed by Penny Gilmer

Dr. Hedy Moscovici was a long-time member of ASTE and also served recently on the ASTE Board as the Equity Chair. Hedy died of ovarian cancer in November 2011 while she was trying to finish writing her first book. Hedy asked Katherine Wieseman and me to finish writing the book and bring it to publication, which we did as the editors. Her son, Tal Moscovici, did the illustrations and the cover.

Hedy’s book, Learn Science, Learn Math, Learn to Teach Science and Math, Homo sapiens!, is available in paperback for $19 from Amazon: http://www.amazon.com/Learn-Science-Math-Teach-Sapiens/dp/9462091536/ref=sr_1_22?keywords=moscovici. This book would be excellent for those science educators with a cultural bend who are looking for a good book to use when they teach prospective (or practicing) science or mathematics teachers.

Chemistry Education Research and Practice (CERP)
Contributed by Keith S. Taber

Call for submissions: 2014 CERP special themed issues on Physical Chemistry Education
Scheduled for publication in July 2014

Guest Editors
Georgios Tsaparlis (1) and Odilla E. Finlayson (2)
(1) Department of Chemistry, University of Ioannina, GR-451 10 Ioannina, Greece
(2) School of Chemical Sciences, Dublin City University, Dublin 9, Ireland.

CERP is the peer-reviewed journal for teachers, researchers and other practitioners in chemistry education, published by the Royal Society of Chemistry (RSC). CERP is an open access journal, available at http://www.rsc.org/cerp/. CERP is sponsored by the RSC’s Education Division as part of the Society’s educational mission, and no administration or page charges are levied on authors publishing in the journal.

Call for contributions: Physical Chemistry Education
Topics for contribution may include but are not limited to:
• The abstract nature of physical chemistry
• Conceptual understanding in the various sub disciplines of physical chemistry
• Concept learning versus mathematical approach to physical chemistry
• Assessment of physical chemistry – testing for conceptual understanding or mathematical manipulation
• Mathematical coverage and mathematical rigor: how much and how far?
• Problem solving related to physical chemistry
• The physical chemistry laboratory
• The physical chemistry curriculum
• The role of the textbook in teaching of physical chemistry
• The interface of physical chemistry with the other branches of chemistry or with other disciplines - biology, physics, technology, geology, medicine, etc.
• Physical chemistry in context
• Computational chemistry
• Use of symbolic mathematics engines for data analysis, model building, and problem solving
• Computer simulations and online learning in physical chemistry.
• Physical chemistry concepts and topics as part of general chemistry courses at second and third level
• Reviews and Perspectives (including historical perspectives)

Contributions should align with the principles and criteria specified in the recent CERP editorial (Chem. Educ. Res. Pract., 2012, 13, 4-7). To summarise, there is a requirement that papers provide an argument for some new knowledge supported by careful analysis of evidence; either by reviewing the existing literature, analysing carefully collected research data or rigorously evaluating innovative practice.

Submission of Manuscripts

Manuscripts should be submitted in the format required by the journal using the ScholarOne online manuscript submission platform available at http://mc.manuscriptcentral.com/rp. Enquiries concerning the suitability of possible contributions should be sent directly by email to: Georgios Tsaparlis: gtseper@cc.uoi.gr and/or Odilla Finlayson: Odilla.Finlayson@dcu.ie

Important Dates

Manuscripts should be submitted by Sunday 12 January 2014 to be eligible for consideration in the theme issue, subject to authors being able to address revisions without too much delay. Manuscripts received after the deadline can still be considered for the theme issue, but the usual peer review process will not be compromised to reach decisions on publication, and if such articles are accepted for publication too late to be included in the theme issue then they would be included instead in a subsequent issue.

As with other CERP contributions, articles intended for the theme issue will be published as advanced articles on line as soon as they have been set and proofs have been checked, ahead of publication in the theme issue itself.
CITE Call for Proposals

About CITE—Science

Cite—Science is a peer-reviewed online journal for science teacher educators. The journal is co-sponsored by ASTE to publish research reports and theoretical articles on the use of innovative technologies in science teacher education. Authors can include interactive technologies for the readers’ direct access to the example technologies such as video, audio, animation or external links.

Manuscript Information

Manuscripts should directly address technology within science teacher education. Papers may focus on science teachers at any career stage including preservice, new, continuing, or teacher leaders and any grade level including college science science teachers. Manuscripts that examine how technologies can improve programs, courses, or professional development as well as collaboration and partnerships are welcome. Papers that describe innovative approaches to technology enhanced science teacher education are specifically encouraged.

Submission Guidelines

1. Go to http://aace.org/publish
2. Login with your AACE login information or create a new login.
3. Select ‘submit article’. Be sure to select CITE (science), as the journal.

Editor: Rebecca Schneider, University of Toledo
Kansas Association of Teachers of Science Conference
Contributed by Daniel Bergman

The Kansas Association of Teachers of Science (KATS) will hold its 44th Annual “KATS Kamp” Science Education Conference at the Rock Springs Conference Center in Junction City, KS, on April 19-21, 2013. KATS Kamp attracts hundreds of science educators in early elementary through post-secondary levels, including many pre-service teachers.

This year’s theme is “Harness the Power of Science Literacy.” Keynote speakers include Bill Badders (NSTA President-Elect), Steve Pruitt (Achieve/NGSS), and Steve Jacobs (Science Advisor for MythBusters).

More information about the conference—including registering, presenting, exhibiting, donating, and recruiting—can be found at http://kats.org/conference.php.

We look forward to seeing you at KATS Kamp 2013!

Summer Opportunities

Earth and Environmental Science Seminars in Hawaii — Summer 2013: Two week-long field-oriented seminar programs designed for educators are available: 1) Geoscience on the Big Island of Hawaii — July 7-13 & August 4-10; 2) The Science of Ecosystems on Kauai — June 22-29 & July 20-27. For brochures contact Chuck Blay at 808-742-8305; teok@aloha.net; website — www.teok.com.

Geoscience on the Big Island of Hawaii: A week-long professional development seminar that provides educators the opportunity to upgrade their skills in earth science instruction. Geoscience come to life on the Big Island. In addition to discussions regarding the plate-tectonic origin of the Hawaiian Archipelago, participants observe active volcanoes and their various lava rock products as well as check out faults representing major structural failures along the volcano's growing flanks. You hike through Pleistocene glacial deposits and dig in young soil layers. You snorkel among the beautiful corals of the island's thriving reefs and examine the various black, green and white sandy beaches. A lesson-plan approach is emphasized in the many hands-on field exercises. All sessions are conducted by scientists with international experience teaching at university and post-graduate levels. Seminar fee - $1250; lodging available at $95-105/night (single/double occupancy); dates available for summer 2013 — July 7-13, August 4-10. For brochures contact Chuck Blay at 808-742-8305; teok@aloha.net; website — www.teok.com.
**The Science of Ecosystems on Kauai**: A week-long professional development seminar providing educators the opportunity to upgrade their skills in environmental science instruction. The Island of Kauai, with its unique volcanic origins and nearly closed ocean-isolated biogeographical setting, represents a world-class destination for the investigation of the character and interactive aspects of a wide variety of ecosystems. Key environmental settings range from mountain-top bogs and rain forest to lush erosional valleys, arid beach/dune complexes and coral/algal fringing reefs. The 7-day program (8 nights lodging) involves 5 days of orientation lectures, daily interactive field trips (hiking/snorkeling) and numerous practical lesson-plan exercises. Two free mid-seminar days allow for additional self-guided learning. The influence of the island's human inhabitants on the island's watershed-organized ecosystems is emphasized. All sessions are conducted by scientists with international experience teaching at university and post-graduate levels. Seminar fee - $1,250; lodging available at $85-95/night (single/double occupancy); dates available for summer 2013 — June 22-29, July 20-27. For brochures contact Chuck Blay at 808-742-8305; teok@aloha.net; website — www.teok.com.

**ASTE Website**

John Rhea, Director of Electronic Services, presented the updated version of the ASTE website at the 2013 International Conference in Charleston, South Carolina. We would like to thank John for his innovative redesign of the website and for sharing his design elements with us so that the ASTE Newsletter more closely matches the website.

**Newsletter Information**

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Issue Items due by

Summer Aug. 15
Fall Oct. 15
Winter Feb. 15
Spring May 15

All members are invited to submit items.

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