The 2018 ASTE International Conference will be held in Baltimore, Maryland from January 4-6. Conference Co-Chairs Ron Hermann and Rommel Miranda will share all the details at the 2017 conference in Des Moines.
Greetings Fellow Science Teacher Educators,

We are always the Science Teacher Educator (STE). It is quite often that whenever a question about science, teaching, or education comes up in a conversation, we are called upon, indeed expected, to offer some salient and thoughtful words on the matter being discussed. Yet, I think that each of us as STEs will attest that it is almost impossible to have in-depth knowledge about each of these three topics. For example, I know a few things about physics, but it would be very difficult for me to offer detailed analyses of most topics and concepts related to biology. However, that can be the expectation. So, how do we handle the perception of being an “expert” in science, teaching, and education? And how can we make these opportunities fruitful for our interrogators and enjoyable for us as STEs? A starting point could be defining each term. A frequently used website, dictionary.com, offers some definitions that can begin the conversation.

Science
Among seven definitions, I chose “systematic knowledge of the physical or material world gained through observation and experimentation.” This definition embodies the idea that science involves some level of ‘doing’, implying that it is not just the knowledge that makes science a unique way of knowing, but the practice of science is also just as important.

Teacher
“A person who teaches or instructs, especially as a profession.” This definition reinforces the idea that teaching is a profession. Teachers are highly respected in some communities and countries in the world. Yet in some places, to be a teacher is to be looked upon in a very negative and condescending manner. Surely teachers, as professionals, deserve better.

Educator
“A person or thing that educates, especially a teacher, principal or other person involved in planning or directing education.” This definition deserves more inspection because variations of the term are used in the definition (e.g., educates and education). Going one step further, we have ‘educate’ with five definitions, one of which is “to develop the faculties and powers of (a person) by teaching, instruction or schooling.” I believe we do have the power to change lives and empower others.
An amalgam of these three ideas brings us to an understanding of our role as science teacher educators. We help others to understand the physical world via a profession that empowers them to potentially change the world. Wow!

Yet the best part inherent in combining these words is our never-ending thirst for knowledge, our eagerness to better understand the world in which we live, and our need to share with others. Just look at me and my friend from the Philippines. He was thrilled to teach me how to peel cashews. And I was equally enthused to learn from him. Taking that new knowledge and skill and sharing it with others gave me great joy. May your joy of being a Science Teacher Educator never wane. See you in Des Moines in a few months at our annual international conference, where there will be numerous opportunities to gain new knowledge and skills, and surely experience some joy. January can’t get here soon enough!

Malcolm B. Butler, Ph.D.
2017 ASTE International Conference, January 12-14
Contributed by Joanne Olsen and Jerrid Kruse

Come join us in Des Moines, Iowa for the ASTE conference on January 12-14, 2017. Registration is now open. Take advantage of Des Moines—a big city feel with small city advantages. Accessible. Easy. Enjoy the free shuttle service to/from the airport, 24/7 access to our extensive skywalk system, and a catered reception at the World Food Prize Hall of Laureates with interactive exhibits. We'll be staying at the Des Moines Marriott Hotel, which provides extensive space, beautiful views of the river, and a wonderful atmosphere. Expand your horizons with great sessions, top-notch keynote speakers including Sara Vispoel and Diane Ravitch, and live entertainment. Des Moines International Airport has 120 domestic flights daily and is within driving distance of many US cities—at the intersection of interstates 80 and 35.

Reserve your room here or call the phone number below to make your reservation at the Des Moines Marriott Downtown (Group Rate: $109.00 USD per night; Address: 700 Grand Avenue, Des Moines, IA 50309; Phone: 515-245-5500).

Downtown Des Moines offers many opportunities for off-site entertainment including: fine restaurants, microbreweries, live music venues, the Science Center of Iowa, outdoor ice skating at Brenton Skating Plaza, live performance opportunities at the Des Moines Performing Arts Center, a brand new YMCA, and shopping in the eclectic East Village. While many downtown venues are accessible via skywalk, you can venture a bit further into Des Moines to visit the Greater Des Moines Botanical Garden, Blank Park Zoo, the Des Moines Art Center, or Living History Farms. Any part of the Des Moines metro is a short taxi or Uber ride away!
Find us on Facebook [here](http://www.facebook.com) or by searching “ASTE Des Moines 2017”. Don’t forget to follow us on [Twitter](https://twitter.com). We are planning social media contests for the 2017 conference, so get connected and start sharing!

For more information, please go to the ASTE website at [http://theaste.org/meetings/2017-international-meeting/](http://theaste.org/meetings/2017-international-meeting/). If you have questions, please contact the conference co-chairs, Joanne Olson and Jerrid Kruse at [conferencechairs@theaste.org](mailto:conferencechairs@theaste.org).

### 2017 Science Teacher Shuffle

Contributed by Tisha Morrell

Start making plans to join us for the annual Science Teacher Shuffle, a 3 mile run or 2 mile walk, to kick off the first full day of the ASTE Des Moines Conference. Participants will meet in the lobby of the Marriott on Thursday at 6:45 AM to get our blood flowing and make it back in time for breakfast and the first session! There is no better way to start the day than with a little exercise in a non-threatening atmosphere with terrific company. The event is free—and we’ll plan for either an indoor or outdoor jaunt depending on the weather! So all you need to do is complete the application and send via email, fax or snail mail OR bring a completed application to the hotel lobby the morning of the race. The application with numbers/addresses can found [here](http://theaste.org/meetings/2017-international-meeting/). Hope you will join us!
Professional Development Opportunities at the 2017 ASTE Conference
Contributed by Debi Hanuscin

The Professional Development Committee is pleased to share with you the listing of Professional Development Opportunities vetted through the PD Committee that will be offered at the 2017 ASTE Conference in Des Moines. Workshops are of no cost to the participants. Note: The Publications Committee, Equity Committee, and Leadership Board are offering additional workshops!

Preconference Workshops

Wednesday, January 11

NSTA/CAEP Preservice Standards: Preparing Your Program Report – Michael Dias (3:00-5:00)
This workshop provides support for science teacher educators who lead candidate and program assessment efforts at their respective institutions. We will help participants understand the NSTA-CAEP Standards for Science Teacher Preparation through analysis of sample program data reports. Suggestions for program report preparation are included.

Get Connected at ASTE with Guidebook and Twitter – Josh Ellis (4:00-5:00)
This year, ASTE is embracing the use of Guidebook and Twitter for conference attendees to enjoy a live digital conference schedule and connect with one another using social media. This workshop will guide ASTE members in how to make the most of the conference using these websites and apps. All ability levels are welcome!

Vernier Probeware – Carter (5:15-7:15)
Come learn about and use some of the latest and greatest innovations in digital tools to conduct scientific investigations.

Embedded Workshops

Thursday, January 12

Language and Literacy, Multimodality, and STEM – Mark McDermott (8:00-9:30)
Language in science is of interest to educators and researchers; a growing emphasis on STEM lends urgency to integrate language use in STEM learning environments. Infusing language and literacy in K-12 STEM instruction will be explored through a multimodal engineering activity. Science teacher education/research possibilities will be discussed.
If You Build It…Constructing Valuable Field Experiences for PST – Paula MaGee (1:30-3:45)
Join us as we explore best practices in science teacher education field. This workshop will focus on all areas of science teacher education field experience including elementary, secondary, after school, culturally relevant teaching and international experiences. Opportunity to participate in field experience publication.

Equity Committee – Vanessa Dodo Seriki, Michele Koomen, and Sami Kahn (Sponsored by the Equity Committee) (2:45-4:45)
The Inclusive Science Education Forum and the Equity Committee have collaborated to host a two-hour embedded workshop focused on different models of collaboration in support of inclusive science teacher education. During this session three models will be shared and discussed in hopes that those who are interested in inclusive science education and inclusive education in general will explore unique models of collaboration that benefit preservice teachers as well as K-12 students.

Friday, January 13
Blended Learning for Science Pre-Service Teachers – Flavio Mendez (8:15-10:15)
Dozens of professors have registered to use the National Science Teachers Association’s Learning Center (NSTA LC) as an online textbook to educate their students via blended learning solutions. Ask questions to professors and learn how to integrate the NSTA LC’s tools and resources with your course. Bring your syllabus.

Writing Compelling Proposals for NSF Funding in Science Teacher Education – David Haury (1:30-3:30)
Two NSF program officers and an experienced reviewer will discuss NSF funding programs, current funding priorities, the review process, features of highly competitive proposals, and things to avoid when submitting proposals. Participants will review and discuss excerpts from proposals that were previously submitted and ranked highly competitive.

Saturday, January 14
Preparing Secondary Science Teacher Candidates for the edTPA: Digging Deeper into Assessing Student Learning – Julie Contino (8:00-10:00)
In this workshop, participants will explore the requirements for teacher candidates’ successful completion of Task 3: Assessing Student Learning for the edTPA, a performance-based assessment required for teacher certification in NY and many other states. Participants will then evaluate a sample Assessment Commentary using the edTPA Task 3 Rubrics.
ASTE 2017 Preconference Field Trip: Bonobos and Vino – Conservation, Cognition, Fermentation
Contributed by Michael Dias

On Wednesday, January 11, 2017 from 12:30 – 7:30 pm, join us as we explore conservation and communication with primates at the Ape Cognition and Conservation Initiative, followed by a VIP Tour and Wine Tasting at Jasper Winery. The trip will conclude with dinner at the Iowa Taproom, showcasing Iowa craft beers and excellent food. Space is limited to 30 people.

**Field Trip Agenda**

12:30 pm  
Depart the Des Moines Downtown Marriott (travel via vans)

Site 1:  
Ape Cognition and Conservation Initiative Tour

Site 2:  
Jasper Winery VIP Tour and Tasting

Site 3:  
Dinner at the Iowa Taproom (dinner cost is on your own)

~7:30 pm  
Return to the Des Moines Downtown Marriott

**Site 1: Ape Cognition and Conservation Initiative**

Ape Cognition and Conservation Initiative (ACCI), the only research facility in North America to house and study Bonobos, an endangered great ape species. The family of bonobos in residence includes the world famous Kanzi, Nyota, Elykia, Maisha, and Teco.

We will tour the facility, observe bonobos interacting within 20 acres of outdoor space, and learn about bonobo conservation and research. ACCI is dedicated to responsible and sustainable research aimed at uncovering the evolutionary origins of human language, cognition, and behavior.
Site 2: Jasper Winery VIP Tasting and Tour

http://jasperwinery.com (< 5 miles from ACCI)

This 90-minute sit-down event begins with wine education covering the steps on how to do a proper wine tasting, history of Jasper Winery, and information about the Iowa wine industry. We follow that with tastes of Jasper wines and a tour of the winery to explore humanity’s most ancient application of organic chemistry!

Site 3: Dinner at the Iowa Taproom – order on your own

http://iowataproom.com/ (< 5 miles from Winery, 1 mile from Downtown Marriott)

All Iowa Beer. One Amazing Place

MORE THAN BEER.

Unique Iowan-inspired selections and American favorites, including Iowa Chops, Morning Farm Burger, Hand-Breaded Pork Tenderloins, Iowa Ham Balls, Kielbasa Fritters, Chicken Wings and much more.

Coordinators: Michael Dias mdias@kennesaw.edu 770-883-2296
Joanne Olson jkolson@iastate.edu 515-290-6003
2017 ASTE Conference App: Guidebook
Contributed by Gil Naizer

While we have used conference apps for the last few conferences, for the 2017 conference, the plan is to more fully incorporate the features of a conference app, Guidebook, features of which were used nominally in 2016. Guidebook offers iOS and Android based apps that can all be used offline as well as a web based version.

Guidebook ASTE 2017 should allow you to view the conference schedule by time slot, thread or speaker and will include abstracts of each session. Also included will be maps of the meeting rooms, general conference and Des Moines information as well as some advanced features such as individualized scheduling, to-do lists, integrated social media, live polling, and the ability to upload presentation materials.

Click here for a short video about the app.
2017 ASTE Conference Publications Committee Sessions
Contributed by Meredith Park Rogers and David Haury, Publication Committee Co-Chairs

Each day of the Annual conference in January, the Publications Committee will be sponsoring a special Meet the ASTE Journal Editors session for each of the ASTE journals.

One session will be devoted to each journal...

Journal of Science Teacher Education (JSTE)

*Come learn about the NEW COVER! The new cover will begin with Issue 1 of Volume 28.

Innovations in Science Teacher Education (Innovations)

Contemporary Issues in Technology and Teacher Education (CITE - Science Section)

Come learn from the editors about the purpose of each journal, how to submit a manuscript, and/or how to join the Editorial Review Board. They also welcome questions, comments, and feedback about the journals. **Specific days and times for each session will be included in the final conference program!**
ASTE Monographs – Latest Monograph from Springer
Contributed by Meredith Park Rogers and David Haury, Publication Committee Co-Chairs

The latest ASTE Monograph from Springer is coming out soon!

A.W. Oliveira, M.H. Weinburgh (Eds.)
Science Teacher Preparation in Content-Based Second Language Acquisition

Series: ASTE Series in Science Education

Fills an important gap in the science education literature by integrating science and language Introduces pedagogical models of content-based instruction Shares professional development strategies and teacher training models that work

The primary purpose of this book is to provide science teacher educators with exemplars of professional development programs designed to prepare school teachers to effectively help language learners in science classrooms simultaneously gain language proficiency and conceptual understanding. To this end, this book examines seventeen science teacher preparation programs that span a wide variety of grade levels (elementary, middle, and secondary), countries (Italy, Luxembourg, Spain, UK, and US), and linguistic contexts (English as a Second Language, English as a Foreign Language, trilingual classrooms, and teaching deaf children science through sign language). The book is divided into three main parts. Each part consists of chapters that illustrate a common, cross-cutting theme in science teacher preparation in content-based second language acquisition, namely pre-service teacher preparation, in-service teacher preparation, and international perspectives. Each part provides many insights on the similarities and differences in the professional development approaches used to prepare science teaching with varied amounts of instructional experience help students in different parts of the world overcome linguistic barriers while simultaneously learning concepts central to science. Bringing together researchers from various academic backgrounds (science education, TESOL, and Applied Linguistics), attention is given to varied facets of the intersection of science and language learning in the specific context of school teacher preparation.
Call for Editorial Review Board Members
Contributed by Meredith Park Rogers and David Haury, Publication Committee Co-Chairs

This is a formal call to members of the Association for Science Teacher Education (ASTE) who would like to serve on the Editorial Review Board for the *Journal of Science Teacher Education (JSTE)*. We are seeking both U.S. and International applicants.

*JSTE* is the flagship journal of the *Association for Science Teacher Education*. It serves as a forum for disseminating high quality research and theoretical position papers concerning the preparation and inservice education of teachers of science. The journal publishes eight issues per year, featuring pragmatic articles that offer empirically based ways to improve conditions in classroom teaching and learning, professional development, and teacher recruitment and retention at all grade levels.

Again, we are seeking International applicants as well as U.S. applicants.

Qualifications:

- Competence in research and/or methodology within some aspect of science teacher education.
- Ability to judge the quality of a manuscript within an area of science teacher education.
- Ability to identify particular strengths and weaknesses of a manuscript and, in a professional manner, to offer suggestions for revising manuscripts.
- Established record of publication in peer-reviewed science education and/or related journals.

Duties and Responsibilities:

- Read and evaluate approximately six manuscripts per year.
- Provide written reports on manuscripts reviewed using the criteria and evaluation form provided by the Editor(s).
- Review manuscripts within four weeks of receipt.

To apply, please electronically submit the following materials to Norman and Judith Lederman at ledermann@iit.edu by December 1st, 2016:

1. A letter of interest that includes a list of at least four areas of expertise in science teacher education in which you would be comfortable reviewing manuscripts.
2. A two-page vita that emphasizes publications in refereed journals and includes any previous reviewing or editing experience.
Innovations in Science Teacher Education
Contributed by Rommel Miranda and Ron Hermann

We are pleased to announce that the second issue is now available at http://innovations.theaste.org/publication/volume-1/issue-2-16/. This issue features an explicit-reflective approach to improving individuals’ understanding of nature of science and scientific inquiry. This issue also contains an article that outlines the opportunities and lessons learned from an after school field experience at local elementary schools and community centers during an elementary science methods course.

We are also extremely thankful for our dedicated editorial review board members who always provide insightful comments and suggestions to authors.

Special thanks to John Rhea, Director of Electronic Services, for his tireless work developing the Innovations journal website. In addition to being able to read articles online, John has included an option to view, print, or save articles as a PDF.

Please help us to spread the news about the second issue of the Innovations journal by sharing the URL with your colleagues who may not be ASTE members!

Please join our Facebook Group at https://www.facebook.com/ISTEjournal/ so you can receive announcements regarding the Innovations journal.

If you have any questions regarding the Innovations journal, please contact the editors: Rommel Miranda (Rmiranda@towson.edu) or Ron Hermann (Rhermann@towson.edu).
ASTE Election Committee
Contributed by Tina Cartwright

ASTE elections will run from October 1, 2016 through November 15, 2016. The slate of candidates is listed below. The ballot and candidate background information is available at http://theaste.org/resources/elections/. You must be a 2016 member and logged in to view the information and vote.

President
Patricia Morrell
Gil Naizer

Board Member at Large
Lisa Borgerding
Catherine Martin-Dunlop
Wayne Melville
David Slykhuis

Elections Committee
Stacey Britton
Richard Lamb
Rhea Miles
Rachel Wilson
Brooke Whitworth

Questions should be directed to Tina Cartwright at tina.cartwright@marshall.edu. Technical difficulties should go to John Rhea at des@theaste.org.

Regards,

The ASTE Elections Committee
On September 29 and 30, ASTE President-elect Gillian Roehrig attended the National Technology Leadership Summit (NTLS) in Washington, D.C. This meeting pulls together over 10 organization presidents, more than a dozen journal editors, industry partners, and other leaders in educational technology and teacher education at AACTE for two days of work. NTLS is convened by the Society for Information Technology and Teacher Education and presided over by SITE President, and ASTE member, David Slykhuis. Joseph South, the Director of the Office of Educational Technology for the US DOE opened the meeting updating those present on the state of educational technology and 2016 National Education Technology Plan. Gill and David were paired together on a strand examining the creation of Teacher Education Technology Competencies for teacher educators. The creation of competencies is in direct response to the National Education Technology Plan which calls for the development of “a common set of technology competency expectations of university professors and candidates exiting teacher preparation programs for teaching in technologically enabled schools and post-secondary education institutions.” (p. 37) At NTLS, Gill and David viewed a draft set of the competencies and offered input on how these could be applied to all teacher educators, specifically including science educators. You can follow the development of the competencies here. Please join us at the Technology Forum in Des Moines if you are interested in learning more.
Mid-Atlantic – ASTE Meeting News
Contributed by Rommel Miranda, Regional Director
Photos contributed by Rommel Miranda

On September 22-23, 2016, the annual meeting of the Mid-Atlantic Association of Science Teacher Education met in Gatlinburg, Tennessee. Conference coordinators Aimee Govett (East Tennessee State University), Kerry Cresawn (James Madison University), Paula Magee (Indiana University-Purdue University Indianapolis), and Matthew Perkins Coppola (Indiana University-Purdue University Fort Wayne) arranged a wonderful event on the picturesque grounds of the Edgewater Hotel and Conference Center.

The 65 attendees, which included 29 graduate students and 4 undergraduate students, had opportunities to participate in 27 paper sessions, and 14 poster sessions. The number of first time attendees was 25, and 11 states were represented (Georgia, Indiana, Kentucky, Louisiana, Maryland, North Carolina, Ohio, South Carolina, Tennessee, Virginia, and West Virginia). The number of members who paid for their registration using our new PayPal method was 50 (out of 65). The conference ended with a “Business Meeting” in which our secretary, Paula Magee (Indiana University-Purdue University-Indianapolis) took notes, while our newly elected treasurer Lisa Gross (Appalachian State University) provided the financial report. Regional Director,
Rommel Miranda (Towson University), applauded Stephanie Philip (University of Louisville), Sherri Brown (University of Louisville), and Scott Townsend (East Kentucky University) for agreeing to coordinate the 2017 Mid-Atlantic Conference in Kentucky.

We also awarded our fourth Graduate Student Presentation Award, which was a peer-reviewed, merit-based honor intended to recognize outstanding contributions to research, as well as delivery of these contributions. The winner, Kylie Swanson Hoyle (North Carolina State University), presented *Elementary Science Olympiad Coaches’ Motivations and Perceptions of the Impacts on Participating Students, School Culture, and Teaching Practices*. As the awardee, she received a certificate and $750 to travel and present her research at the 2017 International ASTE conference in Des Moines, Iowa. Notification and requirements to apply for the 2017 MA-ASTE Graduate Student Presentation Award will be submitted via the listserv (April 2017).
We would like to thank Rommel Miranda (Regional Director), Paula Magee (Secretary) and Lisa Gross (Treasurer) for their outstanding dedication, commitment to excellence, and service to MA-ASTE. We are also especially grateful and thankful for Rachel Wilson Potter’s service to MA-ASTE as treasurer over the past 3-years.

Please click on the following link to join our MA-ASTE Facebook group page: https://www.facebook.com/groups/1400991133530421/ This Facebook group page was created for the exchange of ideas and promotion of high-quality science teacher education, both preservice and inservice.
North-Central – ASTE Meeting News
Contributed by Jerrid Kruse

Thirty-two members attended the North Central region’s annual meeting in Des Moines, IA on October 6-8. The Graduate Student Award was given to Jaclyn Easter and Hallie Edgerly of Drake University for their paper on elementary teachers’ development of philosophy and nature of technology views. The meeting included a field trip to the Des Moines Bank Zoological Park, where members were given a behind the scenes tour by the zoo K-12 science education docent. Jesse Wilcox (Drake University) will take over as Director of the region and Josh Ellis (Michigan Technological University) was elected as director-elect. Janna Wieslemann (University of Minnesota) was elected as the region’s graduate student representative. The North Central region had a great time in Des Moines and can’t wait to see everyone in January!
Approximately 150 Science Teacher Educators met on Thursday October 13th, 2016, greeted by our Regional Director Dr. Jessica Riccio and our treasurer Dr. Amanda Gunning, at Regeneron Pharmaceuticals. Members toured the facilities, engaged in meaningful discussions, asked probing questions, presented academic posters and mingled with engaging and friendly colleagues.

The evening started with the generous hosts, Regeneron Pharmaceuticals offering concurrent tours of their facilities including visits to the Regeneron Genetics Center (RGC), a fully integrated genomics and drug development program, a large scale genomic modification platform called VelicoGene, the Cardiovascular Research Lab, and the Preclinical Manufacturing and Process Development (PMPD) lab where antibody production supports Regeneron’s clinical and commercial manufacturing. These tours gave participants a unique and unprecedented window into a level of science that is rarely seen.

As the new hosts of the prestigious Science Talent Search (formerly sponsored by Intel), Regeneron was happy to share their passion and excitement for scientific experimentation and discovery. Dr. George Yancopoulos, M.D., Ph.D., the founding scientist and Chief Science Officer of Regeneron graciously spoke to the group. He began by listing all of the science teachers he
had and praised everyone in the room for making the choice to either teach science or teach science teachers. He spoke of the great need our society faces in the future and how important it is to encourage passion, experimentation and engineering in all of our students.

We finished the night with seven moderated roundtable discussions through which participants rotated, generating questions that were answered by an expert panel to end the evening.
University of Alabama Noyce Summer Internship & Scholarship Program for Science Teachers

Contributed by Dennis Sunal, Program Director

The demand for high school chemistry, physics, and mathematics teachers in the USA exceeds all other disciplines particularly in the southeast, US. The University of Alabama (UA) Robert Noyce Summer Internship and Scholarship/Stipend Program is funded by the National Science Foundation and is designed to increase the number and diversity of graduating teachers certified in chemistry, physics, and mathematics teaching in grades 6-12.

The UA- Noyce Scholarship/Loan program has 3 major goals that include 1) recruitment through early teaching experiences, 2) collaborative strategies supporting and sustaining college level juniors and seniors, and 3) extensive and evolving induction for graduates of the program aimed at retaining quality teachers in chemistry, physics, and mathematics in high needs school districts.

The UA-Noyce Scholarship provides support for students seeking certification at the undergraduate, junior and senior years up to $16,000 per year, or Master’s degree level up to $17,000 for one year to teach secondary school chemistry, physics, or mathematics. Fifteen awards are anticipated to be available from now through the 2017-2018 academic year. Awards typically will be made in November and March for the following spring or fall semester.

For more information contact Dennis Sunal, program director (dwsunal@ua.edu) or Kay Flantroy, program coordinator (kflantroy@crimson.ua.edu).

Website: http://education.ua.edu/academics/ci/sci/

Facebook: http://www.facebook.com/UANoyce

Twitter: UA Noyce Scholar (@UANoyce)

Applications can be found here.

This volume reaches beyond the controversy surrounding the teaching and learning of evolution in the United States, specifically in regard to the culture, politics, and beliefs found in the Southeast. The editors argue that despite a deep history of conflict in the region surrounding evolution, there is a wealth of evolution research taking place—from biodiversity in species to cultural evolution and human development. In fact, scientists, educators, and researchers from around the United States have found their niche in the South, where biodiversity is high, culture runs deep, and the pace is just a little bit slower.

An eBook and hardcover edition of this volume can be purchased directly from the [publisher](#) and from [Amazon](#). Click [here](#) for more information on the book including individual authors as well as abstracts for each chapter.
Newsletter Information

Published four times a year by the Association for Science Teacher Education.

Issue Items due by

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

All members are invited to submit items.

Editors: Ian Binns and Mark Bloom
Email: ian.binns@uncc.edu or markb@dbu.edu

A special thank you goes out to Rommel Miranda and Ron Hermann for their work as the co-editors of the ASTE Newsletter since 2012. Thank you for all of your help in preparing us (Ian and Mark) to take on this important role.