CTETE Executive Committee

Dr. Charles McLaughlin  Past-President  
Dr. Steve Shumway  President  
Dr. Scott Warner  Vice-President  
Dr. Vinson Carter  Treasurer  
Dr. Mauricio Castillo  Secretary

CTETE Conference Reminders:

This year’s conference will be held in Baltimore, MD from March 11th through the 14th. Please mark your calendars for this event.

There will be one major change in the CTETE program of events that you will recognize as you register for the conference. After some deliberation, the Executive Committee voted to move the CTETE Awards Reception to become part of the CTETE Business Meeting on Friday afternoon of the conference. This change was made to help reduce expenses related to the conference and to provide a venue in which award recipients could be recognized by a greater number of their colleagues.

This fall the CTETE Executive Committee received a request regarding opportunities for universities to have additional venues for recruiting future graduate students during the ITEEA conference. ITEEA has kindly allowed for several tables to be part of the STEM Showcase in which universities can provide brochures and other recruitment materials for potential graduate students. Any costs for tables will be covered through the CTETE annual budget. Universities will still have the opportunity to arrange with ITEEA to have a table on the exhibit floor.

A full list of CTETE meetings and sessions for this year’s ITEEA Conference will be provided in the next CTETE Newsletter (February 2020).

Slate Needed for Executive Committee Officers

The CTETE Executive Committee is now seeking candidates for the office of Vice-President and for Treasurer. Members interested in filling these positions should contact the Past-president by December
31, 2019. Please contact Charlie McLaughlin at cmclaughlin@ric.edu for more information. The duties of each office follows:

**Vice-President:**

The Vice-President shall be elected for a term of three years.

Duties of the Vice-President: The Vice-President shall act as chairperson of the annual Conference Program Committee. The Vice-President shall be responsible for Strategic Committees of the Council as determined by the Executive Committee. The Vice-President shall consult with the President and other officers in planning the conference program. In the event of absence, resignation, or removal from office of the President, for any reason whatsoever, the Vice-President shall automatically fill the office so vacated and assume the duties and responsibilities of such an office. Such incumbency shall continue throughout the remainder of the unexpired term of office. In such event, the Vice-President may appoint a special program chairperson.

**Treasurer:**

The Treasurer shall be elected for a term of three years.

Duties of the Treasurer: The Treasurer shall receive and hold the dues and funds of the Council, be responsible for financial planning for the Council, and, if deemed appropriate by the Executive Committee, shall be under a bond sufficient to protect the assets of the Council. The methods used by the Treasurer in all matters relating to the payment of bills, depositing of funds, keeping of records, etc., shall be approved by the Executive Committee. The Treasurer shall audit for the Council any financial matters in connection with publications. The Treasurer shall be responsible for Strategic Committees of the Council as determined by the Executive Committee.

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**CTETE Award Deadlines:**

A number of CTETE award deadlines are drawing near.

*(Award proposals are due on December 31, 2019)*

[http://ctete.org/award-application-forms/](http://ctete.org/award-application-forms/)

**CTETE Outstanding Research Award** - The CTETE sponsors an annual award for outstanding scholarly research in the field of Technology and Engineering Teacher Education. This award is presented to a member or members of the CTETE who have provided significant service to the profession through research and related scholarship in the preparation of Technology and Engineering Education teachers or enhancement of professional practice in technology education. The CTETE Outstanding Research Award will consist of a framed award certificate and a monetary award of $500. Recipients of the award are asked to submit a manuscript of their work to the Journal of Technology Education. [http://ctete.org/wp-content/uploads/2019/09/2020_Call-OutstandingResearchAward.pdf](http://ctete.org/wp-content/uploads/2019/09/2020_Call-OutstandingResearchAward.pdf)

**Sylvius-Wolansky Award for Outstanding Scholarly Publication in Technology & Engineering Education** - The manuscript being nominated should make a significant contribution to Technology and Engineering Education in one or more areas such as research, curriculum development, teaching methodology, etc. The scholarly work must be an article, research report, chapter, monograph, or book published within the two calendar years preceding the nomination deadline. Edited works, for example
those that involve one or more editors and several or more authors (such as CTETE Yearbooks and special theme issues of journals), shall not be eligible for this award.


**Salinger Award Due Date is December 27, 2019** Gerhard Salinger Award for Enhancing STEM Education through Technological/ Engineering Design-Based Instruction - The award was created in honor of Dr. Gerhard Salinger, program officer at the National Science Foundation from 1989 to 2014, whose work to promote the use of engineering design activity and whose advocacy for technology and engineering education has widely influenced STEM education. This award is presented annually to an individual or team of collaborators whose work has exemplified, promoted, investigated, and/or enhanced teaching and learning in Science, Technology, Engineering, and Mathematics (STEM) through the effective application of technological / engineering design activity. The award is open to classroom teachers, university educators, school administrators, and others whose contributions are consistent with the selection criteria.

https://www.iteea.org/File.aspx?id=162641&v=6eed46b9

**Standards for Technological and Engineering Literacy (STEL) Update:**

The CTETE-initiated standards revision project is moving forward. The document, which was prepared by a team of 38 individuals that included a number of CTETE members, is currently undergoing second-round review by a team of 70 individuals chosen for their diverse expertise and perspectives. The third draft of Standards for Technological and Engineering Literacy (STEL) should be posted in the ITEEA website in January for comment and review by all CTETE and ITEEA stakeholders.

To highlight the changes, the number of standards has been reduced from 20 to eight and the number of benchmarks has been cut in half, from 288 to 143, to focus on the power core disciplinary standards T & E teachers should be teaching. In addition, eight technology and engineering contexts and eight technology and engineering practices have been identified. This two-year project should result in new 2020 standards published in the coming year.

**CTETE Committee Updates:**

**Accreditation Committee**

Dr. Paul Post has been the chair of the accreditation committee for many years and his dedication to accreditation issues is appreciated. This year Paul will be stepping down as chair of this committee but will continue to work with the committee on accreditation issues. With the transition to the revised Standards for Technological Literacy there are several tasks the committee will consider in the next CTETE work session.

**Curriculum Committee: Dr. Scott Bartholomew –Chair**

In addition to building our committee membership, we emphasized pressing questions this year. Following our review of curricula last year, we discovered that we all use the same terms but with very different meanings. Therefore, we set out to establish important questions related to these terms, and other relevant issues, we see as strategic focal points for our field. These questions will be presented and discussed in a CTETE presentation at the conference in March.
**Teacher Preparation Committee: Dr. Dan Kelly –Chair**
The goals for the Teacher Preparation and Revitalization Committee are to begin investigating models of computer science in pre-service T&E teacher education. Potential research questions include:
- Investigating what computer science content is currently being taught in T&E teacher preparation courses,
- Investigating the role of CS in Technology Education;
- Determining what CS licensing looks like state-by-state.

**Marketing Committee: Dr. Tyler Love –Chair**
The Marketing Committee worked with ITEEA to get a “Where to Earn Your Degree” icon on their home page. At the end of the list of member organizations is a link to the updated CTETE teacher preparation programs page. We also collaborated with Kurt Helgeson to identify TTE programs and explored options for providing the TETE directory information on the CTETE website or in a digital format to cut costs. Additionally, we have been working with Mark Mahoney to fix errors with the website and make it more accessible. Our remaining tasks include submitting our national TTE program analysis to a peer-reviewed journal, and reviewing each state's TTE page to fix any errors. We have been updating the TTE pages throughout the year as universities sent us their requests. Please make sure the information on your state's page is accurate and send any revisions to Tyler Love at tsl48@psu.edu.

**Research and Scholarship Committee: Dr. Fred Figliano - Chair**
The Research Monograph Series: Volume 2, created and published by the Research and Scholarship Committee, with Dr. John Wells as the editor, is available at [http://ctete.org/research-monograph-series/](http://ctete.org/research-monograph-series/).

The R&S Committee, is currently accepting applications for the Silvius/Wolansky Award and the CTETE Outstanding Research Award. Please consider yourself or a colleague for these important awards! If you missed earlier announcements, please contact Dr. Figliano at [ffigliano@troy.edu](mailto:ffigliano@troy.edu) for the nomination forms. The deadline for nominations is Dec. 31, 2019.

**Leadership Committee: Aaron Clark & Rod Thompson (Co-chairs):**
The Leadership Committee continues to work with the 21st Century Leadership group to identify and mentor new leaders in the profession. An additional task this year is to identify strategies for engaging members of TEECA with CTETE.

**Membership Renewals and Recruiting:**
Please check your membership status before the end of year so that you remain an active member of CTETE. If you know of a new faculty member who is involved with T&EE or a STEM area, please take the time to invite them to join ITEEA and the Council on Technology and Engineering Teacher Education. There are many membership benefits that speak for themselves.

**Other CTETE Informational Items:**

**CTETE Webmaster**
This year the CTETE webmaster responsibility has transitioned from Dr. Marie Hoepfl to Dr. Mark Mahoney. We recognize and appreciate the years of dedicated service by Dr. Hoepfl and thank Dr. Mahoney’s for his willingness to fulfill this responsibility.
Journal of Technology Education Editorship
With the publication of the fall edition of the Journal of Technology Education, Dr. Chris Merrill will complete his responsibilities as JTE editor. The CTETE Executive Committees joins all member of CTETE as we thank Chris for his many years of dedicated service. Dr. Annette Rose and Dr. Jim Flowers from Ball State University have graciously accepted to become the new editors of the Journal of Technology Education. We look forward to their service to the profession.

Technology and Engineering Teacher Education Directory
For many years, Dr. George Rogers has performed a dedicated service to the profession by editing and publishing the Technology and Engineering Teacher Education (TETE) Directory. With the publication of the 2019-2020 58th Edition of the directory, Dr. Rogers will transition his responsibilities to Dr. Kurt Helgeson who has graciously agreed to continue this directory. Thank you, Dr. Rogers, for your dedicated service. We keep the TETE Directory close to our desks as a quick reference to the profession.

Conference Award Winners Recognized In Kansas City:

The 2019 CTETE Technology and Engineering Teacher Educator of the Year Award

Dr. Mary Annette Rose - Ball State University

Silvius/Wolanski Outstanding Publication Award:

Dr. David Morrison-Love, University of Glasgow for:

“Towards a Transformative Epistemology of Technology Education”

Outstanding Research Award:

Dr. Andrew Hughes, California State University, San Bernardino for:

“Educational Complexity and Professional Development: Teacher’s Need for Metacognitive Awareness”

Gerhard Salinger Award For Enhancing I-STEM Education Through Technological/Engineering Design-Based Instruction:

Millersville University’s Integrative STEM Education Methods (ISEM) Program Faculty & Research Team

Dr. Sharon Brusic; Dr. Nanette Dietrich; Dr. Jason Petula; Dr. Jennifer Shettel; Dr. Scott Warner; Dr. Janet White; Dr. Charlton Wolfgang
At the CTETE Conference

Kansas City, MO 2019