January 15, 2008
Volume 1, Issue 10

# One Five

*A Council newsletter, distributed the 15th of each month*

Council on Technology Teacher Education

## From The President

As President of CTTE, I wish that everyone receiving this newsletter would be able to attend the 2008 ITEA conference in Salt Lake City. We live and work in such diverse places; annually it's nice to greet and communicate with Council colleagues face-to-face. There are so few opportunities to gather in one place . . . the annual ITEA conference provides a wonderful setting for professional and social networking.

As you might guess, this month's publication will be mostly a pre-conference issue. By the time the February issue of the ONE FIVE newsletter is disseminated, we will be only days from leaving for Utah. By the way, if you haven't registered for ITEA yet, you have a few days to get in on an "early" registration rate.

For CTTE officers, committee chairs, and all Council members headed to Salt Lake City, here are a few notes . . . .

* The "CTTE Yearbook Committee" has a dinner is Wednesday evening, February 20th. There is much to accomplish during this session, such as reviewing future proposals and finalizing plans for a 2009 publication. This is an important meeting!
* All Council committee chairs are invited to attend the CTTE Chair's Breakfast at 7:30 AM on February 21st. We would ask that you bring approximately 20 handouts of any written report (i.e., a review of the committee's past and future work).
* Every CTTE member is encouraged to attend the ITEA-CS / CTTE Yearbook Dinner on Thursday, February 21st. Tickets may be purchased using the ITEA conference registration form. This is the evening that we'll formally unveil the 2008 yearbook and also recognize the Technology-Educator-Of-The-Year.
* Three different institutions will be recognized for successfully completing the ITEA / CTTE / NCATE accreditation review during the CTTE Business Meeting at 2:00 PM on Friday, February 22nd. The committee worksession will immediately follow the formal program (at roughly 3:00 PM).
* Five CTTE poster displays will be just outside the entrance to the Tech Fest on Saturday morning.
* Finally, the list of refereed topics and presenters is included on Page #3 of this newsletter. This is an outstanding list of topics!

I hope to see each of you in Utah, at many of the events listed above.

Richard D. Seymour
rseymour@bsu.edu

***In This Issue:***

President's Message 1
Council Committees 2
CTTE Program Topics 3
CTTE News 4
'08 Executive Team 4

# 2007 / 2008 CTTE Committees

Council committee work is organized during the annual ITEA conference each spring. Work is planned, coordinated, and scheduled during the CTTE's Committee Worksession on Friday afternoon, February 22nd. In additional, committee chairs have an opportunity to report to the entire CTTE leadership team (during the Chair's breakfast). The Chair's breakfast meeting is at 7:30 AM on Thursday, February 21st.

Below are the current members of each team. CTTE members interested in joining a standing committee should contact the respective chair(s) or stop by the CTTE Business Meeting & Committee Worksession from 2:00 - 5:00 PM on Friday, February 22nd.

**Accreditation Committee**
Chair: Paul Post
Members: Vincent Childress, Gerald Day, Anthony Gilberti, James Haynie, Linda Rae Markert, Gene Martin, Michael De Miranda, John Ritz, David Rouch

**Curriculum Committee**
Co-Chairs: John Wells & Kenneth Welty
Members: Bryan Anderson, Kurt Becker, Phillip Cardon, Jim Carlson, Jenny Daugherty, Mark Doggett, Douglas Eckert, John Fecik, Jim Flowers, Pat Foster, Chuck Linnell, Len Litowitz, Stan Komancek, Ed Reeves, George Rogers, Mathias Sutton, Michael Williams, Georgette Yakman

**JTE Management Board Committee**
Chair: Michael De Miranda
Members: Brian McAlister, James LaPorte, Richard Seymour, Kendall Starkweather, George Willcox

**Leadership Development Committee**
Co-Chairs: Bill Havice & Roger Hill
Members: Matt Brinkman, Ryan Brown, Joe Busby, Hal Harrison, Brittany Hensley, Luke Herron, Ryan Jerico, Andy Klenke, Jerianne Taylor, Peter Wright, Jana Zinn

**Marketing Committee**
Co-Chairs: Melissa Morrow & Doug Wagner
Members: Jared Barrett, Tom Bell, Michael Daugherty, Scott Davis, Kurt Helgeson, Ethan Lipton, Hassan Ndahi, Scott Warner

**Research & Scholarship Committee**
Chair: Charlie McLaughlin
Members: Moshe Barak, Sharon Brusic, Marcelo Coplan, Petros Kasioloudis, John Mativo, Howard Middleton, Margarita Pavlova, Kate Pendergraft, Mark Sanders, Roger Skophammer, Mark Springston, Ken Volk, P. John Williams

**Teacher Preparation**
Chair: Vincent Childress
Members: Phil Cardon, Mauricio Castillo, Ray Davis, Jim Flowers, Lidia D. Haughey-Runkel, Chris Merrill, Annette Rose, Steve Shumway

**Yearbook Committee**
Chair: Michael De Miranda
Members: Brian McAlister, Bill Havice, Kurt Helgeson, Roger Hill, Marie Hoepfl, Linda Rae Markert, Chris Merrill, Philip Reed, Mark Sanders, Doug Wagner

## CTTE Interest Sessions @ Salt Lake City

International Technology Education Association
SALT LAKE CITY
February 21–23, 2008

"Engineering Community Initiatives in K-12 Education"
*Presenters: Mark Sanders & Michael DeMiranda*

"Classroom Assessment Tools for Technology Educators"
*Presenters: Marie Hoepfl & Mike Lindstrom*

"Curriculum Consonance in Technology Education"
*Presenter: Ryan Brown*

"Redirecting Technology Education: Engineering Design Focus"
*Presenters: Bob Wicklein & Todd Kelley*

"Elementary Majors' Self-Efficacy/Knowledge Changes STEMming from Interventions"
*Presenters: Charles Linnell & Brent Igo*

"Teaching Concerns of Pre-service/In-service Technology Teachers"
*Presenter: Mark Springston*

"Variety Among Technical/Technology Education Doctoral Programs"
*Presenters: Jim Flowers & Edward Lazaros*

"U.S. Pre-service/Licensure Technology Education Programs"
*Presenters: Chris Merrill & Brian McAlister*

"Yes, There is Research Support for Technology Education!"
*Presenters: Philip Reed, Hal Harrison, Johnny Moye, Phyllis Opare, John Ritz, & Roger Skophammer*

"Research Priorities and Gaps in Technology Education"
*Presenters: John Wells, James Carlson, Fred Figliano, & Hyuksoo Kwon*

"Professional Dispositions Begin with Pre-Service"
*Presenter: Thomas Bell*

"Bio-Related Technology: Activities to Meet the Standards"
*Presenter: Mark Nowak*

"Strategies for Integrating STEM Content: A Pilot Case Study"
*Presenters: Fred Figliano & John Wells*

"An Overview of STEM Pre-Engineering Professional Development"
*Presenters: Brian McAlister, Jenny Daugherty, & Rod Custer*

"Teaching Students and Teachers Heuristic Problem-Solving Methods"
*Presenter: Moshe Barak*

"Cognitive Processes of Students Solving Ill-Defined Problems"
*Presenters: Todd Kelley & Roger Hill*

"Test of Engineering Design"
*Presenters: Robert Wicklein & Roger Hill*

"Preferred Learning Styles and Instructional Presentation"
*Presenters: Jeremy Ernst & Aaron Clark*

"Integrated STEM Education . . . a 21st Century Bust?"
*Presenter: Mark Sanders*

*Thanks to each of these professionals for sharing their knowledge and expertise through a formal session on the CTTE program at the annual ITEA conference!*

## CTTE Yearbook Committee Request

The CTTE Yearbook Committee, under the direction of Past President Michael De Miranda, is still working with potential editors and writing team members on future yearbooks. Your help is needed!

Also, remember that CTTE really needs a book that can be used in a collegiate introductory-level class . . . so is soliciting a "best-of-the-best" chapters from the last 56 years of CTTE publications. Therefore, the CTTE Yearbook Committee is asking the Council membership to help identify the "best" chapters from past yearbooks, or more specifically the 8, or 10, or 12 chapters that could effectively introduce our organization and the profession?

Please contact Michael at Colorado State University with your ideas, yearbook proposals, or interesting in helping with a future publication:

Dr. Michael De Miranda
104 Education Building
Colorado State University
Fort Collins, CO 80523-1584
Office 970-491-5805
FAX 970-491-1317
mdemira@engr.colostate.edu

## Twenty-First Century Leader Associates Initiative

It is time to select the next cohort of *CTTE Twenty-first Century Leader Associates*. With the added support of the National Center for Engineering and Technology Education (NCETE) we are able to continue with this very important leadership development activity for a third year.

The leadership of CTTE and NCETE are encouraged to nominate potential candidates for this program. In particular, we are looking for new professionals who are 5 years or less in a university position, or doctoral students who are ABD or beyond and preparing for the professorate. Each participant will be self-nominated or nominated by another CTTE member and must agree to participate in the program for one year.

To nominate an individual, contact either Bill Havice (whavice@clemson.edu) or Roger Hill (rbhill@uga.edu) no later than the end of the day Monday, January 21, 2008.

### *2007 / 2008 CTTE Officer Team*

| | |
|---|---|
| *PRESIDENT* | *Richard Seymour (Ball State University)* |
| *VICE PRESIDENT* | *Marie Hoepfl (Appalachian State University)* |
| *TREASURER* | *Brian McAlister (University of Wisconsin-Stout)* |
| *SECRETARY* | *Phil Reed (Old Dominion University)* |
| *PAST PRESIDENT* | *Michael De Miranda (Colorado State University)* |