

Professional Development Content Sessions to Assist Science Teachers in Meeting the State's Definition of Highly Qualified to Be Offered November 18-20, 2004, at the Cool Spring Marriott in Franklin, TN Sponsored by the Tennessee Science Teachers Association

TSTA, the state's largest science teacher organization made up of K-12 and higher education teachers, is offering a series of sessions that will provide instruction in science content standards areas that go beyond what the teacher is required to teach. Teachers may choose to attend an all day workshop (six hours) on Thursday, in one of the following areas:

For Grades 6-12:

Earth Science
Biology
Chemistry
Physical Science

For Elementary:

K-5 Earth Science

**For Administration
(and Others Interested
in This Topic)**

Using Data to Make
Instructional Decisions
in Science Classrooms
(two-day workshop)

Participants who need more than six hours can continue their professional development by attending concurrent sessions on Friday in the content area they attended on Thursday. For instance, a participant who needs professional development in Earth Science can attend a six hour session on Thursday then go to concurrent sessions on Earth Science topics on Friday. Documentation forms will be provided for proof of attendance.

TSTA will also continue to offer high quality one-hour and two-hour hands-on sessions as a part of our conference schedule on Friday and Saturday. Thursday will be pre-registration six hour workshops only.

Teams of college professors and members of the Tennessee Science Curriculum Standards Committee in addition to other highly qualified teachers will be involved in teaching each content area session. Content instructors include: Dr. Jack Rhoton, Prof. of Science Education (ETSU) and Dr. Gary Henson, Assoc. Prof. Physics (ETSU) who will be teaching the 7-12 Physical Science; Biology professors Dr. Cindi Smith-Walters (MTSU), Dr. Kim Sadler (MTSU), Dr. Mary Ball (Carson Newman), and Laurina Lyle (Austin Peay), who will be teaching the 7-12 Biology; Dr. Al Hazari, Chemistry professor (UTK), who will be teaching the 7-12 Chemistry sessions; Geology professors Dr. Don Byerly (UTK) and Dr. Michael Gibson (UTM), who will be teaching the Earth Science sessions for grades K-12. The session on Using Data to Make Instructional Decisions in the Science Classroom will be led by Dr. Terry Lashley and Colleen Wallace from UTK. Participants must pre-register for these sessions. There will be a \$50 fee for each session (\$100 for the *Using Data to Make Instructional Decisions in Science Classrooms*).