Pre-Registration Form

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. TSTA conducted a membership survey last November which indicated that 72 percent to 93 percent of the teachers felt that they were not proficient in Earth, Life, and Physical Science and Chemistry. Based on this data, the workshops listed below are being offered.

The following workshops are available by pre-registration only. Pre-registration forms and Early Bird registration are due no later than September 15, 2004. Fees must accompany the pre-registration form. You must also register for the conference in order to attend these special workshops. PLEASE NOTE: THERE ARE NO OTHER SESSIONS BEING OFFERED ON THURSDAY EXCEPT THE ONES LISTED BELOW. THE MAIN CONFERENCE DOES NOT BEGIN UNTIL FRIDAY, NOVEMBER 19, 2004.

<table>
<thead>
<tr>
<th>Amount Due</th>
<th>Description</th>
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<tbody>
<tr>
<td>Early Bird Member Registration Fee ($35) (Pre-service students--$10)</td>
<td>This registration fee does not include your TSTA membership dues.</td>
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<tr>
<td>Early Bird Nonmember Registration Fee ($55)</td>
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<tr>
<td>TSTA Membership ($20) (Pre-service students--no charge)</td>
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<tr>
<td>On-Site Member Registration Fee ($50)</td>
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<tr>
<td>On-Site Nonmember Registration Fee ($70)</td>
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<tr>
<td>Awards Breakfast ($20) – Saturday morning, 7:00 a.m. – 9:00 a.m.</td>
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Thursday Sessions (Pre-registration only) November 18, 2004

Each session has a minimum of 15 participants and a maximum of 30 participants. Reading in the content area will be incorporated in each workshop (except the one for administration).

Hours for each workshop are 9:00 a.m.-4:00 p.m. with 12:00-1:00 p.m. being lunch on your own.

Earth Science for Grades 6-12 Teachers ($50) Instruction will be focused in the area of rocks and minerals. Please contact Virginia Cooter at cooterv@xtn.net or Dr. Michael Gibson at mgibson@utm.edu for more details.

Biology for Grades 6-12 Teachers ($50) Instruction will be focused on cell processes such as photosynthesis, diffusion, osmosis, DNA, etc. Cell processes was identified as the area of greatest need based on Gateway scores in Biology. More details can be obtained by contacting Dr. Mary Ball at mball@cn.edu or Dr. Cindi Smith-Walters at csmithwa@mtsu.edu.

Chemistry for Grades 6-12 Teachers ($50) Contact Dr. Al Hazari for more details at Ahazari@utk.edu.
Thursday Sessions Continued (Pre-registration only) November 18, 2004
Each session has a minimum of 15 participants and a maximum of 30 participants.
Reading in the content area will be incorporated in each workshop (except the one for administration).
Hours for each workshop are 9:00 a.m.-4:00 p.m. with 12:00-1:00 p.m. being lunch on your own.

_______ Physical Science for Grades 6-12 Teachers ($50) Topics include distinguishing between speed and velocity; force and acceleration; concept of inertia; applications of Newton's 3 Laws, relationship among force, mass, and acceleration, acid-base chemistry; balancing equations. Contact Dr. Jack Rhoton at rhotonj@etsu.edu for more details.

_______ Earth Science for Grades K-5 Teachers ($50) Instruction will be focused on rocks and minerals.

_______ Using Data to Make Instructional Decisions in Science Classrooms ($100) Participants must be present both Thursday and Friday. Contact Terry Lashley at tlashley@utk.edu for more details.

_______ TOTAL AMOUNT DUE Early bird total is $55 plus the cost of a Thurs. workshop if you are planning to attend one. (Make checks payable to TSTA.)

NAME: __________________________________________

ADDRESS: _______________________________________________________________________

_________________________________________________________________________________

GRADE LEVEL: _____ K-5 _____ 6-8 _____ 9-12

SCHOOL: _____________________________________________________________

HOME PHONE: (____)____________________ SCHOOL PHONE: ______________________

E-MAIL ADDRESS: _____________________________________________________________

Mail completed registration form and check to:

Barry Farris
2133 Williamsport Pike
Columbia, TN  38401
E-mail: farrisb@k12tn.net

Additional information can also be obtained by contacting Pat Carpenter, Program chair, at carpenterp@k12tn.net

Make your room reservations early. Call the Cool Springs Marriott at 615-261-6100. Ask for the Tennessee Science Teachers Association conference rate ($94). It is recommended that you make your reservations at least one month in advance to get this rate.

The directions to the Cool Springs Marriott are as follows: From the Nashville airport, travel West on Interstate 40, then merge left onto I-24 East; merge right immediately onto I-440 West; exit onto I-65 South; travel 10 miles and exit at Cool Springs Blvd, East #68-A; the hotel is on the left.