

**The ACS Division of Chemical Education
2007 Southeast Regional Award Winner
Excellence in High School Teaching**

Tom Boyd

**The McCallie School
Chattanooga, TN**

Tom Boyd began his career teaching chemistry and physics in the Durham, N.C. City Schools. Since 1974 he has been Science Chairperson and Chemistry teacher at the McCallie School in Chattanooga, Tennessee; teaching honors and AP Chemistry for grades 9-12. In his role as chair of the science department, he is involved with the supervision and professional growth of the science teaching staff and the development of the science curriculum.

Since 1986, fourteen of Mr. Boyd's students have been selected to attend the U.S. National Chemistry Olympiad Study Camp at Colorado Springs sponsored by the ACS Chemistry Olympiad Program. This is the largest number of students to be selected for any high school teacher in the United States. Mr. Boyd's students have also participated in the International Chemistry Olympiad to win five medals for the US; one gold, one silver, and three bronze.

Some highlights of Mr. Boyd's professional activities include:

- Committee member for the 1994, 1996, 1998, 2004 and 2006 American Chemical Society Advanced Chemistry High School exam.
- Chairperson for the 2000 and 2002 American Chemical Society Advanced Chemistry High School exam.
- Committee member of the U.S. National Chemistry Olympiad
- College Board Chemistry consultant for the Southern Region Involving one day workshops for AP Chemistry teachers
- Advanced Placement Chemistry Reader, Table Leader, and Question Leader
- Member Test Development Committee for AP Chemistry
- Instructor of summer institutes for beginning and advanced AP Chemistry teachers at the University of Alabama, Wake Forest, Fairfax VA public schools, St. Johnsbury VT and Rice University
- AP Chemistry presenter at various local and national NSTA conventions and ChemEd.
- Constructed student learning objectives for AP Chemistry for The College Board
- Writing a book for Duke University TIP program for AP Chemistry teachers
- Member National Science Teachers Association (NSTA)
- Member Tennessee Association of Independent Schools
- Mentor for Science Olympiad
- School mentor for ACS Chemistry Olympiad
- Dorm master (33 years, Mr. Boyd and his wife live in a dormitory and are responsible for dorm students)