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AETS AETS Newsletter

Vol. 36, No.1

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Editor: Jeffrey Weld, Department of Biology, University of Northern Iowa

President's Message **Changes and Challenges**

Molly Weinburgh, President

It is hard to believe that my year as President of AETS is drawing to a close. I want to thank all of you for your involvement in, and support of, AETS. An organization, like a chain, is only as strong as its weakest link. From all evidence, the links of AETS are incredibly strong and getting stronger. During the past year we have experienced changes to our organization and to science education. Change is always challenging!

You, the membership of AETS, have just voted to accept the proposed Bylaw revisions. I am very pleased to announce that an unusually high number of you voted this year. I believe that this turn out is the result of systematically involving all of you in the process. After two years of discussions at the annual conference Town Meetings and through the AETS listserve, you had ongoing input into the revision and consequently gave a resounding YES to the final version. John Penick, with the guidance of the Board, has the challenge of implementing the changes. He has begun making the changes that will be effective at the Board meeting following the annual conference. He has already put in many long hours for AETS and will put in many more before he passes the gavel!

For many of you, the changes will not be apparent because the things that we associate with AETS will still be there; conferences, journal meetings, etc. These artifacts will remain because they do not change who we are and what we stand for. As an organization, it is to promote leadership in the professional development to provide support for those involved in the professional development of teachers of science. AETS will still promote leadership and provide leadership and support look? This is the question that I

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Who are we? AETS is an organization of educators. Not just any educators but those who focus on science. Our members wear many "educator" hats; science teacher educators at the college level, staff developers at the local/state/national level, instructional material developers, and ALL others interested in promoting the development of teachers of science. The list is really too long to name each of the various forms our "educator" hat takes, but collectively we come together as AETS. Collectively, we are more than the sum of our parts. I believe

(Continued on page 2)

President's Message (cont.)

that AETS represents the combined wisdom and energy of the many types of educator who work toward improving all types of professional development opportunities for teachers of science. As such, AETS is a unique organization.

One of the goals of AETS as stated in the mission statement is to be "the primary voice for science teacher education". What does this really mean? How loudly should AETS be speaking? Where should AETS be speaking? What issues should AETS be addressing? With the overall teacher shortage facing the US and the world, what should AETS be saying about the way that teachers of science should be trained/educated? How does AETS use the wisdom of its members from the informal science arena, professional/staff development, college/university, and otherwise, to suggest realistic solutions to the many problems facing teachers of science and those who teach teachers of science? I hope that AETS will begin to take a more active role as the voice for science teacher education. Many of our states are changing the way science teachers are certified. Maybe AETS is the place for college professors, district/state staff developers, science coordinators, etc to come together to identify the major issues in science teacher education and to make suggestions for actions. It seems to me that no group is better situated for such a task than AETS. Maybe it is time for AETS to write some position papers that can be used at the local, state, and national level. Many of our members are very active in helping to identify issues and set policy as individuals. I am asking that we become more vocal as an organization. As the world changes and as AETS changes, I would like to see AETS take a more active role as the primary voice for science teachers education.

Applications now being sought for:

**Journal Editor(s) for the Association for the
Education of Teachers of Science**

The Publications Committee of the Association for the Education of Teachers of Science (AETS) is seeking applications for an Editor or Editors of the **Journal of Science Teacher Education** (JSTE). The duration of appointment is five years, beginning with a transition year in 2003 and concluding December, 2009. Thus the new Editor(s) will assume the editing responsibilities of the journal from January 1, 2004 to December 31, 2009.

The journal is published four times a year, and serves as a mechanism to disseminate information regarding research, programs, and innovations in science teacher education in the United States and abroad. The articles published in the journal represent the unique interests of the members of AETS and contribute knowledge to the field of science teacher education.

Applicants for the position must have experience in project management, publishing, reviewing documents, and word processing. The Editor or Editors are expected to be active and in good standing in AETS. A budget will be supplied that covers costs associated with the journal and some travel expenses to AETS meetings. Some institutional support is expected for the incoming Editor(s).

Applicants should submit a letter of inquiry to the Chair of the JSTE Editor Search Committee by January 30, 2002 in order to receive complete details about the position. Four full applications for the position which include: a letter of application, vita(s), and a letter of support from the Department Head or Dean are due by March 1, 2002 to the Chair of the JSTE Editor Search Committee. Contact information for the Chair of the JSTE Editor Search Committee is:

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*Science Education: Financing Scientific Literacy for Global Success***AETS 2002 International Conference**

January 10-13, Charlotte, NC

The 2002 Annual International Meeting of the AETS will be held at the Charlotte Marriott City Center January 10-13, 2002. The conference theme is *Science Education: Financing Scientific Literacy for Global Success*. The hotel is located in the heart of "Uptown" Charlotte, within walking distance to restaurants, nightlife and shopping. It is generally in the mid 50's in Charlotte during the month of January.

A block of rooms have been reserved for the AETS 2002 annual meeting at a flat rate of \$110.00 per night (+ tax). The phone number of the Marriott is 704.333.9000. To ensure the conference rate, reservations must be received on or before December 1, 2001.

For those traveling by air, Charlotte is easily accessible from Charlotte-Douglas International Airport. Seven (7) major carriers, USAirways (a major hub), United, American, Delta, TWA, Continental, and Northwest serve the Queen City. You can also fly into Greensboro, however the airport is located over 70-miles from Charlotte. As such, it is suggested that you fly to Charlotte-Douglas. The airport in Charlotte is located less than a 20-minute ride to the "Uptown" area with shuttle/limousine services available at \$8.00 each way.

Charlotte is also accessible by both bus and train. A bus terminal is located a few blocks from the Marriott and the Amtrak station is located a few miles north of the uptown area.

Four Preconference workshops will be offered from 8:30 a.m. – 12:00 noon on January 10th. The conference will officially open with a general session at 1:00 p.m. Mr. James Randi is to be the featured speaker. The conference will include over 230 concurrent sessions.

Events at the conference will include, but are not limited to the following:

- A reception on Thursday, January 10th from 6:00 p.m. - 9:00 p.m. featuring a Southern Reception Buffet, cash bar, and entertainment by the *Band of Gold*, an oldies band playing your favorite tunes from the 1950's and 1960's.
- A *Best of Brahms* concert by the Charlotte Symphony, Junichi Hirokami conducting with Anton Kuerti, piano at the Belk Theater of the Blumenthal Center for the Performing Arts Friday, January 11th. Tickets are \$24.00 each. The theater is located across the street from the Marriott.
- Women in Science (WISE) desert and Networking, 7:30 p.m. Saturday, January 12th.

In addition, information will be available for those who are interested in site seeing, or visiting one of the many area attractions (Lowes Motor Speedway, Discovery Place, Mint Museum, Raptor Center, etc.)

Registration forms are available at the AETS homepage (<http://www.aets.unr.edu>) and the "official" conference web page (<http://chemweb.chem.pitt.edu/aets2002>). The official web page contains lots of information and links to sites of interest to members, including travel, entertainment, lodging, and sessions for *AETS 2002*.

Early Registration for the conference is \$150 for AETS members and \$50 for graduate students. The registration fee includes full conference participation, general session, full conference participation, Thursday reception, Friday and Saturday continental breakfast, Friday box lunch, and Saturday luncheon.

There are many reasons to visit the city of Charlotte. The number one reason, however, is to attend the 2002 AETS Annual International Meeting!

Warren J. DiBiase

2002 AETS Annual International Meeting

January 10-13, 2002 – Charlotte, NC
The Charlotte Marriott City Center

Registration fee includes:

- Full Conference Participation • Friday and Saturday Continental Breakfasts • Thursday Opening Reception • Coffee Breaks
- Friday Box Lunch with AETS Committee and Region Meetings • Saturday Luncheon and AETS Business Meeting

Admission to sessions, meals, and reception during the conference are by name badge only. All participants are required to register. One registration per attendee. This form may be photocopied.

Name (last, first) _____ Institution

Street Address

City State/Province Zip/Postal Code Country

Daytime Phone Evening Phone E-mail

Check if: ____ First Time Attendee ____ Graduate Student ____ Vegetarian Meals ____ Request Special Assistance*

*(Nature of special assistance required)

Please indicate breakdown and total of the enclosed payment (US funds only) in the right column. **Make checks out to AETS.** (Incorrect payment will be held for additional funds at the conference).

Early Registration: If post marked by December 1, 2001	Cost	Enclosed
<input type="checkbox"/> AETS member registration	\$150.00	_____
<input type="checkbox"/> Graduate student registration (Professor's signature required** re pp. 2)	\$ 50.00	_____
<input type="checkbox"/> Non-member registration (Does not include membership dues) (NOTE: You may choose to join AETS and register as a member)	\$265.00	_____
<input type="checkbox"/> Guest/Partner registration (Meals Provided)	\$150.00	_____

Pre-Registration: If post marked by December 15, 2001		
<input type="checkbox"/> AETS member registration	\$160.0	_____
<input type="checkbox"/> Graduate student registration (Professor's signature required** re pp. 2)	\$ 75.00	_____
<input type="checkbox"/> Non-member registration (Does not include membership dues) (NOTE: You may choose to join AETS and register as a member)	\$275.00	_____
<input type="checkbox"/> Guest/Partner registration (Meals Provided)	\$160.00	_____

On-Site Registration: Available only at the conference in Charlotte		
<input type="checkbox"/> AETS member registration	\$250.00	_____
<input type="checkbox"/> Graduate student registration (Professor's signature required** re pp. 2)	\$100.00	_____
<input type="checkbox"/> Non-member registration (Does not include membership dues) (NOTE: You may choose to join AETS and register as a member)	\$350.00	_____
<input type="checkbox"/> Guest/Partner registration (Meals Provided)	\$250.00	_____

Preconference Workshops (January 10th, 8:30- 12:00 noon):		
<input type="checkbox"/> Workshop 1 - Developing Inquiry-Based Science Materials: A Guide for Educators	\$15.00	_____
<input type="checkbox"/> Workshop 2 - Making Science Accessible and Inclusive; Strategies for Methods Courses, Professional Development, and K-12 Classrooms	\$20.00	_____
<input type="checkbox"/> Workshop 3 - Scholarly Writing for Science Teacher Educators	\$10.00	_____
<input type="checkbox"/> Workshop 4 - Creating a Web Site for your Science Methods Course	\$20.00	_____

Optional Ticketed Events: **		
<input type="checkbox"/> Saturday Evening Event: WISE (Women in Science Education) Dessert & Networking, 7:30pm	\$15.00	_____
<input type="checkbox"/> Friday Evening Event: Charlotte Symphony, Best of Brahms, Junichi Hirokami conducting with Anton Kuerti, piano. Belk Theater- NC Blumenthal Center for the Performing Arts	\$24.00	_____

**For Other Area Attractions, see Official Conference Web Site, or Attractions Listing distributed at Registration Table.

TOTAL FOR CONFERENCE _____

**NOTE: REFUNDS FOR CONFERENCE MUST BE REQUESTED PRIOR TO DECEMBER 21, 2001.
AFTER THIS DATE NO REFUNDS WILL BE GIVEN FOR THE AETS ANNUAL INTERNATIONAL MEETING.**

Science Education: Financing Scientific Literacy for Global Success
AETS 2002 International Conference
January 10-13, Charlotte, NC

Schedule of Events

	Wednesday 1/9	Thursday 1/10	Friday 1/11	Saturday 1/12	Sunday 1/13
6:30 a.m.		7:00-Registration	Continental Breakfast	Continental Breakfast	Continental Breakfast
8:00 a.m.		Preconference Workshops (8:30 a.m.-noon)	Session F1 (8-9:00)	Session S1 (8-9:00)	AETS Board (8-12:00 noon)
8:30 a.m.	Session F2 (9:10-10:10)		Session S2 (9:15-10:15)		
9:30 a.m.	Session F3 (10:20-11:20)		Session S3 (10:30-11:30 a.m.)		
12:00 noon		Lunch (on own)	Session F4: Committee & Regional Unit Meetings, Box Lunch (11:30 a.m.-1:00pm)	Awards Luncheon & Business Mtg. (11:40am to 1:40p.m.)	
1:00 p.m.		General Session (1-2:15 p.m.) Break 2:15-2:30			Session F5 (1:10-2:10p.m.)
		Session T1 (2:30-3:30 p.m.) [Break- 3:30-3:40]	Session F6 (2:20-3:20) [Break- 3:20-3:45]	[Break- 3:00-3:20]	
		Session T2 (3:40-4:40 p.m.)	Regional Meetings (3:30-4:10pm)	Session S5 (3:20-4:20p.m.)	
			Session F7 (4:15-5:15 p.m.)	Session S6 (4:30-5:30p.m.)	
5:00 p.m.		Poster Session Cash bar, hors'dourves (5-6:00 p.m.)		<i>Organizational Mtg.: AETS 2003</i>	
6:00 p.m.	AETS Board Mtg. (6-10:00p.m.) Registration: (7-10:00p.m.)	Reception: <i>Band of Gold</i> (6-9:00 p.m.)	Concert: <i>Best of Brahms</i> (optional)	<i>WISE Social</i>	

**For more conference information, visit the official AETS 2002 Website at
<http://chemweb.chem.pitt.edu/aets2002/>**

AETS Awards Committee Fall Update

J. Randy McGinnis, Chair, AETS Awards Chair

The AETS committee worked hard over the summer to judge the submissions to the AETS awards (there are five categories). We are pleased to announce that the process of selection is complete, and that awardees were identified. We look forward to formally recognizing the award recipients at the *2002 annual AETS conference* in Charlotte, North Carolina. We thank everyone who submitted materials for award consideration.

On another note, a tip for AETS conference presenters preparing papers for this year's conference. It has been a longstanding feature in the AETS award guidelines to limit the paper length to 15 pages for the two paper awards (IV, Innovation in Teaching Science Teachers and V, Implications of Research for Educational Practice). This year we heard from a few researchers whose papers at the annual conference were nominated for award consideration but who decided not to submit for the two paper awards due to the need to edit their papers to fit the 15 page award limitation. We hope that if all paper writers are aware of the award page limit and use that information strategically to guide the preparation of their conference papers then more researchers will find it less of a burden to submit for paper award consideration.

AETS and the Hornets



Members attending the 2002 AETS Annual International Meeting in Charlotte on January 10-13, 2002 will have the opportunity to attend a Charlotte Hornets Home Game on Friday January 11, 2002 when the Hornets host the LA Clippers at the Charlotte Coliseum. The Hornets have offered us group rates for tickets.

Transportation to and from the game will be provided. The nature of the transportation, as well as the cost (if any) will be determined by the number of attendees purchasing tickets.

Tickets can be purchased on line at <http://groups.web.hornets.com/promo.asp?code=e200>.

A link to this site has also been established on the official conference website (<http://chemweb.chem.pitt.edu/aets2002>). This option is available up to ten (10) days prior to the game. However, we ask that you purchase tickets by December 15, 2001. Tickets will be mailed to you.

You will also have the option to purchase tickets during registration on Wednesday evening and Thursday morning (1/9, 1/10).
warren

Up-coming Conference of Interest to AETS members

Who: 17th National STS Meeting and Annual Conference for National Association of Science, Technology, and Society (NASTS)

Theme: *THE WAY WE LIVE: Can we live with what we create?*

Dates & Place: 21-23 February 2000, Inner Harbor, Baltimore

About the Conference:

NASTS was founded in 1988 at the third "STS Conference" with the objective to "act as an umbrella organization for educators, scientists, engineers, public policy analysts, public interest groups, media, and individuals interested in the impact of scientific and technological development on society, and their consequence for the training and education of a responsible citizenry." Past presidents of NASTS George Bugliarello, Robert Yager, and Russell Jones. Melvin Kranzberg, John Truxal, Rustom Roy, and James Rutherford have also been active.

The NASTS Annual Meeting is a relatively small and very personal, emphasizing dialog and connections among its diverse members. It is a unique gathering of university faculty, K-12 school teachers, engineers, ethicists, business persons, and environmentalists who are interested and committed to STS.

The conference begins Thursday night with a hosted reception and pre-conference speaker.

Friday and Saturday events include plenaries; contributed papers, panels, etc.; continental breakfast, lunch and refreshment breaks; and a Saturday evening banquet.

Registration and room: Registration ranges from \$110 for "early-bird" members to \$160 "on-site" for non-members. Room rates are \$109/night single or double occupancy. For more information, registration forms, and proposal forms, visit www.NASTS.org.



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The Association for the Education of Teachers of Science

***Promoting leadership in, and support for those involved in
the professional development of teachers of science***

AETS Newsletter

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<u>Issue</u>	<u>Items Due by</u>
Autumn	Oct. 15
Winter	Feb. 15
Spring	May 15
Summer	Aug. 15

Please send items and suggestions for best serving you to:

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