

Mission Statement: The Council for Elementary Science International promotes excellence and equity in K-8 science education.

CESI Luncheon NSTA National Convention

The Reality of Writing Children's Books



Sneed B. Collard III, Author, Missoula, Montana. (sponsored by Houghton Mifflin) Winner of the 2006 *Washington Post* Children's Book Guild Nonfiction Award, author

Sneed B. Collard, III shares how real-life experiences and education have shaped the 50+ books he's written, from *Animal Dads* and *The Prairie Builders* to *A Platypus, Probably* and *One Night in the Coral Sea*. He will focus especially on his newer books and thoughts on the place of science trade books in education.

CESI/NSTA Luncheon (purchase ticket from NSTA)

Saturday, March 29, 2008
12 noon to 2:30 p.m.
Grand Ballroom C
Westin Waterfront Hotel

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JOIN US FOR CESI SESSIONS 2008 NSTA NATIONAL CONVENTION IN BOSTON, MA CHECK YOUR CONVENTION PROGRAM

CESI/NSTA Luncheon (purchase ticket from NSTA)

Saturday, March 29, 2008
12 noon to 2:30 p.m.
Grand Ballroom C
Westin Waterfront Hotel

Science Teachers of Young Children, Early Childhood Conference (purchase ticket from NSTA)

Saturday, March 29th, 2008
Copley Marriot.

Make-and-Take

Friday, March 28, 10am-12 noon,
Boston Convention & Exhibition Center
Room 253A

CESI: Teaching Elementary Science with Everything but the Kitchen Sink!

Jeanelle Day, Cheryl Sundberg and Darlene Cookson

Session Title: CESI: 3, 2, 1 Blast Off!

Mary Lara

CESI -- Bringing Literacy & Science Together: B.L.A.S.T. for Success!

Peggy Dee and Renee O'Leary

CESI: 3 Prong Approach to Science Success

Karen Ostlund

CESI: Creativity and Variety in the Classroom

Hans Persson

CESI: Dumbledore's Transfiguration Class: Scintillating Science and Magic

from Harry Potter
Alan J. McCormack

CESI: Teaching the Nature of Science to Young Children

Judy S. Lederman

Future NSTA Fall 2008 Regional Conventions

- Charlotte, North Carolina, October 30–November 1
- Portland, Oregon, November 20–22
- Cincinnati, Ohio, December 4–6

Future NSTA National Conventions

- Boston, MA: March 27-30, 2008
- New Orleans, LA: March 19-22, 2009

ALAN MCCORMACK, CESI PRESIDENT

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*(Board of Directors
continued on page 3)*

SCIENCE TEACHING AS A PERFORMING ART

Which teachers do you remember the most? For me, it wasn't stern Miss Archibald who worried more about straight lineups and "tidyness" than learning. It wasn't Mrs. Catchpole who never took the microscopes out of the closet all year because she was threatened by the dark spectre of overly-excited students. Nor Mr. Humburger, who thought the act of opening our science textbooks was excitement enough for his nuisance set of sixth graders. I'd bet you remember a few up-tight, structure-fixated pedagogues from your "olden days," too.

I remember Ms. Brieze best. She loved science, so our fifth grade plunged into mysteries of nature almost every school day. Her science lessons almost always began with some sort of "hook" – a perplexing photograph – a mind boggling demonstration – a puzzle of some sort. This always piqued our interest and excitement. Sometimes she told us short stories with unfinished endings . . . Endings that could only be completed by concocting some sort of investigation. These explorations didn't always involve test tubes, chemicals, or Bunsen Burners, but they involved our minds and hearts in grasping with the mysterious edge of the (fifth grade) unknown. I remember making lots of messes in our quests, but we soon learned the responsibility of cleaning up without commands from above.

Sometimes our experiments consumed weeks of time; often we had several

going on at the same time. After awhile, we began to come up with our own ideas for investigations, because our own questions became "hooks." Occasionally, we became frustrated, but Ms. Brieze knew how to bring in a new mystery, or had just the right suggestion for taking new routes to problem solutions.

Maybe Ms. Brieze was a little bit "off." Sometimes she pretended to be a famous scientist and often claimed she had invisible assistants! She read stories as though she had actually experienced the adventures.

Now, I'm a little bit older, and a teacher myself. I've come to think Ms. Brieze was a pretty good actress! Think about it – aren't the greatest teachers part "ham?"



SUMMARY BOARD MINUTES

Alan McCormack, President, opened the CESI Board of Directors meeting on November 8, 2007 in Denver, CO. Minutes were read by Mary Lara, acting secretary. Minutes approved.

Alan McCormack, President, provided the following report: coordinated with NSTA concerning CESI activities at the three fall regional 2007 conventions and the 2008 national convention; obtained presenters at the CESI breakfasts at the fall 2007 NSTA regional conventions; solicited and obtained financial support for CESI Events and Projects, presented at the 2007 NSTA National Convention and 2007 fall NSTA Regional Conventions; represented CESI at the 2007 Summer Science Education Congress of NSTA in Austin, Texas and the 2007 Summer Planning Meeting of the Alliance of Affiliates of NSTA's Board of Directors; and represented CESI at the ASTE 2007 National Convention in Tampa, FL.

Judy Lederman, Past President, reported on plans for the Early Childhood Conference held on Saturday, March 29th, 2008 at NSTA National Conference in Boston. The conference is entitled: "Science Teachers of Young Children" (STYL) and will take place at the Copley Marriot. Carolina Biological will sponsor the box lunch.

Kay Atchison Warfield, President Elect, reported she: Chaired the 2007 CESI Luncheon in St. Louis, recruited past CESI President, Dr. Dee Goldston to coordinate CESI Make-n-Take during 2007 National Science Teachers Association Regional Conference in Birmingham, AL, recruited new CESI

members at the Birmingham NSTA Regional booth in St. Louis, MO, and coordinated CESI Breakfast for Birmingham NSTA Regional convention.

Hans Persson, Sweden, International Director, reported on his activities, which included: organizing three national conferences in Sweden; presenting at six international conferences in Finland, U.S.A, UK, Japan, Norway, and New Zealand, writing articles and books.

Jeanelle Day, Treasurer, reported the opening balance as of April 1, 2007 was \$9,376.96. The ending balance as of September 30, 2007 was \$11,376.60. Expenses incurred from April 1, to September 30, was \$1,990.64. Disbursements were: \$1000 travel expenses for award winners to NSTA national convention in St. Louis, MO; \$185 for incorporation expenses; \$649.36 for newsletter printing and postage; \$224.00 ICASE membership dues, and \$25 fees for Secretary of State (non-profit fee for State of Connecticut).

Cheryl Sundberg, newsletter editor, e-mailed 324 and mailed 112 the September 2007 newsletters. Additional copies for distribution at fall 2007 regional conventions were printed. Total cost for printing and mailing the 112 newsletters and additional copies for distribution at the regional conventions was \$426.75, which was approximately one third less the cost usually incurred for printing and mailing the newsletter.

Contact Information
(continued from page 2)

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For complete contact information, see CESI website.

<http://www.cesiscience.org>

CESI BREAKFAST NSTA REGIONAL CONVENTION FALL 2007



Jo Ann Vasquez, Arizona State University, presented *Magically, Mysteriously, Mystically...Maybe* at our Denver breakfast. She reminded us it is our responsibility as professionals to coach, mentor, take/offer in-service courses and workshops, attend conferences and professional organizations in order to nurture aspiring elementary science teachers and excellent elementary science leaders. She noted that of all the disciplines in our schools today, elementary science teachers and leaders are not going to magically, mysteriously and mystically appear.

Caterine Valentino, Author-in-Residence, Houghton Mifflin Company, (pictured left) presented *No Pressure, No Diamonds* for our Birmingham breakfast. With a variety of techniques, she illustrated how to nurture inquiry in K-8 students. Using rewards like plastic, stick-on jewels for exceptional papers, a light bulb over the head for great questions, and mystery bags, Valentino offered her ideas for encouraging K-8 students to think deeply about science concepts.

CESI MAKE AND TAKE NSTA FALL REGIONAL CONVENTION 2007, Birmingham, Alabama



Coordinated by former CESI President, Dee Goldston (The University of Alabama), Alabama teachers, pre-service teachers from The University of Alabama, and CESI Board members present at a Make-and-Take session. Always popular, elementary teachers took home new ideas for inquiry science lessons and shared their ideas with their colleagues.

Join us for another great Make-and Take session at the NSTA National Convention in Boston, March 2008.



OUTSTANDING AWARDS

CESI MURIEL GREEN AWARD

New Elementary Science Teachers or Pre-service Teaching Award

The Muriel Green Award recognizes outstanding new elementary science teachers/pre-service teachers. It assists them in becoming more active in the science education community. Awardees will receive a two-year membership in CESI, complimentary tickets to the CESI Annual Luncheon at the NSTA National Convention, a CESI Source-book, a CESI pin and recognition in national publications.

Eligibility and Procedures

1. Applicant must be an undergraduate senior in elementary education who intends to teach science; full-time or part-time graduate student enrolled in an academic program leading to a degree licensure, or certification in some area of science education; or an elementary teacher with an interest in science and who is in the first five years of service.
2. Applicants must be nominated by a current CESI member. The nominator must complete an evaluation form and write a letter of recommendation.
3. Return packets to insert name at the address listed below.

Nomination Procedures

1. The nomination questionnaire must be completed by the nominator. The nominator must write a paragraph or two describing why you have nominated the candidate and describing why he or she will be an outstanding elementary science teacher.
2. The candidate should write and sign a one-page essay. The essay should address three points: goals for teaching elementary science, types of methods you use in teaching science, and why teaching science to elementary students is important.

Exemplary Elementary Science Teaching Award

The Exemplary Elementary Science Teaching Award is presented by the Council of Elementary Science International, a Division Affiliate of the National Science Teachers Association, and sponsored by the CIBA Specialty Chemicals Education Foundation. The Award is bestowed annually at the elementary luncheon of the NSTA Annual Convention to an elementary teacher who has demonstrated exemplary science teaching performance by creating science materials; and/or using science materials/ and/or designing teaching plans and ideas; and/or fostering student, school, and school-community or school-wide instructional programs in science. Criteria for eligibility for the competition and procedures are described below.

Composition of the Award

The Award consists of a \$1,000 prize from CIBA

Specialty Chemical Education Foundation, 1-year membership to CESI, an expense-paid trip (up to \$500) to the NSTA National Convention, and encouraged publication of a report describing the awardee's work in *Science and Children*.

Eligibility and Procedures

1. Entrants must be full-time classroom teachers with all the responsibilities of such position. Teachers in preschool through grade six may enter. The exemplary teaching described must be the entrant's original work.
 2. A description of the exemplary elementary science technique(s), innovations, and/or program(s), not to exceed four typewritten pages, approximately 1,000 words.
 3. Provide three letters of support corroborating the description from individuals or groups who are familiar with the exemplary science teaching of the applicant.
- Supplemental sample materials, documents, and/or photographs are encouraged. Send a self-addressed, stamped envelope if you want these materials returned.

Exemplary Elementary Science Principal Award

The Exemplary Elementary Principal Award for Leadership in Science Education is presented by the Council for Elementary Science International, a Division Affiliate of the National Science Teachers Association, and Sponsored by the CIBA Specialty Chemicals Education Foundation. The Award is bestowed annually at the elementary luncheon of the NSTA Annual Convention to an elementary principal who has demonstrated leadership in the development, implementation, and maintenance of an outstanding elementary science program; supported staff development in science; promoted positive relationships between school's science programs and the community; and has been an advocate and leader for the development of science process skills and positive attitudes toward science among children, teachers, and parents. Criteria for eligibility for the competition and procedures are described below.

Composition of the Award

The Award consists of a \$1,000 prize from CIBA Specialty Chemicals Education Foundation, 1-year complimentary membership in CESI, an expense-paid trip (up to \$500) to the NSTA National Convention, and encouraged public exemplary science leadership of the applicant. Supplemental sample materials, documents, and/or photographs are encouraged. Send a self-addressed, stamped envelope if you want these materials returned.

Calendar

Entries must be received by **November 15, 2007**. Notification will be by late January. The award presentation will be at the NSTA National convention at the CESI/NSTA Luncheon.

Judging

Final judging is by a panel of outstanding science

educators selected by the Council for Elementary Science International, a Division Affiliate of the National Science Teachers Association.

Application

Applications are available at the NSTA National and Regional Conventions prior to the due date and on the CESI Web Page. Completed packets must be received by **November 15, 2007**.

No fax or E-mail packets accepted.

Eligibility and Procedures

1. Entrants must be full-time principals with all the responsibilities of such a position. Principals in pre-school through six-grade may enter.
 2. The ten questions of the exemplary elementary principal must be answered in the space provided in the application. Provide three letters of support corroborating the description from individuals or groups who are familiar with the exemplary science teaching of the applicant.
- Supplemental sample materials, documents, and/or photographs are encouraged. Send a self-addressed, stamped envelope if you want these materials returned.

Mail to:

**Kathy Horstmeyer
P.O. Box 5243
Carefree, AZ 85377**

NOTE: All awardees will write an article for the CESI Newsletter.



ENDOWED MARY MCCURDY INTERNATIONAL AWARD

The Board of CESI is pleased to announce details of the Endowed Mary McCurdy International Award. This award was set up in 1994 to commemorate Mary McCurdy who was an elementary teacher and principal from Lincoln, Nebraska who believed in the importance of elementary science education. She was a great mentor to her teachers and others with whom she came into contact.

CESI is the Council for Elementary Science International, an affiliate of NSTA (The National Science Teachers Association), and a member of ICASE (The International Council of Associations for Science Education.)

The purpose of the Endowed Mary C. McCurdy International Award is to encourage international understanding in elementary science education by providing global educational opportunities and experiences through:

- Educational scholarships
- Professional developmental opportunities
- Leadership training

Awardees may come from any country but they must meet one of the following criteria:

- Be a teacher with five years experience who has demonstrated contributions to elementary science
- Be an education student or teacher with less than 5 years of experience who has set goals to make contributions to elementary science education
- Be a school with a plan for improving elementary science whose goal of completion is set within ten years

It is the hope of CESI that, through the annual presenting of several awards, that international linkages may be established and maintained.

All awardees receive CESI membership for two years, which includes the CESI newsletters, CESI journal, and in addition, the awardees will receive CESI sourcebooks.

CENTENNIAL FUND DRIVE

We know elementary teachers often belong to a number of professional organizations, so CESI is committed to keeping membership dues as affordable as possible. CESI has recently initiated a Centennial Fund Drive for the purpose of maintaining low membership rates, expanding services, and ensuring the vitality of the organization. The Centennial Fund account will provide the stability needed to continue and expand CESI's services to teachers. The majority of contributions received will remain in an account to provide ongoing funds to the organization. Perhaps you will consider a financial contribution to CESI. Your contribution, large or small, will mean a great deal to our volunteer, nonprofit organization.

I would like to support elementary science education by contributing to CESI. Please check contribution level.

- ____ Friend \$1 - \$100
- ____ Sponsor \$101 - \$250
- ____ Advocate \$251 - \$500
- ____ Patron \$501 - \$9,999
- ____ Benefactor \$10,000 or more

Name _____

Address _____

Telephone _____

E-mail _____

Contribution Amount: \$ _____

Please send form and contribution, payable to CESI, to:
Jeanelle Day
Eastern CT State University
83 Windham Street, RM 144
Webb Hall
Willimatic, CT 06226
dayj@easternct.edu

READY-2-USE ACTIVITY —YOU CAN MAKE A RAINBOW!

CHALLENGE: Is black really black?

What do you already know? Are all washable markers the same? How do you know? What happens when a washable marker is placed in water? What happens when a washable marker is placed on a coffee filter and the tip of the coffee filter is placed in water? What happens when a washable marker is placed on a paper towel and the end of the paper towel is placed in water?

Your ideas: You and your group members will make a plan to find out if all washable markers are the same. Write your plan:

What we will need: _____

What we will do: _____

A picture of our plan:

Teacher's approval _____

Suggested Action Plan:

With a pencil, write the name of the black washable marker on the top of a long piece of filter paper (20 cm long and 10 cm wide).

Draw a straight line with a washable black magic marker 10 cm from the bottom of the filter paper.

Add water to the clear plastic cup. Make sure the water does not cover the line drawn with the magic mark.

Place the filter paper strip in the cup of water. Watch what happens to the color for about five minutes.

Teacher's Notes:

The colors in the washable, black magic marker are separated by a method called *chromatography*. Chromatography means “color writing.” The primary colors used to make the black magic marker are separated by the different color dyes are attracted to the water at different rates. Thus, the colors travel at different speeds as the water is absorbed on the paper. Size, shape, and mass of the dye molecule also play a role in how fast the each color travels with the water up the filter paper.

Dye molecules with greater attraction to water will appear at the top of the filter paper. Larger molecules generally travel at a slower rate than their smaller counterparts.

If you allow the experiment to continue, you will find the colors will mix together at the top of the filter paper.

This activity can be used to illustrate primary versus secondary colors or separation of a mixture.

For more information:

The best of wonder science, volume 2. (2001). American Chemical Society. Wadsworth: United States. pp. 49 and 55.

Tomeck, S. (2006). *Sandwich bag science: 25 easy, hands-on activities that teach key concepts in physical, earth, and life science—and meet the science standards.* Scholastic: New York. p. 24.

Submit an Activity Lesson for the CESI Newsletter!

To submit, please include the following:

- Lesson/Activity Title
- Author's Name
- National Science Education Standards addressed in activity
- General Subject Areas: e.g., Earth Science, Astronomy, Space Science, Math/Science Connections
- Appropriate Grade Level(s)
- Time Requirements: Preparation time and class instructional time
- Materials required: Include equipment and supplies
- Activity description: Include steps to complete the activity
- Reference: Include reference for the source(s) of the activity and appropriate resources such as connected children's literature.

Submit lessons to:
Cheryl White Sundberg
sundbergrc@att.net

What is CESI?

The Council for Elementary Science International (CESI) is an international professional organization for teachers (pre-K through 8th grade) who have the responsibility to teach science to children, elementary, and middle school science educators, and pre-service teachers who will become Pre-K – 8th grade teachers. **CESI Mission Statement: *The Council for Elementary Science International promotes excellence and equity in K-8 science education.*** The purposes of the Council for Elementary Science International, according to the CESI Constitution, are " ... to stimulate, improve, and coordinate science teaching at preschool and elementary school levels and to engage in any and all activities in furtherance thereof; to promote the improvement of science progress, which begins in preschool and develops in continuous and integrated fashion through grade 12 and beyond."

CESI membership includes a professional journal, newsletters, and opportunities to learn and collaborate with colleagues at breakfasts, luncheons, make and take sessions, workshops, and presentations, and mini-conferences usually held at national and regional NSTA conventions. CESI is the elementary affiliate of the National Science Teachers Association.

Founded in 1920, CESI is one of the oldest science-oriented organizations in the nation. The purpose of CESI is to promote excellence in the teaching of science in preschool through middle school classrooms. CESI has approximately 800 members, two organizational affiliates, and two states, which share joint membership. Members of the organization include classroom teachers, resource teachers, specialists, principals, researchers, and college and university science instructors (methods and content area). A Board of Directors elected by the membership governs the organization. Current dues are \$20/year. Corporate and institutional sponsors are invited.

For additional information, contact
CESI President, Dr. Alan McCormack
San Diego State University
College of Education

San Diego, CA 92182
or
amccorma@mail.sdsu.edu

The organization provides a variety of resources for the teaching of hands-on/minds-on science. CESI Sourcebooks contain teacher-tested activities, which focus on topics of interest. File Sheets are a compilation of the popular CESI Make and Take sessions from regional, state, and national conferences. Monographs and occasional papers are published as a member service and to update professionals on current research in the field and its application to elementary science. Members receive CESI Newsletters and *CESI Science*, the official journal of CESI, biannually.

CESI Awards include:

- *CESI Exemplary Elementary Science Teaching Award*
- *CIBA Exemplary Elementary Principal Award*
- *Muriel Green Awards for new teachers of science*
- *CESI Elementary Advocate Award* – presented to persons or organizations, which have provided resources leading to a national impact on elementary science education.

These awards are presented at the annual CESI/NSTA Elementary Science Luncheon at the NSTA National Convention.



Call For Presenters
GET INVOLVED in the
MAKE AND TAKE WORKSHOP
at the NSTA CONVENTION
Boston, Massachusetts
March 27-30, 2008

Council for Elementary Science International (CESI) will again sponsor the very popular **Make and Take Extravaganza workshop** at the 2008 NSTA Convention. If you are interested in being a presenter, please return the form below by **February 15, 2008**. You will be notified of acceptance by email or fax no later than March 5, 2008.

Name	School/Institution
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City	State or Province	Zip
------	-------------------	-----

School Phone #	School Fax #	Home Phone #
----------------	--------------	--------------

Home Address		
--------------	--	--

City	State or Province	Zip
------	-------------------	-----

Email Address		
---------------	--	--

Activity Title:

Description of your Workshop Ideas:

How will the presentation integrate the National Science Education Standards?

E--mail form to:
 Dr. Betty Crocker
crocker@unt.edu or

Dr. William Joseph Sumrall
Sumrall@olemiss.edu

Please Note:

All presenters will receive and be required to sign an NSTA Safety Information Sheet. If the Safety sheet is returned before the Program publication deadline, then the presenter's name will be included in the convention program

COMING SOON!

NEW CESI WEBSITE

Coming Spring 2008, CESI website will be redesigned with you in mind. More features will be available to the membership including online membership renewal, back issues of recent CESI newsletters, professional development opportunities available and so forth.

CESI LIST SERV

Join the CESI listserv and be able to collaborate with other professionals about issues in science education, share teaching ideas, or bounce ideas to one another. The LIST SERV acts as a source for announcements for CESI business and information. The listserv is a free service to all current CESI members.

In order to subscribe to the CESI list send
E-mail to:

*majordomo@unr.edu

*no subject

*Message text: subscribe cesi-l (lower case L as in LAVA)

*Please no signature files with this initial message

Note: If your E-mail address has changed, please notify CESI using the above E-mail address.

THE JOURNAL FOR ELEMENTARY SCIENCE

CESI Science (The Journal for Elementary Science Teachers) is accepting manuscripts. The journal is seeking manuscripts/articles in two categories:

1. **Research in Elementary Classroom** – qualitative, quantitative, or action research dealing with elementary classrooms and science. Classroom teachers are especially invited to add to this section using research from their own classrooms.
2. **Best Practices** – Lesson ideas that center around standards, learning cycles, and content science for the elementary classroom utilizing inquiry, discovery, or guided discovery models of instruction. We will be using the general learning cycle format for activities submitted

***Introduction/Background**

Standards connection (and lesson objective)

***Exploration** – the steps of the activity

***Concept introduction** – the

science content for the activity

***Concept application** – extension activities dealing with the lesson and content

***Assessment** – include any formative or summative assessment procedures

***Closure and management tips**

***References**

Along with these two areas, the Journal also features an editorial by one of the editors, the President's message, a column dealing with children's literature and science, and a column dealing with best classroom science management and/or problems based upon subscriber letters.

Three reviewers from an editorial board of 12 members will review manuscripts. Manuscripts will be reviewed and commented on within three months of submission date.

^-+Manuscripts will be:

1. Accepted as is for publication
2. Accepted based upon revisions of the author
3. Rejected, but asked to resubmit once major revisions have been completed
4. Rejected for publication

NOTE: Science educators, please encourage graduate students to submit manuscripts.

Manuscripts/activities must be submitted on computer disk or via E-mail to:

Chris Ohana
Western Washington University
MS 9090
Bellingham, WA 98229
Chris.Ohana@wwu.edu



BOARD ELECTIONS

VOTE FOR 2 BOARD MEMBERS

DeLene Hoffner has been an elementary teacher for over 20 years. As a classroom teacher, she has taught every grade K-4th grade. Currently she is a full time science teachers for K-5 grades. On the side, she instructs adult learners as a Project Wild /WET/Learning Tree, science kit, and preservice teacher instructor. In 1999, she was honored by President Clinton with the *Presidential Award for Teaching Excellence in Elementary Science*. For NSTA she has served on two national science committees; Preschool/Elementary Science Teaching advisory board and Toyota Tapestry Grant committee. For summer fun, DeLene is the co-director of the Junior Naturalist Leader for Family Nature Summits where she leads groups of children on week-long outdoor adventures. She believes teachers are the foundation for learning. In all she does she is guided by “what is best for kids!”

As a board member for CESI, her goals are to support teachers in their journeys of excellence in instructional practices, to let the public know what great science teachers we have in our country, and to connect teachers internationally to synergize with one another. We are all in this together! We ARE doing a fantastic job teaching science- let’s continue to share what works, learn from each other, and build a international community of learners!

Lisa H Mackey ,Position Statement, Greetings, CESI members! I am writing to you to establish my intent to seek a position on the Board of Directors for the Council for Elementary Science International. I am currently an Elementary Science Consultant at the North Carolina Department of Public Instruction in the Curriculum, Instruction and Technology Division.

Being a board member for the CESI would be a wonderful opportunity to be a leader and a learner in science education reform on the state, national and international level. I am interested in collaborating with science educators and stakeholders who are committed to investing in science teachers and science teaching. As the state elementary science consultant, a unique opportunity exists for me to do the work of CESI in that I am visible and accessible to elementary teachers and administrators throughout North Carolina because of my job. This exposure provides great potential for me to promote and extend the good work of the council to a typically underrepresented population—elementary science teachers. The influence and access that I have can bring awareness, foster involvement, and help increase membership in CESI.

The credibility of my position, my National Board Certification, and my current MSA work at Campbell University will

allow me to be a great representative for CESI. I relish the chance to serve this organization, and by association the teachers and students across the nation. Thank you in advance for your consideration.

Dr. (Lady) Sue Dale Tunnicliffe graduated with special honors in zoology at the London University and trained as a teacher at London’s Institute of Education. She has taught for over 35 years from 3 year olds to university undergraduates, worked internationally and published many research papers in science education. She was Curator of Education at the Zoological Society of London, worked at the BBC and studied for her PhD in science education at King’s College, London. Her thesis was entitled “Talking about animals: studies of young children in zoos a museum and a farm.”.

She has written and spoken widely, particularly about primary science and zoo and museum visits. A former school inspector for the office of standards is now a researcher and Science Education tutor at the University of London. She has served in the on the board of the Council for Elementary Science International. She is also a Youth and Adult Magistrate (JP). Her husband is a working peer in the House of Lords.

SECRETARY ELECTED BY PROCLAMATION

Mary Lara ran unopposed and is declared secretary by proclamation.

Vote electronically by clicking on (or typing in) the URL below:

<http://cit3.easternct.edu/websurvey/TakeSurvey.asp?PageNumber=1&SurveyID=65M7p75Km69MK>

Nominate An Outstanding K-6 Mathematics or Science Teacher for the 2008 Presidential Awards for Excellence in Mathematics and Science Teaching Program

Online nominations are now open for the 2008 Presidential Awards for Excellence in Mathematics and Science Teaching program, marking the 25th anniversary of this award.

Administered by the National Science Foundation on behalf of the White House, this is the highest honor in the Nation that teachers of mathematics or science may receive for outstanding teaching in their respective fields. Since 1983, more than 3,700 teachers from the 50 States and 4 U.S. jurisdictions (American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands) have been selected to join the dynamic network of Presidential Awardees. The network serves as a vital resource for improving science, technology, engineering, and mathematics education and helping to keep America globally competitive.

Visit www.paemst.org for eligibility requirements, nomination guidelines, and application information. The deadline for nominations is March 1, 2008. Completed applications are due May 1, 2008.

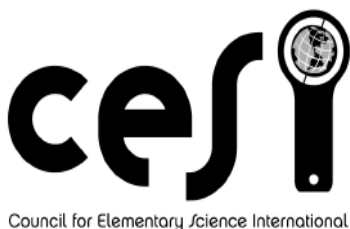
This year, the call is for elementary school teachers (kindergarten through sixth grade) to compete for this prestigious award. Award recipients receive:

- A citation signed by the President of the United States
- A paid trip for two to Washington, DC, to attend a weeklong series of recognition events and professional development opportunities
- A \$10,000 award from the National Science Foundation
- Gifts from program sponsors from around the country
- The chance to build lasting partnerships with colleagues across the Nation

Nominate yourself. Nominate a colleague. Encourage others to nominate outstanding teachers!

www.paemst.org

Secondary school mathematics and science teachers (7th through 12th grade) are eligible to apply in 2009



CESI Membership Form

Council for Elementary Science International



TO REQUEST AN ELECTRONIC VERSION OF THIS FORM E-MAIL sumrall@olemiss.edu).

This is a: New Membership Renewed Membership

NAME: Title _____ First _____ Middle Initial _____ Last _____

POSITION: (circle)

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Teacher Retired Principal Sponsor Student Other

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MEMBERSHIP CATEGORIES: (check one)

<input type="checkbox"/>	Life Membership	\$200
<input type="checkbox"/>	General (US & International)	\$20/year
<input type="checkbox"/>	2 Years (US & International)	\$36
<input type="checkbox"/>	5 Years (US & International)	\$90
<input type="checkbox"/>	Retired	\$10/year or \$18 for 2 years
<input type="checkbox"/>	Student	\$10/year or \$18 for 2 years

AMOUNT ATTACHED US Currency Only (circle) \$10 \$18 \$20 \$36 \$90 \$200

DATE YOU WANT TO BEGIN MEMBERSHIP _____

CESI Newsletter

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