

Iowa Academy of Science

The New Bulletin

Volume 8 Number 2 Summer 2012



The Iowa Academy of Science is established to further scientific research and its dissemination, education in the sciences, public understanding of science, and recognition of excellence in these endeavors.

Message from the Executive Director

Welcome to the summer online issue of the Iowa Academy of Science 2012 New Bulletin. In the summer of 2006 the Academy began publishing an electronic only version of the Bulletin. There are good reasons to put publications in the hands of members but we also must weigh those reasons against paper, printing, staff and mailing costs. Did you know that all IAS Bulletins, including those that are mailed, are made available on the IAS website? Please let us know your thoughts about electronic versus paper versions of the IAS Bulletin.

It is gratifying to see the number of IAS members who are actively involved in advancing the Academy mission in Iowa. Whether working within the Academy or with programs or initiatives sponsored by other organizations, businesses, or state government many IAS members devote their time and expertise working with students, volunteering on local or statewide committees, or educating the public.

If you would like to become more involved in the Academy I would encourage you to do it. The Academy offers opportunities to serve on committees, within Academy sections, or on other Academy initiatives. A great way to get involved is to attend the ISTS Fall Conference in October or the IAS Annual Meeting next April. These meetings offer many opportunities to get to know your fellow Academy members. Information about both of these conferences is on the Academy website. You may contact the IAS office, any member of the Board of Directors, or your section leadership to learn more.

Finally, thank you for supporting the mission of the Academy. We look forward to seeing you at an Academy event. I know we say a lot about gaining new members but it cannot be over emphasized. Please take the time to encourage your non-member colleagues to join the Academy. The benefits to Iowa are many especially if Iowa's STEM community works together. There is no better place for that to happen than in the Iowa Academy of Science.

Craig Johnson, Executive Director

Iowa Science Teaching Section Elections

Paper ballots were mailed out to members of the Iowa Science Teaching Section on July 13th. Section members will select a new Vice Chair, Secretary and Treasurer. ISTS Section members mail vote by marking their paper ballots and mailing the ballots into IAS or on-line by opening the link: <http://www.surveymonkey.com/s/ists2012> and submitting the ballot code printed on their paper ballot. Voting is open until September 1st to allow ISTS members with a school mailing address adequate time to vote.



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Journal of the Iowa Academy of Science

JIAS is currently soliciting papers for Volume 119. The Journal considers several types of contributions from disciplines represented by sections of the Academy including formal research with no minimum or maximum length; reviews or annotated bibliographies; and papers on science teaching. Previously copyrighted material will not be considered.

A checklist and submission form is available on the IAS website:

www.iacad.org



OUR STUDENTS, OUR FUTURE:

the social responsibility to effectively teach science



Iowa Academy of Science • Iowa Science Teaching Section

October 15 & 16, 2012 • Scheman Center • Ames, IA



The New Bulletin is a publication of the Iowa Academy of Science and is distributed to current IAS members 3-4 times per year.

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also available online at:
<http://www.iacad.org>

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Article Submission: The deadline for submission of articles for Vol. 8 #3 is Sept. 1, 2012. Articles must be pre-approved. For more information contact Craig Johnson, IAS Executive Director, at craig.johnson@uni.edu

Advertising Rates: request advertising information from iascience@uni.edu



www.iacad.org

Announcements, Events & Deadlines

ISTS Fall Conference

October 15 & 16, 2012
Scheman Center on the ISU Campus, Ames

Abstract Submission Due, IAS Annual Meeting
February 8th, 2013

Advance Registration Deadline, IAS Annual Meeting
April 5th, 2013

135th Annual Meeting of the Iowa Academy of Science

April 19 & 20, 2013
Simpson College Campus, Indianola



Do you have know of an event that should be listed in here? Contact iascience@uni.edu and let us know!

Specify where your IAS donation goes...

Iowa Academy of Science General Fund—Funding the day-to-day operations of the Academy. IAS Membership Dues do not account for all of the funding required to pay staff, publish newsletters and other member mailings, maintain the website, pay phone bills, etc. Until the Iowa Science Endowment is large enough to support the regular activities of the Academy, additional funds for general activities must be sought. If you do not select a place to allocate your donation and you donate less than \$250, your donation will be placed in this category.

Iowa Junior Academy of Science Endowment—The Iowa Space Grant Consortium provides \$6,000 to support the IJAS Annual Meeting Competition and awards for 2010. In return the Academy must raise a matching \$6,000 to provide long-term support for IJAS. Donations made specifically to IJAS and proceeds from the IJAS Silent Auction contribute to the Academy's match.

Iowa Junior Academy of Science Starr Student Research Grants—IAS provides \$1,000-\$2,000 in small grants to individual middle and high school students to support their science fair projects. The Student Programs Committee provides additional support to these students through grant proposal feedback and matching students to scientist mentors.

Iowa Science Teachers Fall Conference—Iowa's Largest gathering of Science educators. The Iowa Science Teachers Section of IAS raises their own funds to put on this conference each year. Donations to ISTS will assist in bringing in guest luncheon speakers and other event programming.

Iowa Science Endowment Fund—This fund was established to secure the long term financial success of the Academy. Donations of \$250 or more that are not designated specifically for other projects are automatically placed into this fund. A portion of the annual growth of this fund may be used by the IAS Board for IAS projects including general expenses.

Benchmark Fund—IAS uses the Benchmark fund to develop additional revenue for the Academy. The benchmark fund pays membership brochures and other promotional materials and activities.

Iowa Academy of Science Saylorville Lake Summer Speakers Series

2012 Speaker Schedule

June 9th

Guardians of the Night - Why Iowa bats could go extinct and how this will affect you. Ron DeArmond, CEO of Pella Wildlife Company.

July 7th

Frogs and Agriculture: It can be Tough to be Green, Paul Bartelt, Waldorf College

July 14th

Weather Watching for Children and Adults, Craig Johnson, IAS Executive Director

July 28th

Threats to Biodiversity: Invasive Species, Tom Rosburg, Drake University

August 4th

Gladys Black: The Legacy of Iowa's Bird Lady, Larry Stone, LarryStonesIowa.com

August 11th

Jurassic Jumble-Waugh Quarry, WY, Bill Desmarais, Former Science Teacher, Washington HS, Cedar Rapids

August 18th

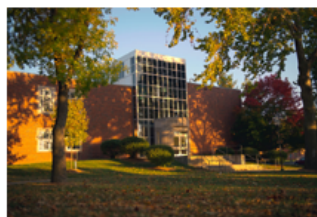
Iowa Rocks, Katharine McCarville, Upper Iowa University

All presentations are scheduled on a Saturday afternoon in the theater of the Visitor Center beginning at 2:00 pm. Admission is free.

REAP-CEP Funds Project WET Preservice Workshops

REAP-CEP will fund professional development workshops for 320 Iowa preservice educators in 2012-2013! Participants will experience activities about watersheds, the watercycle, and management of natural resources, explore connections across subject areas and practice assessment and adaption strategies for different audiences. They will join over 4,500 past Project WET Iowa participants! Thanks REAP-CEP for making these workshops possible!

Save the Date



**SIMPSON
COLLEGE**

125th Annual Meeting
of the
Iowa Academy
of Science

April 19 & 20, 2013
Simpson College
Indianola, Iowa



Invest in Iowa

Our Outdoors
Our Heritage
Our People

Resource Enhancement And Protection

Call for Papers Open Soon

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