



INDIANA ACADEMY OF SCIENCE NEWSLETTER

Number 131

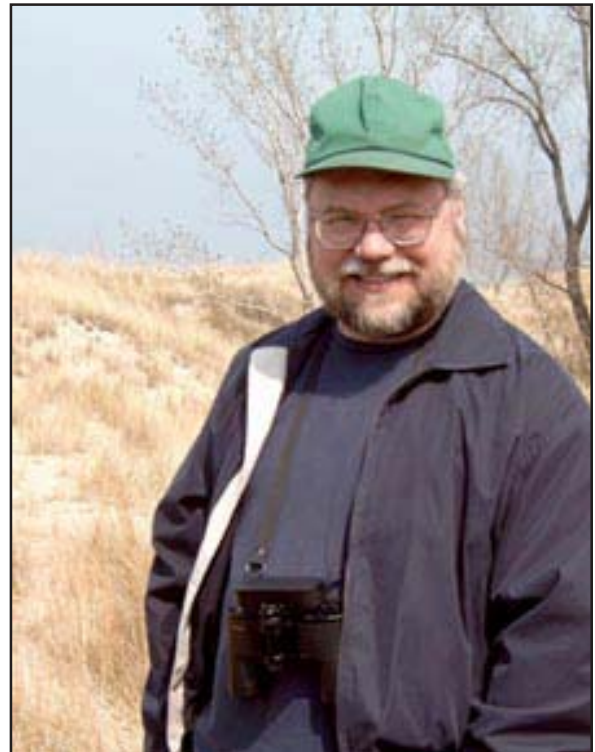
March 2007

A Note from the President's Corner

Spring is on its way! As I write this article on March 1, spring is on its way even here in NW Indiana. The ice and snow are melting. Earlier today I saw an early migrant bird. The IN-BIRD mailing list has been reporting water-fowl migration for a while. It's a good time to think about coming to the IAS Spring Meeting that will be held on Friday and Saturday, April 13 and 14 at the University of Indianapolis. We will hold the Executive Committee Meeting at 2:00 pm on Friday and the Council Meetings at 2:30 pm. We will have our dinner and guest speaker in the evening. Thanks go out to **Nelson Schaeffer**, our own Executive Director, who has volunteered to lead a geology field trip to the Harding Street Quarry. Thanks also go out to **John Langdon** who has done the work at the University of Indianapolis to host our meeting. You'll find more information later in the newsletter.

The Natural Heritage of Indiana: WFYI in Indianapolis is working on an exciting documentary project called *The Natural Heritage of Indiana*. This is based upon the landmark book by **Marion Jackson**. Our sponsorship of this project began under the wonderful leadership of Claire Chatot. Then in December, the IAS Budget Committee voted to become a major financial contributor to the project. Look for the first episode to air this fall.

How can the IAS become even better? I asked this question in the last newsletter. Thank you to those who responded. Two suggestions that arose were to increase our connectedness to Indiana businesses and to other Indiana science organizations. Do you have a tie in either of these two areas? Then can you help us to grow in this area? Please contact me if you can help. And, let me know if you have additional ideas as to how we can expand the IAS to be and even stronger organization. I want to hear your ideas. Send them to me by e-mail at jhschutt@tayloru.edu or give me a call at 260-744-8624.



John Schutt, 2007 IAS President

Technical Initiatives: This fall we will continue to sponsor Technical Initiatives for academy sections who wish to enhance their fall meeting experience. These are awards of approximately \$200 to help a section bring in a keynote speaker for the section meeting or plan an additional activity that will help increase interest in the fall meeting. If you are a section chair and interested in this initiative, e-mail your suggestion to me at jhschutt@tayloru.edu.

Can you tell someone else about our great organization? Let's share the good word about the IAS to someone else.

With gratitude,
-- **John Schutt**
2007 IAS President

**Spring Meeting of the IAS
University of Indianapolis
April 13-14, 2007**

Schedule of Events

Friday, 13 April:

2:00 - 4:00 pm Business Meeting, Schwitzer 011

5:00 Dinner, Trustee's Dining Room, Schwitzer Center

**Speaker: Dr. *Stephen P. Nawrocki*
Departments of Anthropology and Biology
University of Indianapolis**

“Forensic Anthropology in the Hoosier State”

Saturday, 14 April:

**Geology Field Trip to the Harding Street Quarry
Arranged by Nelson Shaffer**

**Botany / Bird-Watching Field Trip to Eagle Creek Park
Arranged by Roger Sweets**

**For directions and campus map, go to
<http://www.uindy.edu/maps/>**

Great News for High School Student Research

The good news is that the amount from AAAS for grants to high school students has been restored to the \$1500 level. We appreciate the extra financial resources with which students can make significant progress in their experimentations. As the science fair season is in full gear for the Indiana Regional Science Fairs in February and March, it is possible to see the benefits of external funding to help students perform higher level projects. Two of my own students simply would not have the science projects that they have done without the help of the Academy. I am proud to say that both were winners in the county science

fair and will move on to their regional science fair. One of the students won scholarship/savings bond money at an amount over three times the amount of his grant. He was so excited!

I would like to express my appreciation to **Clare Chatot, Jennifer Metzler, Rick Kjonaas, and Jeff Hughes** for their assistance in providing data and/or reviewing the grant proposal.

-- Patty Zeck
zeckp0@aol.com
765-453-1749

INDIANA ACADEMY OF SCIENCE
 Spring Meeting, April 13-14, 2007
 University of Indianapolis, Indianapolis, Indiana
Registration Form

Name* _____

Institution _____

Address _____ Phone () _____

City _____ State ____ Zip _____

E-mail address _____

No.		Total
_____	Friday night dinner	\$15.00
_____	Field trip fee	\$ 5.00
	Total enclosed	_____

* If more than one person is registering, include names of others on the back of this form.

Field trip preference (check)

- Geology Field Trip to the Harding Street Quarry
- Botany Field Trip to Eagle Creek Park

Membership status (check one)

- Member
- Student Member
- Emeritus Member
- Nonmember

Make Check Payable to *Indiana Academy of Science*

Mail completed registration form and check to:

Edward Frazier, Treasurer
 5007 West 14th Street
 Indianapolis, IN 46224-6503

Please return by April 6, 2007, if you plan to attend the Friday night dinner. Thank you.

**INDIANA ACADEMY OF SCIENCE
CALL FOR CANDIDATES**

The Nominations Committee asks for your suggestions and recommendations for proposed nominees for elective offices of the Indiana Academy of Science. Recommendations for nominees should reach the committee by May 1st, 2007. The terms of service begin January 1, 2008. The three positions to be filled by election in 2007 are:

- President-elect - 1 year term {serves as President in 2009 and on Executive Council thru 2010}
- Member of the Research Grants Committee - 5 year term
- Member of the Academy Foundation Committee - 3 year term

Please take a moment to consider members of the Academy who have ability to serve effectively in these positions. Encourage them to be considered for nomination. Make your recommendation by completing the following items:

A. Name of person recommended _____

B. Recommended for office of _____

C. Signature of two Academy members in good standing for 2007, who endorse this recommendation

1. _____

2. _____

D. Statement of recommended candidate: I am pleased to be considered for nomination to the position of _____ in the Indiana Academy of Science.

If elected, I agree to serve to the best of my ability.

Signature _____ Date _____

E. Please send this copy, with candidate's up-to-date *curriculum vitae* to **K. Michael Foos**, Whitewater 273, Indiana University East, Richmond, IN 47374, before May 1, 2007.

Workshops for the Fall Meeting

The Biodiversity and Natural Areas Committee is still in the process of arranging workshops for the Fall 2007 meeting at the University of Indianapolis. We have, however, made arrangements for a workshop on freshwater mussels of Indiana. Additional workshop will be scheduled and advertised in future issues of the IAS Newsletter. Below is information for the mussels workshop hosted by Brant Fisher.

FRESHWATER MUSSELS OF INDIANA WORKSHOP BY BRANT FISHER

Freshwater mussels are one of the most endangered and interesting group of aquatic organisms inhabiting Indiana's rivers, streams and lakes. Of the 77 native species, almost half are either extirpated or in some sort of peril. An over-view will be provided on freshwater mussel life history, their current status and

distribution in Indiana, the reasons for their decline and measures for reversing this trend. An introduction to the characteristics that help identify this diverse fauna will also be presented. So, if you have never met a Wabash pigtoe or don't know what makes a threehorn wartyback unique, then plan to attend this workshop.

SPACE: A JOURNEY TO OUR FUTURE

"SPACE: A JOURNEY TO OUR FUTURE" is created to ignite the desire for space exploration and discovery among student and families, sparking imaginations and inspiring new generations of explorers to dream of the possibilities that lie ahead.

"SPACE" reintroduces audiences to generations of dreamers and thinkers, demonstrating how they have at times risked their lives to give the world a better understanding of who we are and how we fit into the universe around us. Most importantly, visitors will meet today's explorers, and learn how these people are working to understand more about the planet, how to protect it, and how to increase our understanding of the beginning of the universe and what life exists beyond Earth.

"SPACE" is made possible by General Motors and Lockheed Martin. The exhibit will be hosted by the Indiana State Museum March 3, 2007 through September 16, 2007. Please visit www.indianamuseum.org or call **317-232-1637** for more information.

-- Peggy Fisherkeller
Curator of Geology
Indiana State Museum
317-232-7172
www.in.gov/ism/

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Deadline for submission of material for the June issue of the IAS Newsletter is May 20, 2007

Send copy to Donald G. Ruch at druch@bsu.edu

For IAS information, go to: www.indianaacademyofscience.org