



# INDIANA ACADEMY OF SCIENCE NEWSLETTER

Issue 172

September 2019

## Note from the President's Corner



I started my PhD at Indiana State University in 1997 and I was encouraged to join the Indiana Academy of Science by the faculty in my department and have been a member (with a brief hiatus) since. The Academy has given me the opportunity to receive external funding to support my research and the research of undergraduate students in my lab. In addition, the Academy has provided me with the opportunity to develop leadership skills which have been critical in my academic career. Finally, the annual meeting has been a wonderful place to meet scientist from around the state. It is always a great experience to meet new people and re-connect with old friends. My training in evolutionary biology and animal behavior fit in well with the expertise of other scientists in the Academy. I've worked with organisms from the desert southwest and species local to Indiana such as the endangered Karner blue butterfly in the Dunes National Park. In my current role at Purdue Northwest I spend more of my time introducing undergraduates to research than I do in the field collecting my own data. Mentoring students has been one of the best parts of my job!

As the Academy moves into the future I see changes that will make us greener and more engaged on social media platforms. Printing fewer documents is a smart use of Academy resources. It is also better for the environment and I look forward to moving in this direction. We have hired a social media intern who will be working on making the Academy visible across multiple social media platforms. The next time you are on Facebook take a moment and like the Academy's Facebook page by searching for Indiana Academy of Science. If you have an idea for a post, please send me an email. I'm looking forward to a great year.

Vanessa Quinn  
President, Indiana Academy of Science

## INSIDE...

Updates to the IAS website .....	2	Awards nominations .....	4
Membership renewal reminder .....	3	Other events.....	4
Senior Research Grants deadline .....	3	Remembering Marion Jackson.....	5
Annual meeting news.....	3	Marketing opportunity.....	6
High school science education pilot program .....	3	Community grants initiative .....	6
Seeking presenters for <i>Beyond Boundaries</i> .....	3	Newsletter updates.....	7

## Updates to the IAS Website

Marcia Moore, outgoing webmaster

Over the summer the Academy website was updated with new features that will make it easier for members to conduct business. Some of the highlights are:



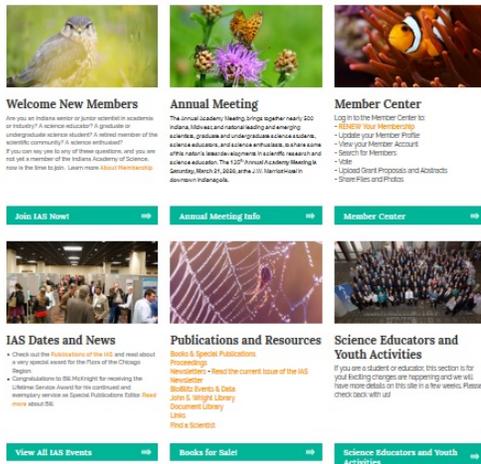
- A “Receipt” column for Membership Payments, Event Registrations, and Book Orders has been added to your Member Center. Now you can log in and obtain a receipt for any transactions and no longer need to request this from the Academy office or the website administrator.

- Changes to the Annual Meeting page should make registering and paying to attend the Annual Meeting easier and more streamlined. In addition, if you upload an abstract, you will receive a confirmation email for this and instructions about who to contact if you have questions.

- Submission Received Email for Senior Grants Proposal will now be sent to you if you have submitted a proposal for the current grants cycle.

- The “Reset my Password” Link will now be valid for 24 hours for the new password sent to you. Keep in mind however that this link ONLY works if your membership is current. If the membership is expired, then you should contact the website administrator by submitting a request through the “Contact Us” link at the top of the Academy website home page.

- Memberships expire every year at midnight December 31<sup>st</sup>. Other “behind the scenes” updates will make the website much easier and faster to use.



If you experience any difficulties using the site please use the **Contact Us** link at the top of the home page. This will give you the quickest response to your issue.

Finally, in September I am stepping down as Academy Website Administrator. It has been a pleasure and a privilege to serve the members of the Academy over the past four years in this capacity. Taking my place will be **Sarah Mordan-McCombs** of Franklin College. We have been working together the past few months to make this transition as seamless as possible. Sarah will do an excellent job for you! Thank you for the opportunity to be your Website Administrator.

📅 MEMBERSHIP RENEWAL REMINDER 📅

It is time to think about renewing your membership for 2020. Membership is easily renewed on line at <http://www.indianaacademyofscience.org>. Renew now to avoid end-of-the-year membership expiration.

💰 SENIOR RESEARCH GRANTS DEADLINE 💰

September 15 is the Fall deadline for receipt of senior research grant proposals from the membership. Go online at <https://www.indianaacademyofscience.org/research-grants/senior-research-grants> to get the specifics.

👥 ANNUAL MEETING NEWS 👥

The 135<sup>th</sup> Annual Academy Meeting is **Saturday March 21<sup>st</sup>**. Plan to present at this meeting. Instructions can be found on the Academy Website after October 1.

Speaker recommendations (Luncheon speaker, *Hot Topic* speaker or Workshop facilitator) for the 135<sup>th</sup> Annual Meeting are being solicited. Please share your recommendations. Academy president Dr. Vanessa Quinn and the Academy Council will be identifying a Luncheon Speaker in short order, so please send along your recommendation as quickly as possible to the Executive Director at [execdir@indianaacademyofscience.org](mailto:execdir@indianaacademyofscience.org).

💡 HIGH SCHOOL SCIENCE EDUCATION PILOT PROGRAM 💡

The Academy is gearing up for a pilot science program with high school science educators in partnership with the Indiana Department of Education, to begin in October of this year. We will be inviting our industry and college/university faculty senior scientists to join us from throughout the state. Look for more information on this in the coming weeks. Those senior scientists who may be interested in participating in the 2019-2020 pilot & would like more information, please contact Delores Brown at [execdir@indianaacademyofscience.org](mailto:execdir@indianaacademyofscience.org).

💡 SEEKING PRESENTERS FOR *BEYOND BOUNDARIES* 💡

The Academy is one of the partners presenting *Beyond Boundaries* on April 3, 2020 at the Indiana Convention Center with Indiana University. The Academy will offer the Indiana community a full day of science topics, and want your participation. Please join with your colleagues in offering a *hot topic* or workshop at this event. We have four slots still available to fill. Please contact IAS Executive Director Delores Brown at [execdir@indianaacademyofscience.org](mailto:execdir@indianaacademyofscience.org) with your interest as quickly as possible. She will be reporting the final slate very soon.

## 🏆 Procedure for Nomination of Individuals for Awards 🏆

The Awards Committee of the Indiana Academy of Science accepts nominations any time of the year. However, to be considered for awards at the next annual meeting, nominations must be received by October 15, 2019. Forms for Nominations for Distinguished Scholar and Distinguished Service Awards and the Recommendation Forms for Fellow may be found at <http://www.indianaacademyofscience.org/award-fellows>, follow the link to obtain each form. Please keep in mind that Recommendations for Academy Fellows are put forth by Fellows of the Academy only. Recommended nominees for ALL Awards must also be current members of the Indiana Academy of Science. Please direct questions or send nominations to: [awards@indianaacademyofscience.org](mailto:awards@indianaacademyofscience.org)



## OTHER EVENTS

*Submitted by Erin Gerecke, member*

1. Celebrate Science Indiana (of which IAS is a sponsor): Oct. 5 at the Indiana State Fairgrounds: [www.celebratescienceindiana.org](http://www.celebratescienceindiana.org)
2. J. James Woods science lecture series at Butler University has three seminars this semester (<https://www.butler.edu/woods-lectures/2019-2020-series>)
3. “Books, Booze, and Brains” monthly science book club fall schedule, sponsored by Indiana Humanities and several other groups: <https://indianahumanities.org/programs/books-booze-brains>
4. ICTBA annual meeting (Sept. 21), “The First Year: Freshman Biology Experiences”: <https://www.icbta.org/2019-icbta-conference>
5. BioCrossroads 2019 Indiana Life Sciences Summit (Sept. 26): <https://www.biocrossroads.com/summit/>

## REMEMBERING MARION T. JACKSON (19 Aug 1933–7 Feb 2019)

*Luke M. Jacobus, Newsletter Editor*

Marion Jackson served as president of the Academy in 1999. He was named a Fellow of the Academy in 1976 and Distinguished Scholar in 2009. He was a former professor at Moorhead State University and in September of 1964 began a 37-year career at Indiana State University in Terre Haute as a professor in the Life Science department, also teaching part time at Saint Mary-of-the-Woods College near Terre Haute. Dr. Jackson authored two books including "The Natural Heritage of Indiana" and also "Indiana Trees," in an effort to protect the state's natural heritage and biodiversity.

He also spent many summers working for the US Forest Service in Idaho, the National Park Service in Oregon, and the US Fish and Wildlife Service in Alaska. Other accomplishments in Mr. Jackson's career included being editor and president for the Indiana Academy of Science, president of the Indiana Chapter of the Nature Conservancy, president of the Wabash Valley Audubon Society, and serving on the Board of Trustees of the Natural Areas Association. He was also named Conservationist of the Year in 2017 by the Ouabache Land Conservancy. He received his B.S. degree in Conservation of Natural Resources from Purdue University in 1961 and received his PhD degree in plant ecology from Purdue in 1964. (Obituary modified from the *Tribune Star*, 12 Feb 2019)



← Jackson leading a plant ecology class at Indiana State University on a field trip to Pine Hills Natural Area, Montgomery County, Indiana in spring 1967 (reprinted from the *Proceedings of the Indiana Academy of Science*, volume 115, page 65, figure 5).

You can read more about Jackson in a *Proceedings* article: Marion Thomas Jackson: A Lifelong Naturalist, Conservationist, and Educator. by John Whitaker Jr. 2006. *Proceedings of the Indiana Academy of Science*. Vol. 115 (1): Pages 60-70.

"It is interesting to read about all the things he was involved in, especially back in the days when few people were interested in the environment."—*Jim Berry, IAS Fellow & Distinguished Service Award Recipient*

*Note from Editor:* The article cited above (and others from 2015 and before) is archived by our partners at IUPUI and available freely to all at <https://journals.iupui.edu/index.php/ias/article/view/8556>.



## Marketing Opportunity for Industry & Corporate Interests and Indiana Local Colleges & Universities

Partner with the Indiana Academy of Science to present the 135th Annual Academy Meeting, March 21, 2020, at the J.W. Marriott Hotel in downtown Indianapolis. Welcoming over 400 scientists, science educators, and college and university science students to a full day of science, over 200 research papers and posters will be presented, together with "hot topic" discussions, workshops and tremendous opportunities to network. Contact the Executive Director now for specific partnership information at [execdir@indianaacademyofscience.org](mailto:execdir@indianaacademyofscience.org).



## Community Grants Initiative

For many years, the Academy has been committed to offering science education projects and programs through Indiana community partners. These partnerships have allowed us to touch the lives of many. The Academy is very proud to continue this tradition and has now formalized our INDIANA COMMUNITY GRANTS initiative. Through a careful review process, the leadership of the Academy will work together to award science education community grants to Indiana Academy of Science senior scientists each year. These grants will help provide funding for science education projects and programming by other organizations with similar goals as the Academy, and further the importance of Indiana science. For more information, visit: <https://www.indianaacademyofscience.org/research-grants/community-grants> .



## NEWSLETTER UPDATES

*Delores Brown, Executive Director*



Thanks to our immediate past Newsletter Editor, **Dr. D. Blake Janutolo** for a stellar job publishing the Academy Newsletter these last several years. Because of his commitment to the work of the Academy, the Newsletter kept our members informed and engaged.

Thank you Blake.

Welcome onboard lifetime member, **Dr. Luke M. Jacobus**, as the new Newsletter Editor. We are delighted to have Luke take the helm of this important Academy communication vehicle.

Future entries for the Newsletter should be sent directly to Luke at [lmjacobu@iupui.edu](mailto:lmjacobu@iupui.edu) no later than the dates below. Plan to share whatever you feel your fellow scientists, science educators, or graduate and undergraduate students may find to be of interest. Feel free to send images (jpg format) along with your text. The next Newsletter deadlines are as follows:



- November 15, 2019 for the December, 2019 edition
- February 1, 2020 for the February, 2020 edition
- April 15, 2020 for the May 2020 edition



### INDIANA ACADEMY OF SCIENCE NEWSLETTER

The *Indiana Academy of Science Newsletter* has been published since December 1970. It is the official newsletter of the Indiana Academy of Science, 650 West Washington Street, Indianapolis, Indiana 46204, USA. Tel: 317-974-0827; FAX: 317-974-0783. The Indiana Academy of Science is a professional membership organization of Indiana scientists. Founded in 1885, it is a non-profit organization dedicated to promoting scientific research and diffusing scientific information; to encouraging communication and cooperation among scientists and to improving education in the sciences.

*EDITOR: Luke M. Jacobus*, Division of Science, Indiana University Purdue University Columbus, 4601 Central Avenue, Columbus, Indiana 47203, USA. Tel: 812-348-7283; FAX: 812-348-7370; email: [lmjacobu@iupui.edu](mailto:lmjacobu@iupui.edu).