



# KAS Newsletter

**Kentucky Academy of Science**  
*Fostering Scientific Discovery and Understanding in Kentucky*

**September, 2017**

## ***Message from the President!***

Dear KAS Members,

Welcome to the final Kentucky Academy of Science (KAS) newsletter of 2017. As we turn our attention to the coming fall months, the main event that hopefully everyone has on their calendar (hint: November 3-4) is the Annual Meeting of the Academy. I am looking forward to the chance to see colleagues from around the Commonwealth at Murray State University so we can chat and find out what has happened during the past year. The Annual Meeting Committee has been diligent in planning and looks to be another exciting event this year. I encourage all members to get your abstracts ready so all can join together for a great meeting!

I do look forward to the Annual KAS Meeting, especially to meet with the students presenting their research. While Kentucky is typically ranked in the bottom 10% for STEM professionals and related innovation, the presentations by students still demonstrates that we do have strength of science in the Commonwealth. If you look up the definition of strength, one passage will state that: strength of a material is its ability to withstand an applied load without failure.

The validity of science can also fall under enormous strain; collected, analyzed data is questioned with unchecked, misrepresented,

or untrue information. Recourse is to continue to give students (and our communities) the tools to think like scientists. We must strive to let them gather evidence, hypothesize, synthesize results, and interpret peer-reviewed data which will allow the truth to be found on their own. This gives science the strength to persevere and overcome the challenges that we face. I came across a narrative by Past President John Mateja who stated that "I encourage all those interested in the future of Kentucky to become members of KAS to ensure that there is a strong "Voice of Science" in the state and to work to ensure that this voice is heard by the leadership of the Commonwealth". Those words still ring true.

Thank you for letting me help serve the scientific community in the Commonwealth. I urge all members, new and long-standing, that if you have an idea or see a need unfulfilled where the Academy can help realize, please communicate with one of the Governing Board members or consider becoming a Board member themselves.

I look forward to seeing you in November at Murray State!

Cheers,

Darrin Smith KAS President



# Announcements from the KAS



## **2017 Annual Meeting** **November 3-4** **Murray State University**

### **Annual Meeting Overview**

#### **Friday November 3**

Afternoon oral presentations

3:00-5:00 Late afternoon tours at Murray State

- Mapping Applications and Resource Center (MARC)
- New Biology & Chemistry buildings
- New Institute of Engineering facility
- Hancock Biological Station

New! 5:00-8:00 pm Friday night Poster Party & Social Hour at the Curris Center – all poster presentations, in one place!

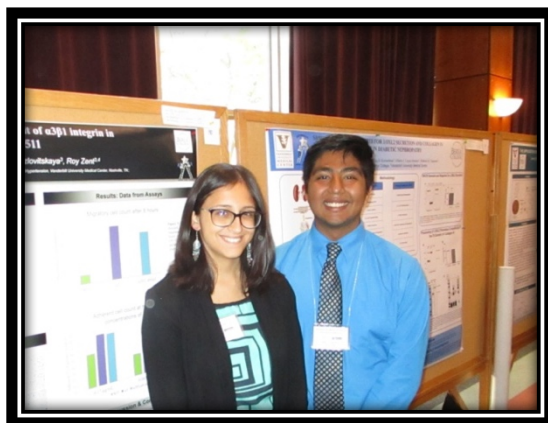
#### **Saturday November 4**

8am – 3pm Oral Presentations

3pm Keynote by *Global Warming Primer* author Jeffrey Bennett.

4pm Symposium on Public Engagement with Science, featuring 2016 honoree for Excellence in Science Education & Outreach Richard Gelderman

Pop-up Student competition awards throughout the day!



*Christiania Patel presenting her research at the 2016 KAS Annual meeting*

## Speakers

### **Keynote: “Communicating Science to the Public”**

**Jeffrey Bennett**



Jeffrey Bennett holds a B.A. in Biophysics from the University of California at San Diego and an M.S. and Ph.D. in Astrophysics from the University of Colorado at Boulder. He specializes in mathematics and science education, writing for and speaking to audiences ranging from elementary school children to college faculty. His extensive teaching experience, which spans all levels from preschool through graduate school, includes having founded and run a private science summer school for elementary and middle school children and teaching more than fifty college classes in astronomy, physics, mathematics, and education. He has received numerous awards for his teaching and writing, including the [American Institute of Physics Science Communication Award](#). Among his other major endeavors, Dr. Bennett served two years as a Visiting Senior Scientist at NASA Headquarters, where he was the first scientist hired within a science division specifically to leverage science missions for education. Working closely with NASA's Education Division and teams working with the Hubble Space Telescope and other science missions, he was credited with helping bridge the cultural divide between education

and science. In addition, he created the Initiative to Develop Education through Astronomy (originally IDEA, later called IDEAS), developed the Perspectives From Space concept (and creating its poster set) that was ultimately adopted as the global theme for International Space Year, and helped start the program known as Flight Opportunities for Science Teacher EnRichment (FOSTER), which flew teachers on the Kuiper Airborne Observatory and evolved to become the [Airborne Astronomy Ambassadors](#) program that now flies teachers on the SOFIA airborne observatory. Perhaps his most visible achievements have been his work in developing educational scale models of the solar system. He proposed the idea for and helped develop both the [Colorado Scale Model Solar System](#) (on the University of Colorado campus) and the [Voyage Scale Model Solar System](#) on the National Mall in Washington, DC. The Voyage model is now being replicated (through the [Voyage National Program](#)) in many other cities around the United States.

## Symposium

### **"Out in the Field: Experiences Communicating Science to the Public"**

- Keynote speaker Jeffrey Bennett
- Kim Hunter, who serves as Chief Program Officer at the KY Science Center
- Richard Gelderman, Professor of Physics at WKU, recipient of 2016 KAS Science Education & Outreach Award
- Robin Q. Zhang, Ph.D. | Professor and Chair, Department of Geosciences, Murray State University
- David White, Commonwealth Endowed Chair, Professor, Biological Sciences & Director, Hancock Biological Station
- Gerry Harris, Hancock Biological Station, Murray State University



*Inside of the Curris Center at Murray State*

## **Registration**

### **Registration is now open for the 2017 Annual Meeting!**

Registration includes Friday and Saturday sessions, Friday tours, Friday evening Poster Party & Social Hour, Saturday Keynote, Symposium, and reception.

**Please Register now at:**

<http://www.kyscience.org/>

### **Early Registration Rates:**

#### **Regular or Teacher**

\$65 before Oct 2

#### **Student**

\$35 before Oct 2

#### **Professional non-member**

\$85 before Oct 2

## **Abstracts and Presentations**

**Register and submit your Abstract now at**

[www.kyscience.org](http://www.kyscience.org)

Abstracts will be due Oct 1.

Presenters are required to submit their own registration and abstract.

Students are permitted to submit multiple abstracts, however, only one abstract may be judged for competition.

Please review the KAS Abstract Guidelines and the KAS Plagiarism Policy on the KAS website

Oral presentations have 15 minute time slots. We recommend you leave a few minutes for questions at the end of your talk.

Posters are limited to a size of no larger than 3' x 4'. Please review the KAS Poster guidelines at [kyscience.org](http://kyscience.org)

Posters will be set up Friday afternoon through Saturday afternoon with judging for all sections on Friday evening.

Students choosing to enter a competition, please refer to the KAS Student Competition scoring form at [kyscience.org](http://kyscience.org)

All questions about abstracts should be directed to KAS Program Coordinator Melony Stambaugh,  
[program@kyscience.org](mailto:program@kyscience.org)



# **2017 GUIDELINES ORAL AND POSTER PRESENTATIONS**

## **Abstract Guidelines**

- Text of the abstract must be 250 words or fewer.
- Each presenter is required to submit their own registration and abstract.
- The presenter of each paper must be registered to attend the meeting.
  - If the presenter should not be listed as the first author, an email must be sent to the Program Coordinator, [program@kyscience.org](mailto:program@kyscience.org).
  - If the first author is not a student, the presentation is not eligible for the student competition.
- A proper abstract contains three components: what was done and why, what was found out (i.e., result), and what it means.
- Do not use bold.
- Italics should be used only for the scientific names of the organisms and other expressions that conventionally appear in italic type.
  - Scientific names of organisms should be in italics (not underlined).
- Spell out generic names the first time they are used and include the name of the describer; afterwards names should be abbreviated to first letter of the genus (plus a period) followed by a specific epithet unless confusion may
- result with another abbreviated generic name in the abstract, e.g., *Daphnia pulex* (De Geer) then *D. pulex* thereafter.
- Use standard, well-known abbreviations when the use of abbreviations is necessary.
  - When using abbreviations for chemical compounds, spell out the name in full at the first mention and follow with the abbreviation in parentheses, then use the abbreviation thereafter.
  - Do not abbreviate chemical compounds in the title of the abstracts.
- Students are permitted to enter multiple abstracts, however only one abstract may be judged for competition.

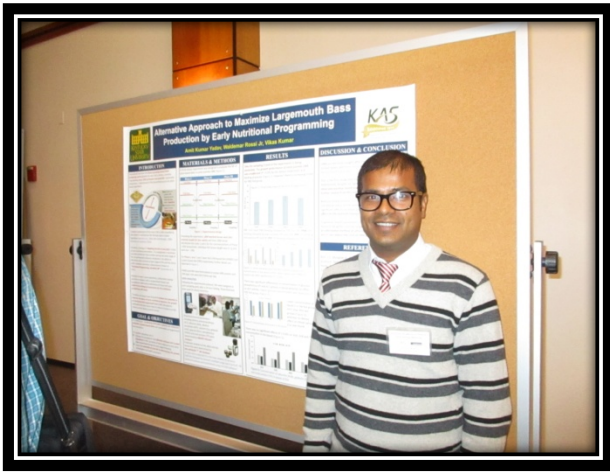
**The following is an example of a portion of a proper abstract as it will appear in the program:**

### **BOTANY**

Taxonomic status of the varieties of Seneca snakeroot, *Polygala senega* L. (Polygalaceae). AMY E. TRAUTH\* and ROBERT F.C. NACZI, Department of Biological Sciences, Northern Kentucky University, Highland Heights, KY 41099.

Seneca snakeroot, *Polygala senega* L. (Polygalaceae), is an uncommon plant ranging throughout most of eastern North America. Two varieties have been described for the species: variety *senega* and variety *latifolia* Torrey and Gray. The taxonomic.....





*Amit Kumar presenting his research at the 2016 KAS annual meeting.*

### Oral Presentations

- All presentations should be compatible with the current version of PowerPoint for Windows and brought on a USB drive as the computers will not have a CD drive.
- Be prepared to load your presentation 15 minutes before your session on the computer in your presentation room.



### Poster Presentations

- Each presenter will be provided with an easel or a table and a 3x4 ft. poster board identified with a number that matches the presenter's number in the program booklet.
- Posters presentations will be set up for viewing on Friday afternoon through Saturday afternoon.
- Judging will be Friday evening for all sections, during the Poster Party & Social Hour


### KAS Plagiarism Policy

Participating authors are expected to follow the basic principles of plagiarism as they apply to scientific writing. **Plagiarism in science includes, but is not limited to:**

- Failing to paraphrase (not using your own words)
- Changing the order of the words or only a few words in a copied sentence
- Quoting extensively, even when quotation marks are used
- Failing to cite the source of information that is not common knowledge to your peers
- Using ideas first proposed by others without acknowledging the source of the idea
- Using images, figures, graphs, maps, or other visual elements without citing the **source**
- Reusing past assignments from classes without the instructor's permission
- Using information, ideas, or wording provided by another student
- Failing to provide an accurate list of references
- Presenting the work of others as your own.

## **Call for Nominations:** **Consider Severing on the KAS Governing Board**

The Kentucky Academy of Science Governing Board is seeking nominations from the KAS membership for quality candidates to assume leadership roles within the Academy for 2018. We will have many vacancies this year, so if you've been thinking about a leadership opportunity, this may be a good time.

The "Job description" is below. Officers' and Board members responsibilities are outlined in revised bylaws at [http://www.kyscience.org/social\\_media\\_photo\\_contest.php](http://www.kyscience.org/social_media_photo_contest.php) 

Governing Board meetings are quarterly, with summer and winter meetings typically being held by conference call.

KAS members interested in nominating colleagues for vacant positions (or individuals willing to volunteer to be placed on the ballot) should forward the name, e-mail address/phone number for each candidate, and indicate the leadership position of interest. The immediate Past President will contact each candidate to request the necessary information to be included on the ballot. We require at least two candidates for the ballot for each position and we appreciate our members' assistance in identifying willing candidates for these vacancies. Current voting and ex-officio Governing Board members are listed at the bottom of this message.

Any member may nominate another qualified member for Governing Board service. KAS is currently seeking nominations for the following. All are three year terms except Vice President.

Vice President (4-year term: the Vice President rotates into President-Elect, President, and Past President.

Secretary (may serve consecutive terms)

Treasurer (may serve consecutive terms)

Biological Division Representative

Social Science Representative

Physical Science Representative

At Large Representative

Please send nominations with a 300 word bio to: KAS immediate Past President Eric Jerde

***Department of Earth & Space Sciences  
Morehead State University  
Morehead, KY 40351  
606-783-5406***

***[e.jerde@moreheadstate.edu](mailto:e.jerde@moreheadstate.edu)***



## **KAS Governing Board Member Job Description**



**All KAS Board members agree to participate as follows:**

### **WISDOM**

Be an informed advocate for the vision and mission of our organization: "To foster scientific discovery and understanding in Kentucky"

Participate in effective organizational planning, accountability and resource management

Assist in enhancing the organization's public standing in my circle of influence

Support Board's efforts to strengthen organization's services

Participate in identifying new board members who will support our mission.

### **WEALTH**

Encourage others to become members

Assist in the effort to raise sponsorship funds from the community by opening doors with personal and professional contacts

Support all fundraising events of the organization

### **WORK**

Attend 75% of scheduled board meetings

Actively participate on at least one Board Committee

Attend special events, friend- raisers, other community-building events

## **2017 KAS Governing Board**

***All positions are still open for candidates to run, but we are especially seeking nominees for Social Sciences Representative, Secretary, and Treasurer***

### **Elected Officers**

**President** -Darrin Smith Eastern Kentucky University, 859-622-8380,  
[darrin.smith@eku.edu](mailto:darrin.smith@eku.edu)

**President- Elect-** Jennifer Birriel, Morehead State University (606) 783-2924,  
[j.birriel@morehead-st.edu](mailto:j.birriel@morehead-st.edu)

**Vice President-** Leslie North, Western Kentucky University, (270) 745-5982,  
[leslie.north@wku.edu](mailto:leslie.north@wku.edu)

**Past President** -Eric Jerde,Morehead State University, 606-783-5406,  
[e.jerde@moreheadstate.edu](mailto:e.jerde@moreheadstate.edu)

**Secretary** -Pamela Feldhoff, University of Louisville, 502-852-7136,  
[pwfeld01@louisville.edu](mailto:pwfeld01@louisville.edu)

**Treasurer**-Rodney King, Western Kentucky University, (270) 745-691,  
[rodney.king@wku.edu](mailto:rodney.king@wku.edu)



## **Division and At-Large Representatives**

**Biological Sciences**-Michael Fultz, Morehead State University, 606-783-5440, [m.fultz@moreheadstate.edu](mailto:m.fultz@moreheadstate.edu)

**Biological Sciences**- Maggie Whitson, Northern Kentucky University, (859) 572-1411, [whitsonma@nku.edu](mailto:whitsonma@nku.edu)

**Physical Sciences**-Richard Gelderman, Western Kentucky University, 270-745-6203, [richard.gelderman@wku.edu](mailto:richard.gelderman@wku.edu)

**Physical Sciences**-Douglas Chatham, Morehead State University, 606 783 2559, [d.chatham@moreheadstate.edu](mailto:d.chatham@moreheadstate.edu)

**Social& Behavioral Sciences**-Kerrie McDaniel, Western Kentucky University, 270-745-6845, [kerrie.mcdaniel@wku.edu](mailto:kerrie.mcdaniel@wku.edu)

**Social& Behavioral Sciences**-Gregory Corso Morehead State University, 606-783-2986, [g.corso@moreheadstate.edu](mailto:g.corso@moreheadstate.edu)

**At-Large**-Mary Janssen, KCTCS, 270 824-8618, [marye.janssen@kctcs.edu](mailto:marye.janssen@kctcs.edu)

**At-Large**- Tracy Hodge, Berea College, [hodget@berea.edu](mailto:hodget@berea.edu)

## **Ex-Officio Officers**

**Program Coordinator**-Melony Stambaugh, [program@kyscience.org](mailto:program@kyscience.org)

**Director, Kentucky Junior Academy**- Ruth Beattie, University of Kentucky, 859-257-7647, [rebeat1@email.uky.edu](mailto:rebeat1@email.uky.edu)

**Co-chair, Kentucky Junior Academy**-Bruce Griffis Kentucky, State University, 502-597-6069, [bruce.griffis@kysu.edu](mailto:bruce.griffis@kysu.edu)

**Newsletter Editor**-Crystal Simons, Bellarmine University, [csimons@bellarmine.edu](mailto:csimons@bellarmine.edu)

**Journal Co-Editor** Wally Borowski, Eastern Kentucky University, [journal@kyscience.org](mailto:journal@kyscience.org)

**Journal Co-Editor**-Kelly Watson, Eastern Kentucky University, [journal@kyscience.org](mailto:journal@kyscience.org)

**Executive Director**-Amanda Fuller, Kentucky Academy of Science, 859-227-2837, [executivedirector@kyscience.org](mailto:executivedirector@kyscience.org)

**Webpage Editor**-Claire Rinehart, Western Kentucky University, 270-745-599, [claire.rinehart@wku.edu](mailto:claire.rinehart@wku.edu)

**AAAS/NAAS Rep**-Nancy Martin University of Louisville, 502-852-5226, [nancymartin@louisville.edu](mailto:nancymartin@louisville.edu)

**KAS Historian**- Marilyn Akins, Bluegrass Community & Technical College, (859)246-6242, [marilyn.akins@kctcs.edu](mailto:marilyn.akins@kctcs.edu)

## **Follow the Kentucky Academy of Science on Social Media**



**Instagram** Find us at [kentuckyscience](https://www.instagram.com/kentuckyscience)

**Twitter:** [@kyscientists](https://twitter.com/kyscientists)

**Facebook:** <https://www.facebook.com/kyscience/>

## **Social Media Photo Contest -** **#TheSpiritOfKAS**



*Here's a picture from the 2016 Annual Meeting.*

[http://www.kyscience.org/social\\_media\\_photo\\_contest.php](http://www.kyscience.org/social_media_photo_contest.php)

Think you can do better? You'll soon have a chance to prove it. At the upcoming Annual Meeting, KAS will run a Social Media Photo Contest- and we will invite you to take pictures of the meeting and post them on one of our social media platforms using #TheSpiritOfKAS. We will award a \$50 gift card to the KAS member whose picture best shows what Kentucky Academy of Science is about. Stay tuned to our facebook page for more details. Questions about the contest can be directed to Doug Chatham ([d.chatham@moreheadstate.edu](mailto:d.chatham@moreheadstate.edu)), Internal Communications Committee Chair

## **Call for Nominations: KAS Excellence in Science Education & Outreach Award**

### **Purpose**

The KAS Excellence in Science Education & Outreach Award provides recognition for unique activities, educational programs, or approaches that have increased the involvement, engagement, and sustainability of science in the Commonwealth. The annual award is open to individual KAS members or groups of KAS members (e.g. from the same institution/organizations or various institutions/organizations who are KAS members and have worked together collaboratively on Education and Public Outreach initiatives).

### **Criteria**

For this award, we define "outreach" activities as those geared to presenting science to lay audiences, rather than scientific professionals. The selection committee will consider the following factors: 1) the nominee's personal advocacy and involvement in public outreach initiatives and events, 2) overall impact on the public. Qualifying activities include lectures, presentations, demonstrations, hands-on-activities, seminars, symposia, exhibits, magazine articles, and radio and television appearances. Outreach venues should be in public venues such as schools, libraries, malls, museums, churches, shopping malls, parks, and other public locations.

### **Eligibility**

Any KAS member or group of members is eligible for nomination. Nominations must be made by a KAS member other than the nominee. The nominee must have made a major effort to reach the public with positive messages about science and/or have been involved in regular public outreach for 3 or more years. The nominee may have performed the activities as part of their job or a funded grant but outreach must not be the sole focus of their employment

## **Application Materials**

Nominations must be made on behalf of a KAS member by another KAS member, no self-nominations. The nominator must provide the Awards Committee with

- A letter explaining why the nominee should win the award which should include a brief description of the nominee's efforts including the types of activities, venues, and duration of involvement.
- Three letters of recommendation. These must come from 1) the nominee's department chair or other supervisor, 2) a colleague, and 3) a community member or teacher who has participated in an outreach activity involving the nominee.

*\*Note: The nominee's curriculum vitae/resume may be provided as supplementary material\**

**Please send 2017 Nomination Packets for to [leslie.north@wku.edu](mailto:leslie.north@wku.edu)**

## **Nomination Deadline**

Nominations are due by September 30. The Board will meet and select an awardee near the end of October. The Awardee will be notified by letter and invited to give a talk about their work at the annual KAS Meeting the following year.



## **Nature of the Award**

The awardee(s) will receive

- (if an individual) lifetime Membership in the Academy
- an invited speakership at the annual KAS meeting the year after the receipt of the award
- recognition in the KAS Newsletter
- an opportunity to have an invited paper detailing their Education and Public Outreach efforts in the KAS Newsletter or KAS Journal

## **Call for KAS Research Grant Applications**

*The deadline for 2018 Grant Applications will be November 15, 2017.*

**The following sources of research funding are available through the Kentucky Academy of Science:**

### **Marcia Athey and Botany Funds**

These funds are for research planned and conducted by students of Kentucky secondary schools, colleges, and universities under the supervision of a faculty member. In the event that funds permit, consideration will also be given for support of faculty research projects. Faculty and student applicants must be members of the Kentucky Academy of Science. Awards normally are in the several hundred dollars range, though in extraordinary circumstances some higher awards may be possible.

***Find more details and this year's application at [kyscience.org](http://kyscience.org)***

## **Special Research Program**

The program of KAS special research awards is directed particularly to faculty in Kentucky higher education institutions, public or private, involved primarily in undergraduate education. Awards are for one year. Funding for an additional year may be requested by reapplying the following year and competing with newly submitted proposals. Awards of up to \$5,000 will be available as funding allows.

### **Marcia Athey and Botany Funds Special Research Program Undergraduate Research Program**

#### **Undergraduate Research Program**

#### **Summer Undergraduate Research Grants:**

These grants are intended to provide support for students engaged in faculty-supervised research during the summer months. Allowable budget items include supplies, equipment, travel directly related to the research project, and a summer stipend for the student. Indirect costs are not allowed. Awards of up to \$3000 each will be available as funding allows.

#### **Undergraduate Research Supply Grants:**

These grants are intended to provide modest support for supplies and expendables necessary for student research not normally available from the host institution. This fund does not provide support for indirect costs, salaries, or conference travel. Awards of up to \$500 each will be available as funding allows.

## **Do you have a dataset to share?**

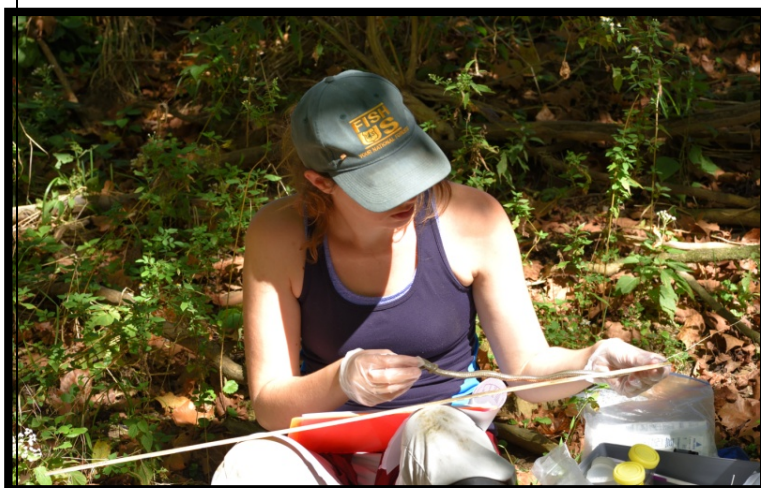
We've been in touch with the Kentucky Department of Education, about how to help teachers implementing the Next Generation Science Standards in their classrooms. The NGSS emphasize practicing science in the classroom, and KDE is looking for datasets that teachers can use to practice analyzing data. These could be data that you've collected, or public data that teachers can download and use.

*If you have data you can share, please send a note to Amanda Fuller ([executivedirector@kyscience.org](mailto:executivedirector@kyscience.org)) and we can put you in touch with Rae McIntyre*

*If you DO have a dataset you'd like to share, here's another outlet to share those data more widely.*

Data Nuggets are stories of real scientific investigations, with opportunities for teachers & students to build quantitative abilities. "With broader impacts a factor in most grants, finding effective methods of communication and transmission is key. Data Nuggets provide you, as a scientist, an avenue to share your research and results with a broad audience of students, teachers, and fellow scientists. Sharing research findings with the non-science public is an important part of the scientific process, yet is often one of the most challenging to achieve."

Find out more at <http://datanuggets.org/>



*Jennifer MacKenzie, a 2016 research grant winner, measuring a Queensnake. Photo credit: Jake Hutton*



## **Join InNet Investigator Network to connect to collaborators**

The University of Louisville's Investigator Network is a community of researchers open to students and faculty at all Kentucky institutions. Its mission is to foster and facilitate collaborations among researchers and trainees by creating an environment that values and supports investigators with diverse research interests. The InNet team has created a searchable database. This database will be the network's tool for querying expertise and establishing

professional connections for team science. As the number of members grows, InNet will represent the diverse spectrum of scientific expertise and skills that exist at the University of Louisville and the affiliated institutions in our community. Create your profile now! An InNet profile includes standard demographic data, keywords & research interests and current contact information. As a registered member of the

InNet, you will have the ability to connect with collaborators or potential projects within your area of interest.  
<http://louisville.edu/research/innet>  
**For more information, contact:**  
**Lale Akca, MBA, CCRA,**  
Executive Director  
Clinical Trials Unit (CTU),  
University of Louisville  
T:(502) 852-2605  
[lale.akca@louisville.edu](mailto:lale.akca@louisville.edu)

## **The Kentucky Science Center is excited to announce a wide variety of opportunities for content-providing scientists this Fall and Early Winter of 2017:**

Science Celebrations- in-gallery themed events for field trips and families. Content is welcome from businesses, researchers, and enthusiasts.

**New this year- Science Celebrations are now Fridays 10-2, Friday evenings 4:30-7, and Saturdays 11-4.**

**Advanced Manufacturing- October 6-7.**

Presented by GE, this event focuses on regional career opportunities in cutting-edge manufacturing fields. The Friday evening shift will be 6:30-8:00 for a private Main Street Association progressive dinner. Share content with an enthusiastic and professional adult crowd

**Chemistry Days- Oct 27-28.**

This year's National Chemistry Week theme is "Chemistry Rocks!" Looking for partner content on the chemistry of rocks, minerals, and fossils. Scientific Proofs- monthly science dialogues. Looking for content providers to share out at pub-science style events. Events are 6:30pm at the Saint Matthews Mellow Mushroom. Preference given to multiple researchers that can speak to a theme, or timely responses to hot-button science topics.

**Open dates: Sept 20, Oct 25, and Nov 29.**

Greater Clark County Schools (Indiana) Youth

Science Summit- a day-long STEM conference for Middle and High School aged youth. November 4, 2017. Not attending the KAS conference? Please consider sharing what you do with the next generation of STEM professionals. Receiving commitments now for lab presenters and Speed Mentors just across the river from Louisville in Jeffersonville Indiana. *Details on all these opportunities available by contacting Andrew Spence, Manager of Public Programs and Events, at [andrew.spence@louisvilleky.gov](mailto:andrew.spence@louisvilleky.gov)*





**KBRIN NIH R15 Grant Writing Workshop**  
**Saturday, November 18th, 2017**  
**University of Louisville**  
**Health Sciences Campus**

Clinical Translational Research Building (CTR),  
Room 124

The Kentucky Biomedical Research Infrastructure Network (KBRIN) will again offer an intensive workshop on the development of National Institutes of Health (NIH) R15-Academic Research Enhancement Award (AREA) proposals. AREA grants are specifically designed to support research projects (three years-\$300,000) in the biomedical and behavioral sciences conducted by faculty and students in colleges/universities and health professional schools that have not received more than \$6 million in NIH research grants in four of the last seven fiscal years. Thus, faculty at nearly all colleges/universities in Kentucky are eligible.

The three main goals of the AREA program are: (1) to support meritorious research; (2) to strengthen the research environment of the institution; and (3) to expose students to research.

The workshop will be led by faculty at KBRIN institutions that have been successful in competing for AREA grants. The morning session is designed for faculty with little or no NIH grant writing experience, whereas the afternoon session is designed to enhance the competitiveness of faculty with some NIH grant writing experience. Depending upon level of experience with the NIH, registrations will be accepted for either the full day workshop or the afternoon session only.

Past attendees at this workshop have been successful in obtaining NIH funding and this

workshop is required to be eligible for KBRIN research grants (see <http://louisville.edu/research/kbrin/kbrin-cores/research-core>)

The morning workshop will begin at 9:00 am EST and the afternoon session will begin at 1:00 pm EST. Lunch will be provided at noon.

The workshop is free and open to interested faculty at all Kentucky public and private institutions.

**As space is limited, please register online by Friday November 3rd at:**

**<https://kbrin1.redcap.louisville.edu/redcap/surveys/?s=DKR7MP8FJ9>**

**Registration deadline is Friday, November 3rd.**

**For registration information contact, Ms. Whitney Rogers, KBRIN UBM at [whitney.rogers@louisville.edu](mailto:whitney.rogers@louisville.edu) or 502-852-3045**

For additional workshop information, contact Dr. Nigel Cooper, KBRIN PI ([nigel.cooper@louisville.edu](mailto:nigel.cooper@louisville.edu)), Dr. Martha Bickford ([Martha.bickford@louisville.edu](mailto:Martha.bickford@louisville.edu)), or Dr. Bruce Mattingly, KBRIN program coordinator ([b.mattingly@moreheadstate.edu](mailto:b.mattingly@moreheadstate.edu)).

This workshop is sponsored by the Kentucky Biomedical Research Infrastructure Network (KBRIN), which is supported by a grant from the National Institute of General Medical Sciences (8 P20 GM103436) from the National Institutes of Health.

## **Internal Communication discussion items August 11, 2017 KAS**

### **Governing Board Meeting**

#### **1. Amending the Bylaws description of the Internal Communications Committee.**

The Bylaws currently say this about the Internal Communications Committee in Article VIII, Section 1:

Internal Communications Committee. The Internal Communications Committee consists of two members from the Governing Board, and two members from the Membership-at-large. The Committee shall develop mechanisms to publicize Academy events, including annual and special meetings of the Academy and the spring symposium of Junior Academy.

Due to a lack of interest, the committee has never had the four members the Bylaws requires. Other committees don't have its size fixed like this. In fact, Article VIII, Section 1 states in its first paragraph, "The number of members and composition of each Standing Committee shall be determined with consultation of the Governing Board." There is a contradiction here that should be removed.

Perhaps it would be better to remove this committee and assign its duties to, say, the Annual Meetings Committee. However, I'm not going to go that far – maybe in the next few months we can generate some interest and make the committee viable. I just don't want the number set in stone by the Bylaws.

So, I propose that the Board put forward the following Bylaws amendment for a vote at the next Annual Meeting:

In the paragraph on the Internal Communications Committee in Article VIII, Section 1 of the KAS Bylaws, strike "consists of two members from the Governing Board, and two members from the Membership-at-large. The Committee" so that the paragraph reads as follows:

Internal Communications Committee. The Internal Communications Committee shall develop mechanisms to publicize Academy events, including annual and special meetings of the Academy and the spring symposium of Junior Academy.

**Thank you!**

**See You Next Newsletter!**