

# Arkansas Academy of Science

## AAS Newsletter 2023

Editor: R. Panneer Selvam

February 2023

### Of Special Interest...

#### CALL FOR PAPERS

- 106th Annual Meeting of the Academy
- AAS Student Research Grants
- Members Corner
- Editorial Note & Liaison Officers



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\*\*\*You are encouraged to duplicate all or part of this document for dissemination amongst your colleagues. Encourage them to become members and to attend the annual meeting including the business meeting.

## 106th Annual Meeting of the Academy at UAPB

University of Arkansas at Pine Bluff (UAPB) is proud to host the 106<sup>th</sup> annual meeting of the Arkansas Academy of Science which is to be held on Friday, March 31 and Saturday, April 1, 2023. Since 1995, this will be the second time in the history of the Academy to hold its annual meeting on the UAPB campus. We are excited to share our campus with you on this occasion.

Conference activities will take place in the **STEM Building Conference Center** (1530 L. A. Prexy Davis Drive) and the H. O. Clemmons Arena. The bio sketch of the banquet guest speaker and the projected schedule-at-a-glance are provided below. This conference will be held jointly with the Annual UAPB Student and Faculty Research Forum.

Participants will have the option of making an oral or poster presentation. Abstracts may be submitted online by clicking [UAPB ORSP website](#) and then selecting the link for the abstract submission form. Abstracts can be submitted until **February 27, 2023**. Online registration and fee payments will remain open through the duration of the conference on April 1<sup>st</sup>, 2023. Details of payment by web or mail are provide at the [AAS 106th Annual Meeting Registration Page](#). As the conference nears, conference information details, including directions, abstracts, and a detailed schedule of events will be available



at the [UAPB ORSP website](#). Meeting notifications will also be provided at this site.

Abstracts and other conference details will be available in a pdf document which will be available for download or viewing via the conference website. We encourage participants to download the pdf document to their favorite device before arriving at the meeting. For questions and additional information, please contact: Ebo Tei: [teie@uapb.edu](mailto:teie@uapb.edu), Zeeshan Habeeb: [habeebz@uapb.edu](mailto:habeebz@uapb.edu)

Manuscripts for submission to JAAS Volume 77 should be submitted to the Journal website (<https://scholarworks.uark.edu/jaas/>)

## AAS Business Meeting for Everyone

The annual business meeting for ALL members of the Academy will take place Saturday, April 1, at 12 noon in the STEM Building Conference center (1-3) following the final presentations and judges meeting. If possible, please make travel plans that will allow you to stay and attend the business meeting. This meeting is for you, and your attendance, contributions, expertise, and

insights help the Academy provide the highest quality service to its membership.

Academy officers on the **AAS Executive committee will convene on Friday, March 31st, at 10:00 AM** in the STEM Building Conference Room 213. Lunch will be served.

# Information For Presenters

Abstract submissions are now open for the 2023 AAS meeting. **Abstracts must be submitted online via the conference website by Feb. 27th for both oral and poster presentations.** Further technology instructions for oral presentations will be sent to presenters in March. The presentation rooms will be accessible prior to each session for speakers to prepare for their talk. Oral presentations are scheduled in 15-minute increments. Please plan on a 12-minute talk followed by 3 minutes of questions. All oral presentations will begin at the scheduled time.

For optimal display, posters should be limited to 36 inches high x 48 inches wide. Poster sessions for all disciplines will be 9:00-11:00 AM Saturday morning with setup time 7:30-8:30 AM. Posters will be displayed in the STEM Building Conference Center 1st Floor. Displaying supplies will be provided.

## JAAS Publication

Manuscripts based on a presentation given at the meeting may be submitted to the *Journal of the Arkansas Academy of Science* for publication in Volume 77. Please ensure that manuscripts are submitted to the Journal website (<https://scholarworks.uark.edu/jaas/>) by the new due date, **April 30, 2023**. Manuscripts submitted after this date will likely be held over for consideration in Volume 78 in 2024. Manuscripts not based on a

presentation at the annual AAS meetings will not be considered for review.

Authors must follow instructions for prospective authors found on the Academy website (<http://www.ArkansasAcademyofScience.org>) under the Journal tab. Authors that fail to follow these instructions may be asked to revise their manuscript to bring it in line with instructions before it goes out for review. Any questions may be directed to the Editor-in-Chief of the Journal (Dr. David McClellan: [jarksci@gmail.com](mailto:jarksci@gmail.com)).

The Journal encourages submission of manuscripts in the following areas (and other areas) of science:

- Behavioral Science
- Biochemistry
- Bioinformatics
- Cell Biology
- Computer Science
- Ecology
- Engineering
- Evolutionary Biology
- Geoscience
- Invertebrate Biology
- Molecular Biology
- Physics
- Psychology
- Science education
- Vertebrate Biology

# Keynote Speaker\*



**Rebecca Todd**  
**Innovation Specialist**  
**Presentation Title**

**The Small Business Innovation Research (SBIR)/Small Business Technology Transfer (STTR) program – a resource to develop and implement impactful research.**

The SBIR/STTR program awards \$4B annually to small businesses and their partners to conduct research and development work that brings new and needed products and services from idea stage all the way to commercial-readiness level. The program encourages participation by all people, including women, people of color, people with disabilities, and entrepreneurs located in all 50 states and U.S. territories. This program grows sustainable companies and high-tech jobs across the nation.

Rebecca Todd serves as the grant writer for BioVentures, LLC. BioVentures is the technology commercialization arm of the University of Arkansas for Medical Sciences (UAMS). Todd assists the BioVentures executive team in all facets of creating competitive extramural funding proposals. She identifies opportunities and works with the executive team to craft applications and create reports for post-award monitoring. Todd assists in completing writing, editing, research, submission, and reporting tasks for written documents ranging from grant proposals, manuscripts, abstracts, presentations, nominations, biographies, profiles, and other assignments that support UAMS/BioVentures grant applications. Todd has 14 years of experience with helping innovative small businesses explore and respond to federal funding opportunities in the Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) program. In her previous role as innovation specialist with the Arkansas Small Business and Technology Development Center, she assisted research-based companies across the state with winning 91 SBIR/STTR awards totaling more than \$37 million dollars.

Rebecca Todd has a master's degree in professional and technical writing from UA Little Rock and has master's and bachelor's degrees from the University of Arkansas, Fayetteville. Previously she was a technical writer at Dassault Falcon Jet. She is a certified technology counselor and a Certified Business Advisor®

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**Editor's Corner:** I have been contacting different Universities for a Liaison Officer to AAS. I have names from ATU, HSU, PSC, SAU, UARK and ASU. So if you are interested to serve the AAS, please feel free to contact me: R. Panneer Selvam, UARK, email: [rps@uark.edu](mailto:rps@uark.edu), ph: (479)575-5356

Please feel free to give your feedback to improve the news items.

## Tentative Schedule of Events

2/27/2023	Last day to submit abstracts for oral and poster presentations
3/15/2023	Undergraduate Research Award Proposals due
4/30/2023	Final deadline for submission of JAAS manuscript for review
3/31 to 4/1/2023	Annual AAS Meeting, UAPB

## Conference Schedule at a Glance

### Friday, March 31st

10:00-12:00	Executive Committee Meeting (STEM building conference Rm 213)
11:00-6pm	Vendors (STEM building 1st floor)
12-5:45pm	Registration (STEM Center lobby)
12:30-12:45	Opening session (STEM center 1-3)
1:00-5:00pm	Oral Presentations (STEM building)
5:00-6:30pm	Networking Break
6:30-8:00pm	Banquet and Keynote Address (H.O. Clemmons Arena-HYPER Complex)
8:00-10pm	Student social (H.O. Clemmons Arena-HYPER Complex)

### Saturday, April 1st

7:30-8:30	Poster setup (STEM building 1st floor)
8:30-9:00	Registration (STEM building Lobby)
9:00-11:00	Poster session (STEM building 1st floor)
9:00-12:00	Art Exhibition (STEM building Rm AR/VR 1)
10:00-12:00	Brunch
11:00-12:00	Judge meeting (STEM building Rm-213) Tour of campus: Research Facilities, University Museum
12:00-1:30	Business Meeting/Awards (STEM center 1-3)

## 2022 AAS Executive Officers

### **Dr. Todd Tinsley President**

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**Please mail membership dues to the above address!!!**

### **Dr. David A McClellan**

#### **Editor-in-Chief & Managing Editor AAS Journal**

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**Aren't you the right person to step up to a leadership role?**

## Journal of the Arkansas Academy of Science (JAAS):

Manuscripts for publication in *JAAS*, based on a presentation given at the meeting, will be due **April 30, 2023**. At least one of the authors must be a member of AAS.

Manuscripts must be submitted to the JOURNAL website: <http://scholarworks.uark.edu/jaas/>. Authors and co-authors who have submitted manuscripts via the system previously, should use the contact/email and password that they used previously. New authors should follow instructions on the site to establish their profile. Authors can subsequently update their profile with any changes to their contact and account info as necessary. Should you have any problems, please contact the Editor-in-Chief ( [jarksci@gmail.com](mailto:jarksci@gmail.com) )

### **Comments for Prospective Authors**

Authors are required to use the instructions found on the AAS website in preparing manuscripts submitted for publication in the JOURNAL. Authors are directly responsible for the major formatting of their article and, thus, manuscripts must be properly formatted PRIOR to submission. **Of particular importance is proper setting of margins, line and paragraph spacing.** Figures and tables must be inserted into their appropriate locations in the manuscript. A caption should be written under each figure and above each table. The editor and printer do no significant retyping or editing and only act to assemble the Journal. The electronic copy of the manuscript (word document, not pdf) should be a single file. To view and/or download new instructions visit the Academy website. Please note that after successful review **the final product submitted by the authors will be the published document in the Journal.**

All manuscripts must be submitted electronically via the JOURNAL website: <http://scholarworks.uark.edu/jaas/> with the entire review and publication procedure being handled via the server. Please allow time to get use to the new system if you have not used it before. E-mailed manuscripts will no longer be accepted.

**To avoid rejection at Editorial review, PLEASE read the instructions for prospective authors** found on the Academy website: <http://www.arkansasacademyofscience.org/aasjournal.html> (**Journal tab**). The instructions and policies can also be accessed by following the links from the Journal web site.

**Awards competition for student presentations at the AAS Meeting:** Students commonly present results of their research at the annual meetings of the Arkansas Academy of Science. Our award competition seeks to recognize outstanding presentations made by these students. Categories for oral presentation awards include Life Science and Physical Science, at both the undergraduate and graduate levels of competition. Certificates and cash awards may be given for first place (\$100), second place (\$50), and third place (\$50). Awards for the best overall undergraduate and graduate poster presentations will also be made.

Student presenters interested in any of these competitions should indicate their desire to compete on their submitted abstract. Presentations and posters not specifically entered into the competition will not be judged, nor will they be eligible for an award.

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## **Arkansas Academy of Science PERMANENT ONLINE HOME:**

**AAS Web Pages:** The official website of the Academy now has a permanent public portal whose web address will never change although internal links for member pages might whenever the host migrates. Always access the online Academy pages from the permanent public portal...

**<http://www.ArkansasAcademyofScience.org>**



## Conference Accommodations

This year, AAS attendees could choose one of two options for accommodation. Attendees can choose to book hotel rooms in Little Rock and drive down to Pine Bluff for the conference. This option is at one's own discretion. The recommended option, however, is to book rooms at special rates for the Arkansas Academy of Science annual meeting in Pine Bluff, AR. Links provided below for the hotels will also be made available at the conference website ([conference website](#)) under the *Lodging tab*. These hotels are conveniently located on I-530 and AR 65. The hotels in Pine Bluff are clustered in two areas: White Hall Hotels and Saracen Casino Area Hotels.

For White Hall Hotels, take Exit 34 on I-530. The Saracen Casino Area Hotels are across highway 65 opposite the Saracen Casino at HYW 65 and Market Street. We ask that you reserve your rooms early to get the best rate.

### White Hall Hotels

<b>Holiday Inn Express and Suites White Hall</b>	7800 SHERIDAN ROAD, WHITE HALL, AR <a href="#">(870) 247-7000</a>
<b>TownePlace Suites by Marriott White Hall</b>	8531 Sheridan Road, White Hall, AR <a href="#">(870) 939-4500</a>
<b>Super 8 by Wyndham White Hall</b>	8000 Sheridan Way, White Hall, AR <a href="#">(870) 277-1881</a>

### SARACEN CASINO AREA HOTELS

<b>Holiday Inn Express Pine Bluff - Pines Mall</b>	2903 Pines Mall Drive, Pine Bluff, AR - Pine Bluff <a href="#">(870) 534-1810</a>
<b>Best Western Presidential Hotel &amp; Suites</b>	3104 Market Street, Pine Bluff, AR <a href="#">(870) 535-6300</a>
<b>Quality Inn &amp; Suites Pine Bluff</b>	2809 Pines Mall Dr., Pine Bluff <a href="#">(870) 535-5300</a>

## Directions and Conference Parking

There will be adequate free parking near the STEM conference Center. The parking area adjacent to the STEM building will be reserved for the AAS Executive Committee members. The Executive Committee Members should identify themselves to campus police once they get to the STEM Building Conference Center. All other attendees will be directed to parking areas opposite the STEM Building Conference Center. The conference website will have maps and directions to campus as well as maps indicating parking and building layouts.

## Organizing Committee

Ebo Tei, ORSP, Chair	Joseph Onyilagha, Vice Chair	Zeeshan Habeeb, Secretary
Suzette Goldman, Hospitality	Jerri J, James, Public Relations	Bridgett W. Pinkins, Public Relations
Mary Hester-Clifton, Website Design	UAPB Research Forum Committee Members	

Contact the following with any questions: Ebo Tei: [teie@uapb.edu](mailto:teie@uapb.edu) 870.757.8750  
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# Arkansas Academy of Science

## Undergraduate Research Awards

(up to \$1500)

Applications available at

<http://www.arkansasacademyofscience.org/aasnewsletter.html>

**Applications are due: March 15, 2023**

**To send applications or for more information**  
**contact:**

**Dr. Stephen R. Addison    [saddison@uca.edu](mailto:saddison@uca.edu)**  
**(501) 450-3199**

