In This Issue:
- **AG2PI Future Events**
- **PubAg**
- **Funded Seed Grants:**
  - **Deliverables available on AG2PI website**
- **USDA NIFA AG2PI Program**
  - **New awards**
  - **Future awards**
- **Upcoming Events from AG2PI Partners**
- **Past Events**
  - **Stay Connected**

AG2PI FUTURE EVENTS

AG2PI field days will resume in January 2024 and are currently being planned. Stay tuned for additional information!

PubAg

Adding published works to PubAg: Per DR 1020-006, peer-reviewed publications from scientific research supported partially or wholly by USDA funds, or a co-op agreement, in fiscal year 2023 or beyond must be submitted to PubAg. This includes any research that received direct funding from USDA on or after October 1, 2022 and any articles published on or after October 1, 2022 related to USDA-funded research. Submit to https://submit.nal.usda.gov/

Questions regarding the PubAg portal should be sent to the National Agricultural Library (https://www.nal.usda.gov/about-the-library).

FUNDED SEED GRANTS

Did you know? Funded seed grant projects can be viewed on the AG2PI website, including project narratives and deliverables, like publications, data sets, and recordings of workshops. Visit https://www.ag2pi.org/resources/ag2pi-funded-seed-grants/ for details.

USDA NIFA AG2PI PROGRAM

New awards announced: From USDA NIFA website (https://www.nifa.usda.gov/about-nifa/announcements/nifa-invests-23m-agricultural-genomes-phenomes-initiative) two awards were made, as follows:

- An award to the University of California, Davis will fund development of methods to effectively promote open science and collaborative efforts in agriculture while directly addressing confidentiality concerns by using homomorphic encryption techniques. Educational efforts will development new materials to provide advanced training in the application of these methods toward genome to phenome research.
- Bridging the gap between genetics and traits while accounting for interactions between weather and environment remains a critical challenge in crops and livestock breeding and production. An award to Iowa State University will bring together diverse disciplines to develop models that predict trait expression in diverse conditions using data types that include gene expression sets, and genetic variation from diverse populations of individuals. The project will employ statistical models that are applicable across both crops and animals.

Future awards will be announced on the USDA NIFA Requests For Applications calendar at https://www.nifa.usda.gov/grants/upcoming-request-applications-calendar

UPCOMING EVENTS FROM AG2PI PARTNERS & ASSOCIATES

NAPPN: The NAPPN Annual Conference, February 13-15, 2024, at Purdue University in West Lafayette, IN, has extended their call for Abstracts to an October 30th deadline. Submission instructions can be found at https://www.plantphenotyping.org/speakerssubmit

Conference registration information can be found at https://www.plantphenotyping.org/conference-registration. Early Bird discount ends on 12/1/2023. There is also an application to be considered for travel funding to attend the 2024 conference, which can be foundat https://www.plantphenotyping.org/travel-awards.

AgBioData: The AgBioData consortium embraces the Findable, Accessible, Interoperable, and Reusable (FAIR) principles to facilitate and maximize the accessibility and reuse of large-scale data in agricultural research. Visit their website for information on joining their mailing list for their monthly webinars or to join a working group.

Recordings of past meetings can be found on their YouTube channel (https://www.youtube.com/@agbiodataconsortium748). Their latest recording is from their DEI Recruiting Working Group which had an open meeting October 16 about establishing relationships with the 1890's Land Grant Community. They hosted Dr. Louis Whitesides, Vice President and Executive Director of the 1890 Land Grant Programs, Dr. Alton Thompson,

Executive Director, Association of 1890 Research Directors (ARD), and Dr. Pat Millner, Research Microbiologist at the USDA-ARS.

FAANG Consortium: The FarmGTEx Task Force, under the FAANG consortium, is accepting new members. If you would like to receive updates, participate in upcoming events or discussions regarding to FarmGTEx projects and future directions, then you can join the Task Force by following the below instructions:

1. If you have the FAANG membership, you can directly login your account, then select FarmGTEx Task Force Under Manage/Elect your membership.
2. If you haven't joined the FAANG, please go to FAANG.org and join the membership, then follow the instruction above to join FarmGTEx Task Force.

Please contact Huaijun Zhou (hzhou@ucdavis.edu) if you have questions

AI in Agriculture Conference: Texas A&M is partnering to host the third annual AI in Agriculture Conference in College Station, April 15 - 17, 2024. They are following in the footsteps of Auburn and University of Florida to address multiple aspects of the USDA agriculture innovation agenda—by building shared-knowledge of our diverse research strengths, creating new networking partnerships, and identifying topic areas where innovation, policy change, or outreach is needed. Registration and abstract submission will be open to all once the site is available: the website should go live soon.

ASA-CSSA-SSSA International Annual Meeting: This conference, October 29-November 1, 2023 in St. Louis, MO, will include special sessions by AG2PI funded seed grant projects.

- October 30, 8:45 AM: Talk titled, "Open-Source Online Platform for UAS High Throughput Phenotyping (HTP) Data Management" by members of Coconut grant project led by Dr. Jung (Purdue University) https://scisoc.confex.com/scisoc/2023am/meetingapp.cgi/Paper/154040
- November 1, 8-10:50 AM: Special session titled, "Computation Design for Changing Cropping Systems" is organized by the Round 3 seed grant project led by Dr. Kantar (University of Hawaii).

PAG XXXI: The Cattle/Sheep/Goat (1 and 2), and Cattle/Swine Workshops at PAG are currently being prepared for the following times:
- Cattle/Swine: January 13, 2024, 8:00am -12:40pm
- Cattle/Sheep/Goat 1: January 13, 2024, 1:30 -6:10pm
- Cattle/Sheep/Goat 2: January 14, 2024, 8:00am -12:40pm

If you are interested in presenting at any of these sessions, please email Dr. Andrew Hess (ahess@unr.edu) with the following information by October 30, 2023:
Name
Email
Affiliation
Tentative title and Abstract

Preference (if any) for which session you would like to present in. We will try our best to accommodate these requests.

Regarding the conference, generally, the following are deadlines for poster abstract submission via the portal conference https://www.intlpag.org/31/abstracts/poster-submission
- Poster Abstract Submission Deadline - November 3, 2023
- Poster Abstract Editing Deadline - December 31, 2023 - *After this date, edits can be made upon request only*
- Late Poster Abstract Submission Deadline - January 10, 2024

PAST AG2PI EVENTS
Recordings of previous field days, workshops, and conferences are accessible on the AG2PI website and YouTube channel.

Stay Connected!
AG2PI encourages community building and is committed to helping forge new connections between and among members and institutional partners. Follow us on X/Twitter (@AG2PI), LinkedIn (AG2PI) and YouTube (@ag2pi89).

_____

The Agriculture Genome to Phenome Initiative (AG2PI) is a three-year project funded by the U.S. Department of Agriculture's (USDA) National Institute of Food and Agriculture (NIFA) awards 2020-70412-32615, 2021-70412-35233 and 2022-70412-38454 to build communities that address the challenges of genome to phenome (G2P) research across crops and livestock. AG2PI partners include Iowa State University, University of Nebraska, University of Arizona, University of Idaho, and the Iowa Corn Promotion Board.

Contact AG2PI: https://www.ag2pi.org/contact-us/
Social Media: Twitter @AG2PI   YouTube   LinkedIn