SCINet and AI COE Fellows Conference 2021

**Agenda: November 9th, 2021**

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| 9:30am to 10am ET | Welcome with Dr. Debra Peters, Acting Science Information Officer and Dr. Steve Kappes, Associate Administrator |
| 10:00am-12:05pm ET | Listen to Fellows of the Big Data cohort present their innovative research and other ORISE Fellow activities. Moderator: [Melanie Kammerer](mailto:melanie.kammerer@usda.gov)  *10:00am Kerrie Geil- Selecting climate projections for your research based on climate model performance metrics*  *10:20am Michael Alcorn- What can AI do for Ag?*   *10:40am Amy Hudson- Drivers of continental-scale climate and resulting dynamics in agro-ecosystems and disease*  *11:00am Melanie Kammerer- Putting flowers on the map: quantifying landscape floral resources for bees*  *11:20am Shawn Taylor- TBA*  *11:40am Lucas Heintzman- Examining land cover dynamics of Chihuahuan Desert rangelands using imagery* |
| 12:05pm-12:45pm ET | Break |
| 12:45pm-2:15pm ET | Fellow presentations continued. *Moderator:* [*Keo Corak*](mailto:keo.corak@usda.gov)  *12:50pm Jennifer Chang- TBA*  *1:10pm Keo Corak- TBA*  *1:30pm Alicia Foxx- Variability accounting methods in metagenomic and amplicon meta-analyses*  *1:50pm Andrew Oliver- Diet, lifestyle, and microbiome predictors of antimicrobial resistance in a healthy US cohort* |
| 2:15pm-2:30pm ET | Break |
| 2:30pm-3:30pm ET | Time for National Program Leaders and Research Leaders to reflect and discuss what they get excited about from listening to the Fellows. *Moderators:* [*Andrew Oliver*](mailto:aoliver2@uci.edu) *and* [*Shawn Taylor*](mailto:shawn.taylor@usda.gov)  *Participants confirmed: Brian Scheffler*  *Participants unconfirmed: Kevin Hackett, Tim Rinehart, Jane Johnson* |
| 3:30pm-4:30pm ET | Guest Speaker Dr. Daniel Ferguson, Director, Climate Assessment for the Southwest (CLIMAS), Assistant Professor, Department of Environmental Science, University of Arizona, Tucson, AZ. Building and sustaining successful inter- and transdisciplinary research collaborations followed by a Fellow guided open discussion with Research Leaders, Grand Challenge leaders, and scientists. *Moderator:* [*Kerrie Geil*](mailto:kerrie.geil@usda.gov)  *Participants confirmed: Dan Fergusen, Gloria DeGrandi-Hoffman, Justen Derner, Bill Kustas*  *Participants unconfirmed: Pete Kleinman* |
| 4:30pm-4:45pm ET | End of day remarks |

**Agenda: November 10th, 2021**

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| 10:45am-11:00am ET | Opening remarks |
| 11:00am-12:00pm ET | Organizational Structure and Matrix Management. A Fellow moderated panel discussion with input from National Program Leaders, Area Directors and Research Leaders. *Moderator:* [*Michael Alcorn*](mailto:malcorn.jrn.lter@usda.gov)  *Participants confirmed: Kim Cook, David Bjornberg*  *Participants unconfirmed: Mike Grusak-Center Director, Benjamin Rosenthal-RL, Teferi Tsegaye-NPL* |
| 12:00pm-1:00pm ET | SY Positions in the Age of Big Data. A Fellow moderated panel discussion about the intersection between the analytics revolution and talent development including National Program Leaders and Research Leaders. *Moderator:* [*Lucas Heintzman*](mailto:lucas.heintzman@usda.gov)  *Participants confirmed: Sarah Beebout, Chad Boyd, Peter Vadas, Kenneth Sudduth, Larry Chandler,*  *Dawn Gundersen* |
| 1:00pm-1:30pm ET | Break |
| 1:30pm-3:00pm ET | *Onboarding Challenges Working Group. Discuss mentor preparation and administrative coordination to improve the ORISE Big Data Cohort Experience. Working group to include Fellows, ORISE representative, ORISE mentors, and USDA Post-Doctoral Committee representative. Moderator:* [*Lucas Heintzman*](mailto:lucas.heintzman@usda.gov)  *Participants confirmed: Chelsea Gibson, Kristin Duffield, Andrew Severin*  *Participants unconfirmed: Adam Rivers, Matthew Hillyer* |
| 3:00pm-3:30pm ET | Closing Remarks |