**NASA EPSCoR Technical Monitor Visit**
**Thursday, September 15, 2022**
**EIB 413**

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| 9:00 am -9:05 am | Welcome and Introductory remarks |
| 9:05 am -9:25 am | Dr. Raghu Srinivasan, College of Engineering, UAA<br>***Development of Test Sites across Alaska to Study Atmospheric Corrosion of Metal Alloys Exposed to Cold Arctic/Sub-Arctic Climate**** |
| 9:25 am -9:45 am | Dr. Chokri Sendi, College of Engineering, UAA<br>***Near Real-time Detection and Prediction of Wildfire in the Alaskan Region*** |
| 9:45 am -10:05 am | Dr. Oleg Shiryayev, College of Engineering, UAA<br>***Fiber Optic-Based Sensing at UAA*** |
| 10:05 am -10:25 am | Dr. Lei Zhang, College of Engineering, UAF (Via zoom)<br>***Coatings for corrosion protection of AA2024-T3 aluminum alloy*** |
| 10:25 am -10:40 am | Break |
| 10:40 am -11:00 am | Dr. Kynan Hughson, College of Arts and Science, UAA<br>***A Comparative Morphometric Analysis of Terrestrial Pingos and Potential Pingo Analogs on the Dwarf Planet Ceres*** |
| 11:00 am -11:20 am | Dr. Raghu Srinivasan, College of Engineering, UAA<br>***Predicting Atmospheric Galvanic Corrosion of Aluminum using Accelerated Laboratory Electrochemical Experiments**** |
| 11:20 am -11:40 pm | Dr. Simon Kattenhorn, College of Arts and Science, UAA<br>***Tectonics on icy moons: Relevance to Europa Clipper and other potential future missions*** |
| 11:40 pm -12:00 pm | Dr. Thomas Raven, College of Engineering, UAA<br>***Coastal Hazards and Risk in Arctic Alaska and the importance of NASA data*** |
| 12:00 pm -12:20 pm | Dr. Brandon Briggs, College of Arts and Science, UAA<br>***Astrobiology and Biotechnology in Alaska's extreme environments*** |
| 12:20 pm-12:40 | Dr. Erin Hicks, College of Arts and Science, UAA (Tentative)<br>***A Multiwavelength Perspective of Galaxy Evolution & Increasing STEM Student Retention through Engagement in NASA Science**** |
| 12:40 pm-12:50 pm | Dr. Raghu Srinivasan, College of Engineering, UAA<br>***Corrosion Chemistry: Inspiring Future Corrosion Workforce by Engaging Middle School Students*** |
| 12:50 pm -1:00 pm | Closing Remarks |

*NASA EPSCoR CAN award talks

# NASA EPSCOR AND SBIR/STTR INFORMATIONAL SESSIONS

- NASA EPSCoR and SBIR/STTR personnel are visiting UAA to discuss their programs and funding opportunities.
- We have two opportunities for networking: one-on-one and informational sessions.
- Please join us (in-person or via Zoom) on September 16th, Friday, from 9:30 am to 11:30 am.

### One-on-one session

SEPTEMBER 14 (WEDNESDAY) AT ECB 304 *

- 9:00 AM -4:00 PM -MULTIPLE ONE-ON-ONE SESSION WITH NASA EPSCOR ABOUT NASA/NSF FELLOWS ADVANCING IN SCIENCE AND TECHNOLOGY (FAST) OPPORTUNITIES

### One-on-one session

SEPTEMBER 16 (FRIDAY) AT ECB 304 *

- 1:00 PM - 4:00 PM -MULTIPLE ONE-ON-ONE SESSION WITH NASA EPSCOR ABOUT NASA/NSF FELLOWS ADVANCING IN SCIENCE AND TECHNOLOGY (FAST) OPPORTUNITIES

### Informational session

SEPTEMBER 16 (FRIDAY) AT EIB 413 OR ZOOM*

- 9:30 AM-10:30 AM – NASA EPSCOR FUTURE OPPORTUNITIES FOLLOWED BY Q&A (ALI SHAYKHIAN, PH.D.)
- 10:30 AM -11:30 AM – NASA JOHNSON SPACE CENTER, SBIR/STTR OPPORTUNITIES, FOLLOWED BY Q&A (DOUG GOODMAN AND KATHY PACKARD)
- 11:30 AM-12:30 PM – TOUR OF FACILITIES AND LABS

* Please contact Dr. Ali Shaykhian via email (ali.shaykhian@nasa.gov)or text (321-289-0512) to schedule one-on-one meetings to talk about EPSCOR opportunities

*Zoom link:
https://alaska.zoom.us/j/85229658389?pwd=Wk51TEtMc3BGQWQ5OHlIT3JsclpmZz09
Meeting ID: 852 2965 8389
Passcode: 615014

Contact Dr.Raghu Srinivasan - rsrinivasan2@alaska.edu for more details

## NASA'S Established Program to Stimulate Competitive Research (EPSCoR)

The EPSCoR provides cooperative agreement opportunities designed to establish partnerships between government, higher education, and industry in an effort to build stronger research and development capabilities in the 28 jurisdictions (states or regions). The program strives to improve a jurisdiction's research infrastructure to a level such that its research and development programs contribute to its economic development.

## NASA'S Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR)

SBIR is a competitive program where companies conduct research for NASA and other agencies. This program will be discussed as it relates to STTR, which is a solicitation that facilitates cooperative R&D between small businesses and US Research Institutions. An overview of the program, tips for participating, and the new M-STTR solicitation geared toward Minority Serving Institutions (MSIs) will be presented.