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Awardees: Past and Present

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Past and present winners of the President's Strategic Initiative Fund Awards.

2021 Cohort: \$487,774 awarded

Scientific Research Award

Proof of Concept: Modeling hail trajectories and the water isotopic composition of the hail to better understand hail formation and hailstorms

- Mid-project report
- Final report

Towards actionable science: Assessment of water availability under climate change and climate intervention scenarios

- Apps
- Mid-project report
 - Final report

Administrative Opportunity Fund

Developing competencies and collaboration network to design scientific visualizations that are accessible to people who are blind/vision impaired

- Mid-project report
- Final report

Cooperative approach to compliance training

- Mid-project report
- Final report

Creating a cross-institution strategy to effectively engage with Latinx/Hispanic Communities

- Mid-project report
- Final report

Wildfire Special Award

Developing an actionable strategic and transformational approach to building an integrated wildfire prediction system

- Mid-project Report
- Final Report

Apps

UCAR President's Leadership Fellowship

(Coming soon!)

2020 Cohort: \$406,350 Awarded

Scientific Research Award

Physics and Connectivity Informing Reef Conservation: an interdisciplinary study of coastal oceanography of the eastern tropical Pacific

- Mid-project Report
- Final Report

Development of Hydrologic Risk Assessment Tools for Energy Investment Decisions on United States Tribal Lands

- Mid-project Report
- Final Report

Administrative Opportunity Fund

UNEION Beyond

- Mid-project Report
- Final Report

Apps **Building UCAR Augmented and Virtual Reality (AR/VR) Capacity for Engaging Communities**

- Mid-project Report
- Final Report

Scientific and Engineering Leadership Fellowship

Cindy L. Bruyère – Project to pilot a new model for developing private/public partnerships at UCAR/NCAR

2019 Cohort: \$377,108 Awarded

Scientific Research Award

Strategic Development of a Cloud-based Data Infrastructure for Hurricane Mobile Apps

- Mid-project Report
- Final Report

Development of Innovative Low-cost Air Quality and Soil Sensors to Support Research and Operations

- Mid-project Report
- Final Report

**Developing a Capacity for Geoengineering Modeling
Apps, Research at NCAR/UCAR Using an Integrative**

Approach

- Mid-project Report
- Final Report

Administrative Opportunity Fund

UCAR Senior Leadership Development Program

This project is deferred to Fiscal Year 2021.

Business Operations Improvement and Training Approach Model for UCP/NCAR Administration Using a Lean Approach

- Mid-project Report
- Final Report

A UCAR Strategy for Effective Engagement of U.S. Minority Serving Institutions in Research, Technology, and Education

- Mid-project Report
- Final Report

Scientific and Engineering Leadership Fellowship Final Report

Apps

Sarah Tessendorf – Pilot project to develop a formal mentorship program that can be scaled to serve the whole organization

- Final Report
 - [Mentorship Pilot Program Webinar](#)
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2018 Cohort: \$203,000 Awarded

CYGNSS Reflectometry Flood Inundation Products to WRF-Hydro Output for the August 2017 Hurricane Harvey Storm

- Mid-project Report
- Final Report

Building Integrative Prediction Capacity for Western U.S. Water

- Mid-project Report
- Final Report

Business Development Bootcamp

- Mid-project Report
 - Final Report
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Apps

Apps