



February 03, 2021

Research Funding Opportunities

Organization: NSF **Solicitation Name:** Communications, Circuits, and Sensing-Systems (CCSS) **Due Date:** Open **Summary:** The Communications, Circuits, and Sensing-Systems (CCSS) Program supports innovative research in circuit and system hardware and signal processing techniques. CCSS also supports system and network architectures for communications and sensing to enable the next-generation cyber-physical systems (CPS) that leverage computation, communication, and sensing integrated with physical domains. CCSS invests in micro- and nano-electromechanical systems (MEMS/NEMS), physical, chemical, and biological sensing systems, neurotechnologies, and communication & sensing circuits and systems. Three overarching areas with subareas include: RF Circuits and Antennas for Communications and Sensing, Communication Systems and Signal Processing, and Dynamic Bio-Sensing Systems **Link:**

ARL (1)
DOI (1)
NSF (1)

Link: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505248&org=ENG&sel_org=ENG&from=fund

Organization: Department of Interior **Solicitation Name:** WaterSMART **Due Date:** March 18, 2021 **Summary:** Through Small-Scale Water Efficiency Projects, Reclamation provides assistance to States, Tribes, irrigation districts, water districts, and other entities with water or power delivery authority to undertake small-scale water efficiency projects that have been prioritized through planning efforts led by the applicant. These projects conserve and use water more efficiently; mitigate conflict risk in areas at a high risk of future water conflict; and accomplish other benefits that contribute to water supply reliability in the western United States. **Link:** <https://www.grants.gov/web/grants/view-opportunity.html?oppId=331224>

Organization: ARL **Solicitation Name:** BAA for Synthetic Biology **Due Date:** Various **Summary:** The technical scope of the initiative is defined along the following thrust areas: 1) Predictive Design of Engineered Biological Materials, 2) Predictive Design of Engineered Cellular Systems in Defined Environments. Sub-areas within in this thrust could include: comprehensive sampling of the biological material property landscape; material analytical characterization tools; predictive design tools. Additional Sub-areas within this thrust could include: genetic modification of consortia; stability of engineered biological modifications; control of engineered function **Link:** <https://www.grants.gov/web/grants/view-opportunity.html?oppId=329839>

Monica Kessel

Grant Development
Managermonica.kessel@usu.edu

(435) 797- 7125

ENGR 413N