



U.S. DEPARTMENT OF  
**ENERGY**

Office of  
Science

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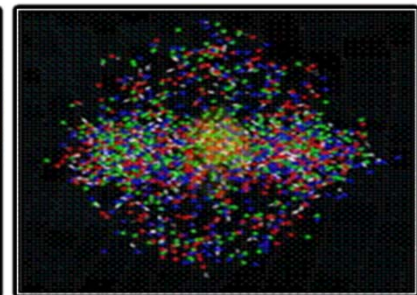
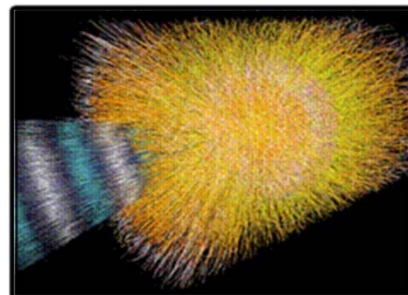
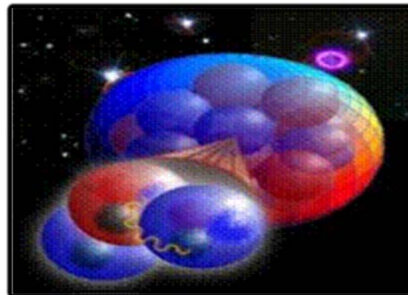
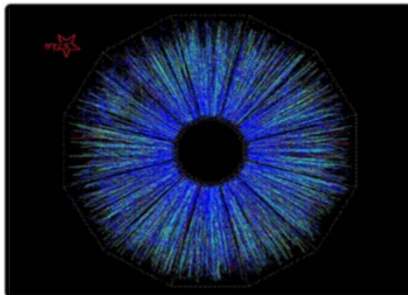
## WANDA 2021

### Nuclear Data Activities

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# Agenda

1. Funding Opportunity Announcements
2. Initiatives
3. “Visits” to USNDP sites

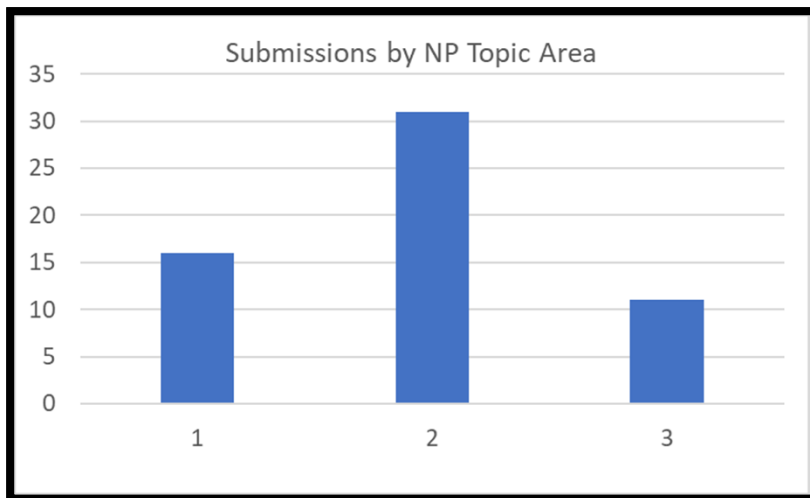


# Funding Opportunity Announcements

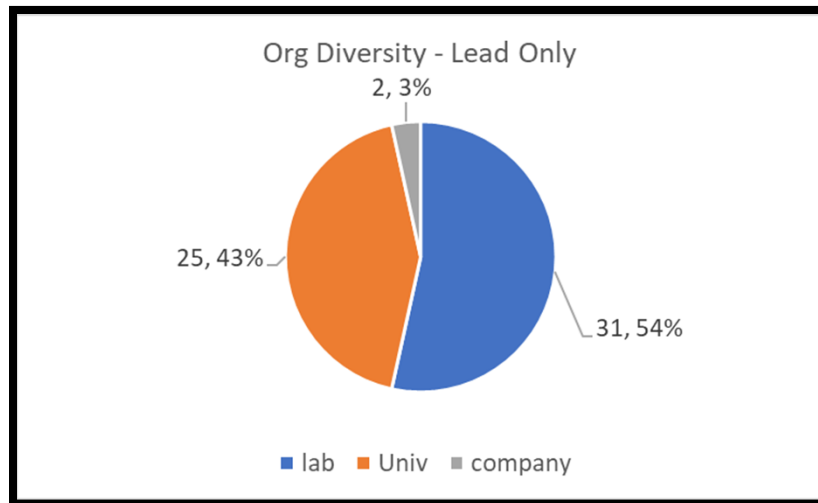
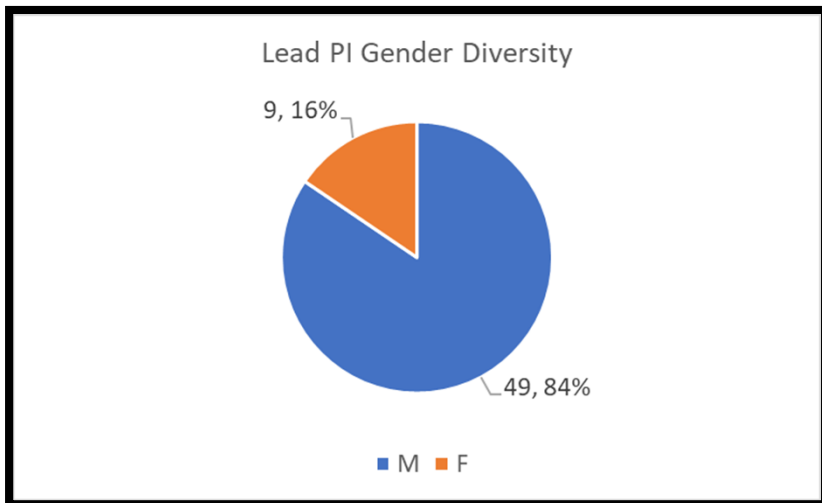
- FY19 Nuclear Data FOA
  - 7 awards (3 projects) from NP
- FY21 Nuclear Data FOA (SC-FOA-0002440)
  - Full Proposals due March 8, 2021, by 5pm Eastern
  - Direct: [https://science.osti.gov/-/media/grants/pdf/foas/2021/SC\\_FOA\\_0002440.pdf](https://science.osti.gov/-/media/grants/pdf/foas/2021/SC_FOA_0002440.pdf)
  - Webpage announcement: <https://www.energy.gov/articles/department-energy-provide-12-million-nuclear-data-research>
- NP Pilot - Research Traineeships to Broaden and Diversify Nuclear Physics (DE-FOA-0002456)
  - \$3M total to support training and research experiences for undergraduates to increase the likelihood that participants from underrepresented populations will choose to pursue a graduate degree in nuclear physics or another science, technology, engineering or math (STEM) related field.
  - Direct: <https://science.osti.gov/-/media/grants/pdf/foas/2021/DE-FOA-0002456.pdf>
  - Webpage announcement: <https://www.energy.gov/science/articles/department-energy-announces-3-million-pilot-diversity-program>

# FY21 FOA LOI Stats

- 87 total LOI submissions, 58 are with NP



- Improvements to the nuclear data pipeline
- High-impact projects covering more than 1 program area
- Basic nuclear science



## Initiatives

- Outreach to other potential federal members
  - NASA – planetary science, materials damage/radiation effects, nuclear energy
  - Fusion Energy Sciences – Materials damage

### Short Term Goals

- Build awareness of these missions and needs
- Expand nuclear data research into these areas

### Long(er) Term Goals

- Build nuclear data needs documentation across nuclear data (as much as reasonable) and identify those needs with multiple partners interested

## “Visits” to USNDP sites

- Scheduling virtual visits to all USNDP sites
  - ~Few hour technical deep dives and discussion of all activities at that site
  - Opportunity for all USNDP PIs, post-docs, students, etc. to present on work they are doing
- Intend to set up meetings with individual projects as well
- Suggestion → Open invites to nuclear data project meetings among the federal PMs