



# Integrated University Program

Scholarships & Fellowships

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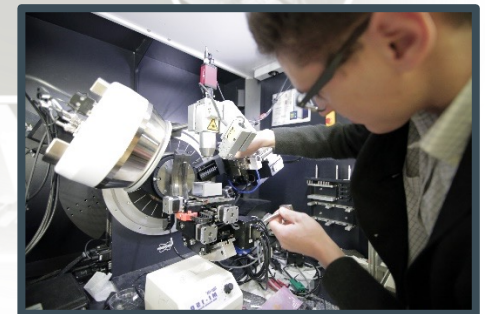
*August 9, 2021*

# Integrated University Program: Overview

- Established in 2009 through the Omnibus Appropriations Act
- Joint effort with the Department of Energy (DOE), the Nuclear Regulatory Commission (NRC), and the National Nuclear Security Administration (NNSA) to provide support for university research and development, faculty, and students in areas critical to maintaining the discipline of nuclear science and engineering
- Each agency independently manages its own portion of the program
  - DOE-NE: Scholarships and fellowships
  - NRC: Faculty development, scholarships and fellowships
  - NNSA: Multi-university consortia

# DOE IUP Objectives

- Attract the brightest students to the nuclear professions by providing undergraduate level scholarships and graduate level fellowships to students pursuing a nuclear energy-related degree
  - Enhance the research and development capabilities of U.S. universities
  - Build the next generation NE workforce, fulfilling the national demand for highly trained scientists and engineers to work in NS&E areas



# DOE IUP Funding Opportunities

- Scholarship and Fellowship Requests for Applications (RFAs)
  - Undergraduate and graduate students from two and four-year Institutions of Higher Education (IHEs) pursuing a discipline related to nuclear energy
  - Opportunities are promoted through a mailing list and website posting, as well as at various conferences and university visits
  - Up to 70 scholarships and 30 fellowships depending on funding level (~\$5M)
  - Next round of RFAs anticipated for September 2021 release
- University Funding Opportunity Announcement (FOA)
  - For universities and colleges to establish their ability to accept student scholarship and fellowship funds through IUP and manage the award on behalf of DOE-NE





# Four-year College/University Undergraduate Scholarship Program

- **Award Amounts:**

- Scholarship – \$10,000 one-year award
- Fellowship – \$161,000 over three years

- **RFA General Requirements:**

- U.S. citizen or legal permanent resident
- Beyond first year in college (scholarships only)
- Enrolled in an IUP-approved college or university determined by the FOA application
- Field of study of interest to NE
- Minimum 3.5 GPA at both undergraduate and graduate levels (fellowships)
- Minimum 3.0 GPA (scholarships)



# Trade School and Community College Scholarship Program

## Award Description:

- 2-year trade schools and community colleges
- Training nuclear energy-related technicians
- One-year, \$5,000 award
- Opportunity will be rolled into existing scholarship RFA

## General Requirements:

- U.S. citizen or legal permanent resident
- Minimum 3.0 GPA
- Enrolled in an IUP-approved institution
- Field of study of interest to NE



# Required Documents

## Scholarships:

- Personal Career Goals Essay
- Letters of Reference (3)
- Official Academic Transcripts
- ACT/SAT scores



## Fellowships:

- Personal Career Goals Essay
- Proposed Graduate Research Essay
- Letters of Reference (3)
- Official Academic Transcripts



# Fellowships: Internships and Required Reporting

## Internship

- Fellows are required to participate in a 10-week minimum internship at DOE, a DOE national laboratory, or a facility designated and approved by DOE-NE.
- An additional \$5,000 allowance is provided to offset the costs of travel and housing.
- Students work with their advisors to identify an appropriate internship.
- Fellows submit a report at the end of their internship.

## Reporting

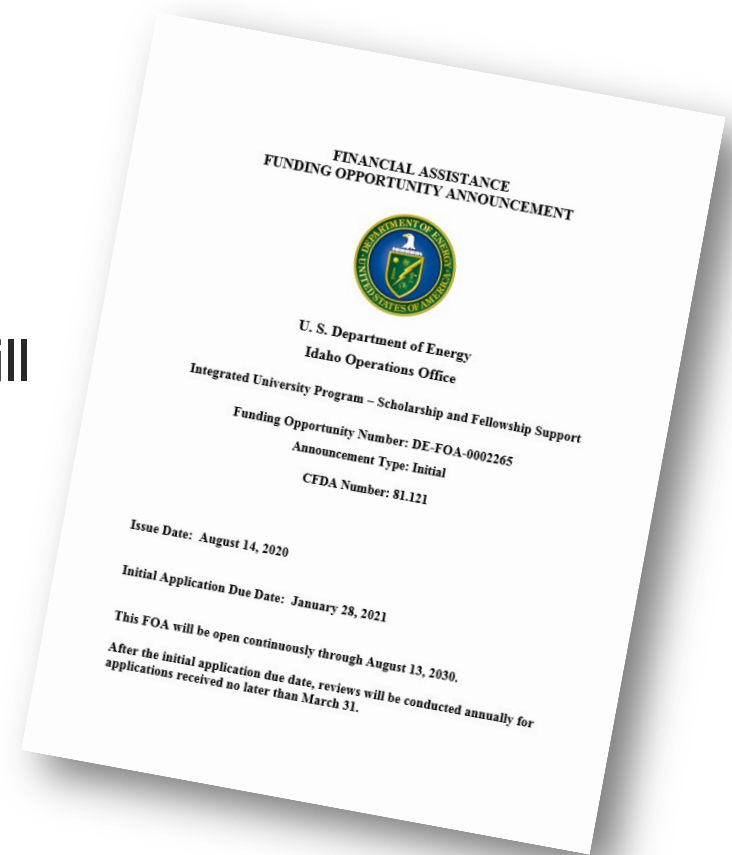
- Fellows submit an annual report at the end of each academic year, as well as a final report at the conclusion of their award.
  - Reports include accomplishments for the year, plans for the following year, and a list of presentations/papers/patents.
  - Concluding fellows also provide annual updates on career progress for up to 5 years after their award ends.

# University Funding Opportunity Announcement

- Serves as a support mechanism for annual IUP RFAs to student applicants.
- Establishes cooperative agreements between Institutions of Higher Education (IHEs) and DOE as an instrument to receive IUP funds to be administered to students.
- Under the new FOA, released October 14, 2020, NE has issued 56 cooperative agreements to IHEs.
- Provides an opportunity for U.S. IHEs to submit a new application to remain, or become, an approved IUP institution and to administer award funds.

# University FOA Details (DE-FOA-0002265)

- DOE-NE anticipates awarding cooperative agreements under this FOA
- Only one cooperative agreement award per U.S. IHE is necessary
- U.S. IHEs awarded under this FOA will be recognized for up to 13 years; however, in no event will new scholarships/fellowships be awarded after year 10 of this FOA



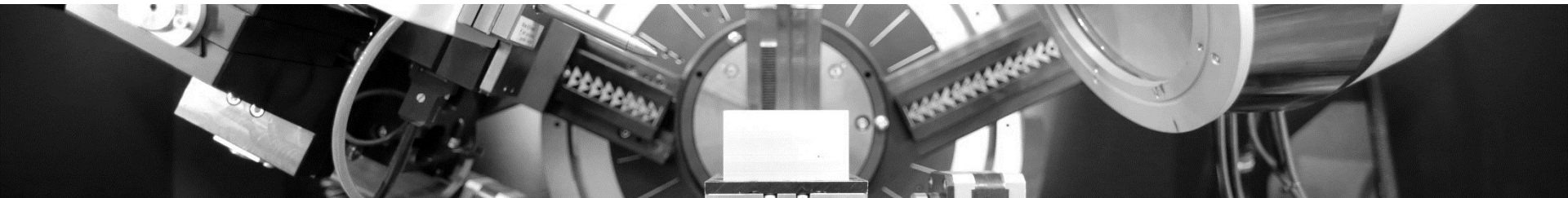


# University FOA Details (Continued)

- Funding will not be provided to IHEs when they are selected as an approved institution.
- Funding will be incrementally added to IHE accounts via an amendment to the established agreement in the amount necessary to fund annual scholarship and fellowship awards for selected students that will attend the IHE.
- The number of awards to U.S. IHEs in any given fiscal year will depend on the actual number of eligible applicants.
- No funding will be provided to any U.S. IHE unless a student has received a DOE-NE scholarship or fellowship award and is accepted or currently enrolled at that U.S. IHE.
- The selection of students to receive scholarships and fellowships through the program will occur annually via a separate DOE-NE process.

# Eligibility

- Eligibility for award is restricted to U.S. IHEs with two-, four-year, and graduate programs of student in science and engineering disciplines related to nuclear energy.
- Minority-serving Institutions (MSIs), including Tribal Colleges and Universities, Historically Black Colleges and Universities (HBCUs), and Hispanic Serving Institutions are encouraged to apply.
- U.S. IHEs with cooperative programs which share coursework between two or more U.S. IHEs to meet the above requirements are also encouraged to apply.



# IHE Responsibilities

- Comply with terms and conditions of the awarded cooperative agreement.
- Promote the U.S. Department of Energy, Office of Nuclear Energy Integrated University Program Scholarship and Fellowship Support opportunities at your school.
- Distribute scholarship/fellowship funds to enrolled students selected/identified by NE to receive scholarships/fellowships in accordance with program guidelines.
- Collect and timely submit information required for interim, annual, and final reports.
- Return any unused funds provided for each participating student(s) at completion of the school year for scholarships, or at completion of the period covered by fellowships, or as directed by DOE.
- Agree not to charge any indirect costs or charge a fee to administer the funds received. All funding is provided for the benefit of the student.

# Required Documents

- Applicants apply at [neup.gov](http://neup.gov)
- SF 424 – Application for Federal Assistance
- Program Narrative File
  - Program Description
  - Faculty Description
- Certifications and Assurances
- Principal Investigator Curriculum Vitae
- SF-LLL Disclosure of Lobbying Activities

# Contacts

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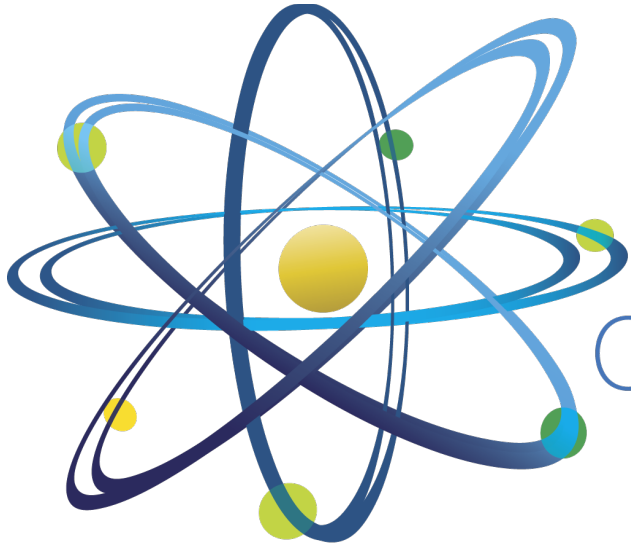
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# Questions?



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## Back-Up Slides

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# Approved Universities/Colleges

1	Abilene Christian University	16	Kansas State University
2	Alfred University	17	Kennesaw State University
3	Arizona State University	18	Massachusetts Institute of Technology
4	Auburn University	19	Mississippi State University
5	Boise State University	20	Missouri University of Science & Technology
6	Brigham Young University	21	Montana State University
7	Case Western Reserve University	22	North Carolina State University
8	Chattanooga State Community College	23	Oregon State University
9	Colorado School of Mines	24	Pennsylvania State University
10	Colorado State University	25	Purdue University
11	Florida International University	26	Rensselaer Polytechnic Institute
12	Francis Marion University	27	Texas A&M University
13	Georgia Institute of Technology	28	The Ohio State University
14	Idaho State University	29	University of Alabama
15	Illinois Institute of Technology	30	University of California, Berkeley

# Approved Universities/Colleges

31	University of California, Irvine	44	University of Notre Dame
32	University of California, San Diego	45	University of Pittsburgh
33	University of Chicago	46	University of South Carolina
34	University of Florida	47	University of Tennessee at Knoxville
35	University of Idaho	48	University of Texas at Arlington
36	University of Illinois, Urbana-Champaign	49	University of Texas at Austin
37	University of Maryland, College Park	50	University of Utah
38	University of Massachusetts, Lowell	51	University of Wisconsin, Madison
39	University of Michigan	52	Utah State University
40	University of Missouri, Columbia	53	Vanderbilt University
41	University of Nevada, Las Vegas	54	Virginia Commonwealth University
42	University of Nevada, Reno	55	Virginia Polytechnic Institute and State University
43	University of New Mexico	56	Washington State University