



***Integrity ★ Service ★ Excellence***

# **AFOSR Opportunities**

**19 June 2019**

**Julie Moses**

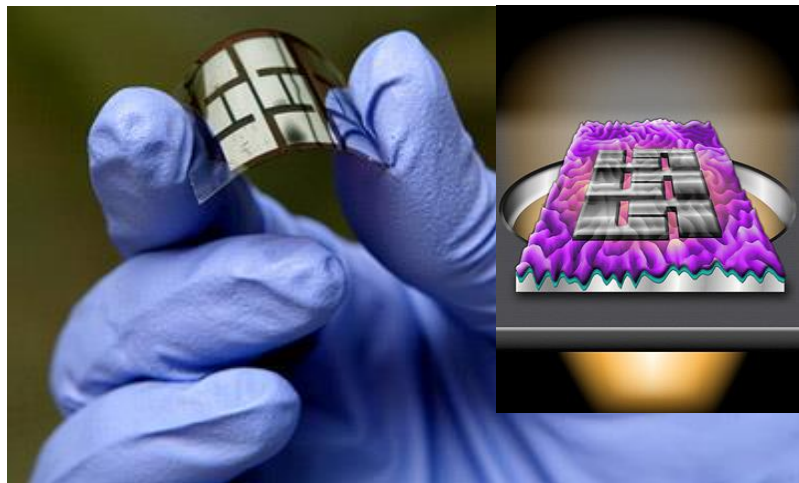
**Program Officer, Space Science**

**Air Force Office of Scientific Research**





# DoD Defense University Research Instrumentation Program (DURIP)



Flexible Low-cost Solar Cells  
Princeton University

## Description:

Supports the purchase of research equipment in support of areas of interest to the DoD. U.S. institutions of higher education with degree granting programs in science, mathematics and/or engineering are eligible to apply.

## Status:

- Posted: April
- Proposals Due: June
- Grants: \$50K - \$1.5M for 1 year
- Total Program: \$52M for all DoD

## Contact:

BAA Business Office  
[afosr.baa@us.af.mil](mailto:afosr.baa@us.af.mil)

AFOSR POC: Ms. Katie Wisecarver  
[durip@afosr.af.mil](mailto:durip@afosr.af.mil)

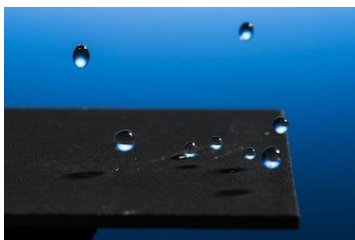
\* This is not intended to be a contract solicitation or formal announcement



# Air Force Young Investigator Research Program (YIP)



Super Water-repellent Metals  
University of Rochester



## Description:

Supports young scientists in engineers who have received Ph.D. or equivalent degrees in the last seven years. The program fosters creative basic research, enhances early career development, and increases opportunities for young investigators.

## Status:

- Expected BAA Release: March
- Expected Closure: June
- Grants: 3 years @ \$450k max
- Total Program: \$4.7M

## Contact:

AFOSR POC: Ms. Ellen Montgomery  
[afosryip@us.af.mil](mailto:afosryip@us.af.mil)

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# DoD Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MI)



## Description:

Aims to (a) enhance research programs and capabilities in scientific and engineering disciplines critical to the DoD; (b) enhance the capacity of HBCU/MI to participate in DoD research programs and activities; and (c) increase the number of graduates, including underrepresented minorities, in STEM fields.

## Status:

- Expected BAA Release: Nov
- Grants: \$200K per year, up to 3 years
- Total Program: TBD (\$18M in FY15 for all of DoD)

## Contact:

AFOSR POC: Mr. Edward Lee  
[edward.lee@us.af.mil](mailto:edward.lee@us.af.mil)

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# National Defense Science and Engineering Graduate (NDSEG) Fellowship



## Description:

DoD fellowship program for U.S. citizens and nationals enrolled in a graduate programs in science or engineering leading to a Ph.D. Fellowships are highly competitive and are awarded for full-time study and research.

## Status:

- Applications Open: Sep
- Applications Close: Dec
- Awards: Tuition, fees, insurance and stipend for up to 36 months
- Total Program: \$40M

## Contact:

This program is administered by the American Society for Engineering Education (ASEE).

Email: [ndseg@asee.org](mailto:ndseg@asee.org)

<http://www.ndsegfellowships.org>

AFOSR POC: Ms. Ellen Montgomery  
[NDSEG@afosr.af.mil](mailto:NDSEG@afosr.af.mil)

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# How to Apply for Funds



- Read and respond to Broad Agency Announcement –on grants.gov – search AFOSR BAA

## The Proposal

- White paper
- Abstract : Please say what you are going to do
- Body of proposal: Make the case for why. What is the outstanding science question?
- Research Plan: Please outline what you will do.



# Summary



- **DoD strongly supports the basic research program**
- **AF basic research:**
  - **Probes today's technology limits and ultimately leads to future technologies**
  - **Creates knowledgeable workforce in fields of critical AF interest**
- **AF basic research investments are fully coordinated**
- **Leveraging opportunities are exploited for innovation**

“... new products and processes are not born full-grown. They are founded on new principles and new conceptions which in turn result from basic scientific research. Basic scientific research is scientific capital.”

- Science The Endless Frontier , A Report to President Roosevelt by Vannevar Bush, Director of the Office of Scientific Research and Development, July 1945