1-10-2019


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### Dept. of Defense (DOD) - Air Force Office of Scientific Research (AFOSR)

**Program Name:** Young Investigator Research Program (YIP)

**Specific Topic Area(s) of interest:**
- Specific topics lie within the areas of:
  - Engineering and Complex Systems
  - Information and Networks
  - Physical Sciences
  - Chemistry and Biological Sciences
  - Other Innovative Research Concepts

**ELIGIBILITY**
- Citizenship/residency requirements vary widely. Always check sponsor’s requirements carefully.
- For FY 2018: M.S. citizen, national, or permanent resident by 01 Oct 2018
- Received a Ph.D. or equivalent degree on 1 April 2012 or later
- Employed full-time in a permanent, career, competitive or tenure-track position by an U.S. institution of higher education, industrial laboratory, or non-profit research organization
- PI’s with early-career awards from other agencies or entities are eligible, but the proposed research must have a scope different from that already funded by the other organization.

**Award Duration & Amount**
- Up to $500,000/yr for 3 years (Exceptional proposals will be considered individually for higher funding level and/or longer duration (up to 5 years upon a successful third-year review; granting option pickup))

**Program URL or Contact**
- [http://www.airforce.rit.edu/Welcome/Find Hints/DisplayArticle/W42100/#view](http://www.airforce.rit.edu/Welcome/FindHINTs/DisplayArticle/W42100/#view)

**MOST CURRENT DEADLINE**
- Jun 1, 2018

**FA9550-18-S-0002** (Search Grants.gov for Archived)

**RELEASE DATE**
- 3/8/2018

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### Dept. of Defense (DOD) - Army Research Office (ARO)

**Program Name:** Young Investigator Program (YIP)

**Specific Topic Area(s) of interest:**
- See pp. 66-68 of ARO Broad Agency Announcement (BAA) for Basic and Applied Scientific Research for Fiscal Years 2017 through 2022 (W911NF-17-S-0002)

**ELIGIBILITY**
- U.S. citizens, U.S. nationals, or permanent resident alien
- Tenure-track position at U.S. university or college
- Held PhD or equivalent for fewer than 5 years at the time of application
- Eligibility of Phs with early career awards from other agencies or entities is not addressed in FOA.

**Award Duration & Amount**
- Up to $120,000/yr for 3 years (up to $500,000/yr for 1 additional year if option period
- Up to $250,000/yr for 2 years + Option Period
- Up to $150,000/yr for 3 years

**Program URL or Contact**

**MOST CURRENT DEADLINE**
- BAA expires Mar 31, 2022

**FA9550-18-S-0002**

**RELEASE DATE**
- 4/2/2017

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### Dept. of Defense (DOD) - Defense Advanced Research Projects Agency (DARPA)

**Program Name:** Young Faculty Award (YFA)

**Specific Topic Area(s) of interest:**
- Innovative research proposals in there specific Topic Areas (TA)s of interest:
  - Biological
duced navigation
  - Biologically inspired GPs-denied navigation
  - Enhancing Prognostic Immunity and the Immune Response
  - Part Bio-inspired System
  - Biocomputers
  - Quantum Inspired classical optical computing
  - The Biology of Team Performance
  - Smart City Sensing for Chemical and Explosive Threat Detection and Identification
  - Bio-inspired modeling of resilience and efficiency in complex systems
  - Quantifying Software Vulnerability Longevity
  - Other systems applicable

**ELIGIBILITY**
- U.S. citizens, U.S. Permanent Residents, and Foreign Nationals who meet eligibility criteria by the full proposal deadline:
  - Current tenure-track assistant or associate professor OR current tenured faculty within 3 years of their Tenure date OR Equivalent at a non-profit research institution within 2 years of the receipt of their Ph.D. AND employed at a U.S. Institution
  - No previous YFA recipient or former DARPA program manager

**Award Duration & Amount**
- Base Period: Up to $250,000/yr for 2 years + Option Period: Up to $500,000 for 1 additional year
- Up to $120,000/yr for 3 years

**Program URL or Contact**

**MOST CURRENT DEADLINE**
- Executive Summary (YFA): Nov 13, 2018
- DARPA-RA-18-02 Young Faculty Award

**FA9550-18-S-0002**

**RELEASE DATE**
- 8/1/2018
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<th>SPONSOR</th>
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<tr>
<td>Dept. of Defense (DOD)</td>
<td>Office of Naval Research (ONR)</td>
<td>Young Investigator Program Research areas (as described in the ONR Science and Technology [S&amp;T] Department section of ONR’s website at <a href="http://www.onr.navy.mil">www.onr.navy.mil</a>) which are of interest to ONR Program Officers Naval Science and Technology (S&amp;T) Strategy (released in February 2014) has nine science and technology focus areas as follows: ☑ Access to Maritime Battlespace ☑ Autonomy and Unmanned Systems ☑ Electromagnetics Maneuver Warfare ☑ Expeditionary and Irregular Warfare ☑ Information Dominance - Cyber ☑ Platform Design and Survivability ☑ Power and Energy ☑ Power Projection and Integrated Defense ☑ Warfighter Performance</td>
<td>☑ Validating Type Consistency of Semi-Structured Data ☑ Device-centric Detection of Security and Privacy Attacks Against Cellular Networks ☑ Architectural Radio Frequency [RF] Adaptive Circuits, Devices &amp; Materials ☑ New Materials for Efficient Nonlinear Integrated Photonics ☑ Multi-Functional Materials for Additive Manufacturing ☑ Integrating Infrared Devices on Substrates with Low Dislocation Densities Using低成本 Fabrication Technologies ☑ Compact Planar Ultra-broadband Array Antenna ☑ Non-Foster Circuit Synthesis ☑ Integrated Analog Photonics ☑ Learning to Become Skilled at Tasks ☑ Predictive Vision ☑ Assessing the Reliability of Structural Systems Undergoing Intense Multi-Physics Loading Typical of Sustained Hypersonic Flight ☑ Health Monitoring of High Speed Propulsion Systems ☑ Dynamic Network Modeling for On-orbit Servicing, Assembly, and Manufacturing</td>
<td>U.S. citizen, national, or permanent resident (on the date proposals are due) Holding a first or second full-time tenure-track or tenure-track-equivalent faculty position Measured his/her PhD or equivalent degree on or after 01 January 2011 PIs with early career awards from other agencies or entities are eligible, but the proposed research must have a scope different from that already funded by the other organization</td>
<td>Base Period: Up to $250,000/yr for 2 years + Option Period: Up to $250,000 for 1 additional year</td>
<td><a href="http://www.onr.navy.mil/Science-Technology/Department/Office-Research-Disclosure/Investing/Young-Investigator-Program/7ip-page">http://www.onr.navy.mil/Science-Technology/Department/Office-Research-Disclosure/Investing/Young-Investigator-Program/7ip-page</a></td>
<td>8/12/18</td>
<td>N00014-18-1-2002</td>
<td>7/1/2018</td>
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<td>SPONSOR</td>
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<td>Dept. of Energy (DOE)</td>
<td>Office of Science</td>
<td>Early-Career Research Program</td>
<td>Research in the disciplines supported by the DOE Office of Science: 0 Advanced Scientific Computing Research (ASC R) 0 Biological and Environmental Research (BER) 0 Basic Energy Sciences (BES) 0 Fusion Energy Sciences (FES) 0 High Energy Physics (HEP) 0 Nuclear Physics (NP)</td>
<td>• There is NOT a U.S. citizenship requirement for the Principal Investigator or any project participants. • Interns of limited assistant or untenured associate professor on the tenure track. • More than 10 years between the year the PhD was awarded and the year of the FOA was issued (e.g., for 2019 deadline, PhD must have been granted no earlier than 2009). May submit full application in only 3 competitions. • Ph with early career awards from other agencies or entities are eligible, but the proposal research must have a scope different from that already funded by the other organization.</td>
<td>$750,000 over 5 years</td>
<td><a href="http://science.energy.gov/early-career/">http://science.energy.gov/early-career/</a></td>
<td>Feb 6, 2019 (Preproposal)</td>
<td><a href="https://www.grants.gov/web/">https://www.grants.gov/web/</a> grants/search-grants.html?keywords=de-foa-2019-0002019</td>
<td>1/7/2019</td>
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<tr>
<td>National Geospatial- Intelligence Agency (NGA)</td>
<td>NGA Academic Research Program (NARP)</td>
<td>NGA New Investigator Program (NIP) Grants.</td>
<td>Supports outstanding university faculty members to conduct innovative, high-payoff research that provides the basis for revolutionary progress in areas of science and technology affecting the needs and mission of NGA.</td>
<td>A U.S. citizen, U.S. national, or permanent resident who is teaching at a university and college within 5 years of time of application.</td>
<td>$100,000/yr for 2 years + Up to one-year option valued at $100,000</td>
<td><a href="https://www.nga.mil/Partners/ResearchAndGrants/Pages/AcademicResearchProgram.aspx">https://www.nga.mil/Partners/ResearchAndGrants/Pages/AcademicResearchProgram.aspx</a></td>
<td>Apr 29, 2019 (Invited application)</td>
<td><a href="https://www.grants.gov/web/">https://www.grants.gov/web/</a> grants/search-grants.html?keywords=HHM0476-18-BAA-0001</td>
<td>1/7/2018</td>
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<td>National Security Agency (NSA)</td>
<td>Mathematical Sciences Program</td>
<td>Grants for Research in Mathematics - Young Investigators Grant</td>
<td>Self-directed, unclassified research in the areas of algebra, number theory, discrete mathematics, probability and statistics.</td>
<td>A U.S. citizen or permanent resident with 10 years of experience or less in research, and who has been a doctoral student for less than 3 years.</td>
<td>$25,000/yr for 2 years</td>
<td><a href="https://www.nsa.gov/what-we-">https://www.nsa.gov/what-we-</a> do/research/math-sciences-program/</td>
<td>Suspended for FY19</td>
<td><a href="https://www.grants.gov/web/">https://www.grants.gov/web/</a> grants/search-grants.html?keywords=HM0476-18-BAA-0001</td>
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<td>Nuclear Regulatory Commission (NRC)</td>
<td>Nuclear Education Program</td>
<td>Faculty Development Grant</td>
<td>Facility Development Grant</td>
<td>Support for new faculty in the nuclear-related fields of Nuclear, Mechanical, Civil, Environmental, Electrical, Fire Protection, and Materials Sciences Engineering or Health Physics.</td>
<td>A U.S. citizen, national, or permanent resident with 5 years of experience or less in research.</td>
<td>Base award is $300,000 over 3 years.</td>
<td><a href="http://www.nrc.gov/about-">http://www.nrc.gov/about-</a> nrc/grants.html</td>
<td>Nov 30, 2018</td>
<td>9/30/2018</td>
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Last Updated: 1/10/19