## AGENDA

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<td><strong>NSF CAREER &amp; OTHER EARLY CAREER OPPORTUNITIES</strong></td>
<td>2:30-2:35</td>
<td><strong>BROADER IMPACTS</strong></td>
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<td>Introductions &amp; Welcome</td>
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<td>OVCR Support</td>
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<td>Career Awards (Types, Eligibility, and Deadlines)</td>
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<td>Questions, Discussion, &amp; Closing Remarks</td>
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<td>Questions &amp; Session 2 Preview</td>
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VCRGS Costas Tsatsoulis

Summer Young, OVCRGS

Maria Shaub, OVCRGS

Sara Vassmer, The Connector

VCRGS Costas Tsatsoulis
OVCR SUPPORT
FOR EARLY-CAREER FACULTY

> Office of Sponsored Programs (OSP) pre-award administrators

> OSP proposal compilation, vetting, and submission milestones

> OVCR travel grants for visiting agencies

> complex proposal development assistance

> early career faculty proposal development assistance
CAREER AWARDS
Types & Deadlines Overview

> National Science Foundation (NSF) – Faculty Early Career Development Award (CAREER)
  
  – Goals
    > To support those who can be academic role models in both research AND education
  
  – Eligibility
    > PhD
    > At least 50% tenure track position as an assistant professor
    > Untenured
    > Haven’t received a CAREER award before
  
  – Deadline – Typically July each year
CAREER AWARDS
Types & Deadlines Overview

> NSF CAREER - Differences
  – Focus is on research AND education
  – Proposals are expected to be lofty – above and beyond the usual teaching and advising
  – Not just a 5-year research project
    > it’s a career development award
    > there must be a vision
  – Can only apply 3 times
CAREER AWARDS
Types & Deadlines Overview

> NSF CAREER – Common Issues

– The Proposed Work
  > Too similar to what has been done before
  > Scope is too big or too small
  > Project design is flawed
  > Education component is generic or what is already expected
  > Research and education components not aligned/integrated

– The Application
  > Documents missing, especially the departmental letter
  > Document is hard to read – small fonts, narrow margins
  > Figures too small/legends lack detail
  > Missed deadline
  > Not “selling” your work
  > Listing co-PIs on the cover page
CAREER AWARDS
Types & Deadlines Overview

> NSF CAREER – Most important step
  – Contact the program manager!
    > Give a short pitch for your research – send a one-page summary of your idea
      – No methodological details
      – No minutiae of the literature review
      – Just the big picture, especially expected outcomes/deliverables
    > Ask for suggestions
    > Ask about preferred budget limits
    > Ask if you should apply to a different program/directorate
    > Ask what issues they commonly find in CAREER proposals
Department of Defense – Air Force Office of Scientific Research (AFOSR) – Young Investigator Program (YIP)

- **Goals**
  - To support those with exceptional ability and promise for conducting basic research

- **Eligibility** (as listed in past solicitations)
  - PhD received 4/1/2014 or later
  - US citizen, national, or permanent resident by 10/1/2021

- **Deadline** – Usually at some point between May and July each year
> Department of Defense – Office of Naval Research (ONR) – Young Investigator Program (YIP)

> - Goals
>   > To attract outstanding faculty members to the Navy’s science and technology program, to support their research, and to encourage their teaching and research careers

> - Eligibility (as listed in past solicitations)
>   > In first or second full-time tenure-track or equivalent appointment
>   > PhD received 1/1/2014 or later
>   > US citizen, national, or permanent resident by proposal due date
>   > Must show exceptional promise for creative research

> - Deadline – Usually August each year
CAREER AWARDS
Types & Deadlines Overview

> Department of Defense – Defense Advanced Research Projects Agency (DARPA) – Young Faculty Award (YFA)
  
  – Goals
    > To identify and engage rising stars in junior research positions, enabling them to develop research ideas in the context of national security needs
  
  – Eligibility
    > Must be employed at a US institution
    > Must be current tenure-track assistant/associate professor or tenured faculty within 3 years of tenure date
  
  – Deadline – January 8, 2021
CAREER AWARDS
Types & Deadlines Overview

> Department of Defense – Army Research Office (ARO) – Young Investigator Program (YIP)
  – Goals
    > To attract outstanding young university faculty members to pursue fundamental research in areas relevant to the Army
  – Eligibility
    > PhD for fewer than 5 years at time of application
    > Tenure-track position at a US college or university
    > US citizen, national or permanent resident alien
  – Deadline – Applications accepted year-round
Department of Defense – Army Research Institute for the Behavioral and Social Sciences Foundational Research Unit (ARI) – Early Career Award

- **Goals**
  - To foster the development of innovative and creative researchers early in their careers to investigate areas in the behavioral and social sciences with high potential impact on Army personnel

- **Eligibility**
  - PhD within 5 years of proposal submission
  - No previous ARI funding as PI

- **Deadline** – Mid July (expected) – White Papers encouraged
CAREER AWARDS
Types & Deadlines Overview

> Department of Defense – Congressionally Directed Medical Research Program (CDMRP) – Early Career Investigator Award
  – Goals
    > To foster novel approaches to biomedical research for the benefit of the military, Congress, and the American public
    > To develop research projects and investigate problems while furthering development of researchers for the future
  – Eligibility
    > PhD awarded no more than 3 years ago
    > Employed at an eligible organization
  – Deadline – varies by program
CAREER AWARDS
Types & Deadlines Overview

> Department of Energy (DOE) – Early Career Research Program
  > Goals
    > To support the development of individual research programs of outstanding scientists early in their careers
  > Eligibility
    > “No more than 10 years can have passed between the year the PI’s Ph.D. was awarded and 2020.” (2010 for this competition)
    > Untenured, tenure-track assistant/associate professor position
    > Employed at a US academic institution or DOE national lab
  > Deadline
    > Mandatory pre-application due 11/20/2020
    > Invited applications due 2/16/2021
CAREER AWARDS
Types & Deadlines Overview

> NASA – Early Career and New Investigator Programs
  – Goals
    > To support faculty early in their careers and to further the aims of NASA
  – Eligibility (varies by NASA division)
    > Typically untenured but on tenure tracks at time of award
    > Typically US citizen or permanent resident or affiliated with a US institution
    > Typically PhD received within last 6-10 years
  – Deadline – varies by division (August, September, & December this year)
CAREER AWARDS
Types & Deadlines Overview

> National Institutes of Health (NIH) – K Series Career Development Awards
  – Goals
    > To prepare individuals for careers in biomedical, behavioral, social, and clinical research with the goal of making important discoveries to improve health and save lives
  – Eligibility
    > Varies by institute/program but typically PhD within past 10 years
    > Must be a citizen, non-citizen national or legal, permanent resident by time of award (except K99)
  – Deadline – May vary by program but typically mid February, June, and October each year
CAREER AWARDS
Types & Deadlines Overview

> Department of Agriculture (USDA) – Ag Food Research (AFRI) Food and Ag Science Enhancement (FASE) – New Investigator Award

– Goals
  > To attract new scientists and educators to careers in high-priority areas of national need in agriculture, food, and environmental sciences

– Eligibility
  > Less than 5 years of post grad career-track experience, at the beginning of their career, no extensive record of scientific publication

– Deadline –Varies by program
TOOLS FOR LOCATING OPPORTUNITIES

Pivot Funding Database & Research Enabled Portal

> Pivot Funding Database
  - A searchable database of external funding opportunities from federal, non-federal, and international sources across all disciplines
  - [www.pivot.proquest.com](http://www.pivot.proquest.com) (be sure to sign up with your university email account)

> Research Enabled Portal
  - A source of industry-sponsored collaborations across all disciplines provided via a partnerships between the University of Missouri and Southern Illinois University systems
Questions?
Be Sure to Stay Tuned for the Next Session: BROADER IMPACTS

> Sara Vassmer, The Connector @ 2:30 pm

THE CONNECTOR

Building active, reciprocal, and sustained relationships between research and communities.

theconnector@missouri.edu • (573) 884-4334
The Connector

Sara Vassmer, Director

> Connecting the people, resources, tools and ideas of UM System research and creative activities for the purpose of research.

> A joint unit between the University of Missouri’s Office of Research and Economic Development and Office of Extension and Engagement
FINAL Questions?