2021 Navigating Research at USC
Federal Funding

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DC Office of Research Advancement
Office of the Vice President of Research

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DC Office Goals

- Provide USC presence near funding agencies
- Identify large-scale funding opportunities
- Form collaborations within and outside USC to develop competitive applications
- Support proposal preparation
- Navigate federal bureaucracy
Where We Are

701 Pennsylvania Avenue, NW, Suite 540
Assisted faculty from all but 3 USC schools
Focus on complex proposals, e.g., NIH centers, DoD MURI, NSF STCs, training grants, etc.
Limited assistance with smaller proposals from individual labs
Target multiple federal agencies, including AHRQ, CDC, CIA, DARPA, DHHS, DHA, DoC, DoD, DoE, DoED, DoS, DoT, EPA, IARPA, NASA, NEA, NGA, NIH, NRO, NSA, NSF, USDA
Research Advancement Services

- **Strategic planning**
- **Proposal preparation - scientific**
  - Help develop ‘vision’
  - Help build collaborations (within & outside USC)
  - Writing, reviewing, editing
- **Proposal preparation – logistic/administrative**
  - Conference/video calls, meetings
  - Budgets, budget justifications, PARs
  - Biosketches, letters of support
  - References, figures
- **Federal agency connections / advocacy / intel**
- **Faculty development**
DC Office of Research Advancement
Applications Submitted and Awarded

Success Rate = 32.2%
DC Office of Research Advancement
Cumulative Dollars Awarded

$802,214,616
Research Strengths

- Neuroimaging & Big Data Bioinformatics
- Aging & Alzheimer’s Disease
- Biomedical Devices
- Environmental Health
- Health Policy
- National Security
- Information Science
- Quantum Computing
- Brain Computer Interfaces
- Children’s Health
- Convergent Biosciences
Federal Funding

- Research Support
  - DOD Young Investigator Program (DOD YIP)
  - NSF Faculty Early Career Development Program (NSF CAREER)
  - DOE Early Career Research Program
  - NIH individual fellowship and career development awards (pre- and postdoctoral; clinical and basic; mentored and non-mentored)
  - NIH Transformative Research Awards (R01)
  - NIH Pioneer Award Program (DP1)
  - NIH Director’s New Innovator Award Program (DP2)
  - NIH & NSF institutional training grants (T32, NRT)

- Lab Infrastructure Support
  - NIH Shared Instrumentation Grant Program (S10)
  - NSF Major Research Instrumentation Program (MRI)
  - DOD Defense University Research Instrumentation Program (DURIP)
Understanding the Federal Funding Landscape

- Availability of considerably more funding
- New NSF directorate
- New agency within NIH modeled after DARPA
- U.S. Innovation and Competition Act (USICA)
- Broad multiple S&E domains across several agencies
- Intel - Research Advancement & Federal Relations offices
DC Office for Research Advancement

Additional questions, advice:
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