

Insight into External Funding Opportunities

- Research - Robb Winter (NSF & DOD); former NSF Program Officer
Sen Subramanian (USDA)
- Education - Ben Sayler
- TCU/Diversity - Dana Gehring
- Others
- **Q&A!!!**

NSF (www.nsf.gov)

TCU opportunity!!! [DCL NSF 21-078](#)

Finding an opportunity - Finding where you fit

Bottom up approach – Advanced Search using **your key words** in title & abstract
Top down approach – Directorates → Divisions → Clusters? → Programs

Programs webpage, e.g. Research Areas → Engineering → Division-CBET →
Cluster-CPS → Program-Catalysis

- ✓ Program Officers,
- ✓ Synopsis,
- ✓ Recent awards (PO's identified, does your research idea fit),
- ✓ Map of recent awards

Research Directorates (along the lines of traditional academic disciplines)

Biological Sciences (BIO), Computer and Information Science and Engineering (CISE), Engineering (ENG), Geosciences (GEO),
Mathematical and Physical Sciences (MPS), Social, Behavioral, Economic Sciences (SBE)

Education and Human Resources (EHR)

Opportunities for our Education Research Team!!!

Graduate Education (DGE)

Research on Learning in Formal and Informal Settings (DRL)

Undergraduate Education (DUE)

Human Resource Development (HRD)

Environmental Research and Education (ERE)

Integrative Activities (OIA)

Programs: <https://www.nsf.gov/funding/programs.jsp?org=OIA> ; MRI - https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5260

International Science and Engineering (OISE)

Programs (AccelNet, IRES, PIRE): <https://www.nsf.gov/funding/programs.jsp?org=OISE>

NSF-USDA-NIFA collaborations: NSF 20-548 Signals in the Soil (SitS);

DOD Broad Agency Announcement (Air Force, Army – ARO and ARL, Navy/Marine, etc.)

<https://www.arl.army.mil/business/broad-agency-announcements/>

ARO BAA [W911NF17S0002-Amendment-9](#) (search pdf for “biofilm” and “2D”

<https://www.onr.navy.mil/work-with-us/funding-opportunities/announcements>

ONR BAA [#N00014-21-S-B001](#) page BAA06 II A ONR link – Gut Microbiology...

DEPSCoR: <https://dod-basicresearch.nvision.noblis.org/program/depacor>

Finding an opportunity - Finding where you fit

Bottom up approach – Search BAA using **your key words**

Top down approach – Branches → Programs → Thrusts

Programs/Thrusts => Technical Point of Contact (TPOC) and synopsis

How to contact a NSF PO or DOD TCOP (the maybe variations, which might be person and office dependent)

1. **Do your homework** in knowing everything you can about the program that you think you would like to submit a proposal (Prior Planning Prevents Poor Performance, P⁵; PO's are extremely busy, hundreds of people contacting them, do not waste their/your time)
2. Prepare/Craft: one to three very descriptive sentences of what you wish to do
3. Prepare/Craft: a one-page very descriptive "whitepaper", avoid non-descriptive language
4. Email (generally do no call) the PO or TCOP with your 1-3 sentences: GOAL: to find out if there is a good fit and to get advice (you will not be told what will get you an award); NO response?? – send a "friendly" reminder email in a week or two
5. Zoom meeting or phone call: be very prepared to discuss your idea, demonstrate that you did your homework by knowing their program

Request to be consider a Reviewer (Panel or Ad Hoc); NSF PO's are looking for domain experts; Email relevant PO with your request and 2 page NSF style CV