THE WEBINAR WILL BEGIN SHORTLY

RESPONDING TO NSF DEAR COLLEAGUE LETTERS

A WEBINAR FROM HANOVER RESEARCH

APRIL 25, 2024

WEBINAR LOGISTICS

PRESENTATION LENGTH

25-minute presentation followed by Q&A

Q&A

Please ask questions using the Q&A function in the Zoom toolbar. Presenters will respond in real time, where possible, and we will respond to as many of the remaining questions as time allows during the Q&A.

RECORDING & SLIDES

All registrants will receive a copy of the recording, including the slides.
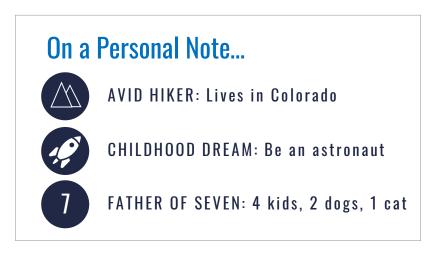
TODAY'S PRESENTER

Bryan DeBusk, PhD

SENIOR GRANTS CONSULTANT

TOTAL WINS

$600+
MILLION

More than $600 million in total grant funding for clients since 2008.

SPECIALIZES IN

- PhD in Pharmaceutical Sciences
- Joined Hanover in 2009
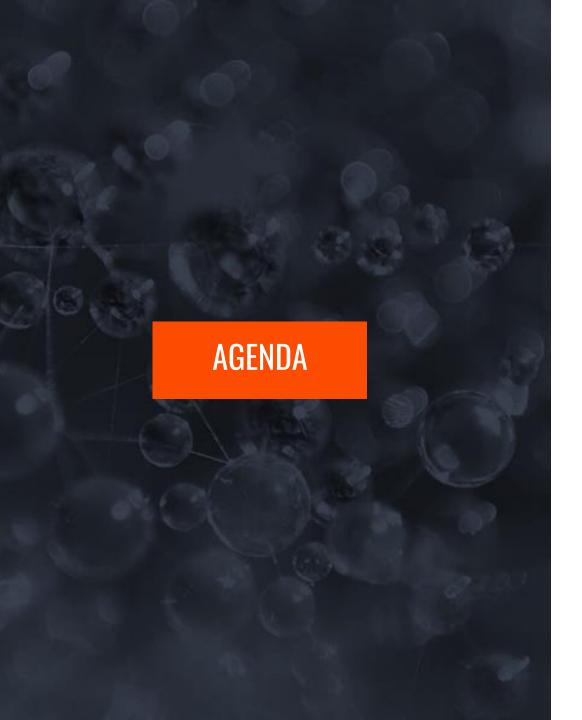- Started grant writing as a junior faculty member

On a Personal Note...

- **AVID HIKER:** Lives in Colorado
- **CHILDHOOD DREAM:** Be an astronaut
- **FATHER OF SEVEN:** 4 kids, 2 dogs, 1 cat

AGENDA

Overview of Dear Colleague Letters

Best Practices tor Responding to Dear Colleague Letters

OVERVIEW OF DEAR COLLEAGUE LETTERS

TYPES OF NSF FUNDING OPPORTUNITIES

NSF funding opportunities come in several different forms

- **Program descriptions, program announcements or solicitations**
  - Encouraging submission of proposals to specific program areas of interest.

- **Broad agency announcements**
  - Inviting the submission of proposals for some of its use-inspired research and innovation priorities.

- **Dear Colleague Letters (DCLs)**
  - Advertise opportunities for supplements to existing awards and to announce NSF's interest in receiving proposals in specific topical areas.

Source: https://new.nsf.gov/funding/getting-started#how-we-announce-funding-opportunities-996

HOW NSF USES DEAR COLLEAGUE LETTERS (DCLS)

Purposes include

- Highlighting Areas of Interest

- Notifying Grantees of Supplemental Funding Opportunities

- Announcing New Opportunities & Competitions

- Providing Guidance to Applicants

- Issuing Agency-Wide Updates

- Requesting Input from the Research Community

HIGHLIGHTING AREAS OF INTEREST

DCLs call out specific topic areas within existing funding opportunities for which they are interested in receiving proposals

Dear Colleague Letter

National Discovery Cloud for Climate Opportunities

December 1, 2023

Encourages proposals for pilot projects to develop an integrated national-scale cyberinfrastructure to support end-to-end climate research and education.

Dear Colleagues:

The National Discovery Cloud for Climate (NDC-C) is a National Science Foundation (NSF) initiative to pilot efforts to build an integrated national-scale cyberinfrastructure capable of supporting end-to-end climate research and education. NDC-C goals include the development, augmentation, and integration of the following in support of the climate research and education communities:

- Cyberinfrastructure middleware and front-end software systems to support access to and integration of distributed climate data, software, and computing resources.

- Data-centric cyberinfrastructure for publishing, discovering, accessing, and transferring climate research data.

- Cyberinfrastructure-based training and workforce development.

- Cyberinfrastructure professional networks to support climate research and education communities.

- Cybersecurity systems for the security and trustworthiness of climate research systems and workflows.

INTRODUCING SUPPLEMENTAL FUNDING OPPORTUNITIES

DCLs notify grantees of supplemental funding opportunities available for under existing programs

Dear Colleague Letter

Research Experiences for Undergraduates (REU) and Research Experiences for Teachers (RET) Supplemental Funding in Computer and Information Science and Engineering

January 17, 2024

Invites supplemental funding requests from current CISE awardees to support undergraduate and teacher training.

Dear Colleagues:

The National Science Foundation's (NSF) Directorate for Computer and Information Science and Engineering (CISE) invites grantees with active CISE awards to submit requests for **Research Experiences for Undergraduates (REU) Supplements**, following the guidelines in the REU Sites and Supplements solicitation. CISE also invites grantees with active CISE awards to submit requests for **Research Experiences for Teachers (RET) Supplements**, following the guidelines in the RET in Engineering and Computer Science: Sites and Supplements solicitation. Requests will be considered as they are received. CISE strongly encourages the submission of requests before March 31st, each year; as the potential for funding requests after this date may be limited.

ANNOUNCING NEW OPPORTUNITIES & COMPETITIONS

DCLs announce the creation of new programs or the details regarding upcoming program competitions

Dear Colleague Letter

International Multilateral Partnerships for Resilient Education and Science System in Ukraine (IMPRESS-U)

August 3, 2023

Invites multilateral collaboration with the US, Ukraine, and Poland or Baltic countries in the global research community for support in scientific and engineering research, education and innovation.

Dear Colleague:

The Office of International Science and Engineering (OISE) of the National Science Foundation (NSF) announces a new partnership with:

Estonia: Estonian Research Council (ETAG),
Latvia: Latvian Council of Science (LCS),
Lithuania: Research Council of Lithuania (LMT),
Poland: National Science Centre (NCN) and Polish National Agency for Academic Exchange (NAWA),
Ukraine: National Research Foundation of Ukraine (NRFU),
USA: National Academy of Sciences (NAS),
USA: Office of Naval Research Global (ONRG).

PROVIDING GUIDANCE FOR APPLICANTS

DCLs provide specific guidance to applicants within targeted NSF funding opportunities

Dear Colleague Letter

Special Guidelines for Submitting Collaborative Proposals under U.S. National Science Foundation (NSF) and the Ministry of Electronics and Information Technology (MeitY) of India Collaborative Research Opportunities

August 18, 2023

Invites collaboration between U.S. and Indian research communities in semiconductor research, next generation communication systems, cyber-security, sustainability and green technologies, and intelligent transportation systems.

The U.S. National Science Foundation (NSF) and the **Ministry of Electronics and Information Technology (MeitY)** of the Government of India have signed an Implementation Arrangement on research cooperation. The Implementation Arrangement provides a framework to encourage collaborations between U.S. and Indian research communities and sets out the principles by which joint activities might be supported. Through this research agency partnership, U.S. researchers may receive funding from NSF and India researchers may receive funding from MeitY.

ISSUING AGENCY-WIDE UPDATES

DCLs notify the NSF community about operational and policy-related updates

Dear Colleague Letter

Availability of Earth Observation Data for NSF-Funded Researchers

April 26, 2023

Alerts NSF funded researchers to the existence of high-quality Earth observation data through the National Aeronautics and Space Administration (NASA) Commercial SmallSat Data Acquisition (CSDA) Program at no additional cost.

Dear Colleagues:

Recent developments in satellite and sensor technology have led to unprecedented advances in the resolution, extent, and frequency of Earth observations. High spatial and temporal resolution capabilities now allow for the investigation of crucial research questions across several Earth system science education and research themes. Yet, many of these datasets have previously been unavailable for research purposes because they are generated by commercial providers. This Dear Colleague Letter (DCL) announces the availability of high-quality commercial Earth observation data to NSF-funded researchers at no additional cost through the National Aeronautics and Space Administration (NASA) Commercial SmallSat Data Acquisition (CSDA) Program.

To inform and assist interested researchers, this DCL describes the process for gaining access to this imagery, the currently available datasets, and related training resources.

DCLs request input from the NSF community regarding agency priorities, researcher priorities and needs, and changes to programs

Dear Colleague Letter

Request for Information on Future Topics for Workforce Development in Emerging Technology Career Pathways

May 8, 2023

Seeks input from all relevant partners on ways to make educational pathways into emerging technology careers accessible to any American interested in participating in the U.S. research and innovation enterprise.

Dear Colleagues:

The NSF Directorates for Technology, Innovation, and Partnerships (TIP) and STEM Education (EDU) are jointly issuing this Request for Information (RFI) to seek input from non-profit organizations, philanthropies, industry, local, state and tribal government offices/agencies, K-12 schools and districts, institutions of higher education, trade and/or vocational schools, and other communities of practice on opportunities and challenges towards creating a robust collection of flexible and seamless STEM pathways in emerging technological areas.

This Dear Colleague Letter (DCL) does not invite research proposals nor is it a funding opportunity. However, the submission of collective input to this RFI spanning different perspectives from multiple constituent communities may be used to inform, refine, and catalyze future NSF investments and programs.

BEST PRACTICES FOR RESPONDING TO DEAR COLLEAGUE LETTERS

BEST PRACTICES FOR RESPONDING TO DCLs

- Understand **the purpose** of the DCL

- Understand **the limitations** of the DCL

- Understand **how to respond** to the DCL

- Understand **what you are committing to** when you respond

- Follow any **guidance regarding outreach** to Program Directors

- Work with your **grants or sponsored programs office** to ensure you are responding correctly

Understand the purpose of the DCL

Dear Colleague Letter

Broadening Participation in Computing (BPC) Supplemental Funding in Computer and Information Science and Engineering

December 6, 2023

Invites grantees with active medium and large awards in CISE Core Programs, Secure and Trustworthy Cyberspace, and Cyber-Physical Systems to request supplemental funding to promote participation of the full spectrum of diverse talent in computing.

Dear Colleague:

The National Science Foundation's (NSF) Directorate for Computer and Information Science and Engineering (CISE) invites recipients with certain active CISE awards with Broadening Participation in Computing (BPC) Plans to submit requests for **BPC Supplements**. Requests will be considered as they are received. CISE strongly encourages the submission of requests before March 31st, each year; as the potential for funding requests after this date may be limited.

BPC supplements are intended to extend the reach of Broadening Participation in Computing plans. As part of the CISE BPC Initiative, broadening participation activities are an accepted and, in some cases, an expected part of the CISE research award portfolio. Certain awards for many CISE research programs require a meaningful BPC plan. Awards with BPC plans from the following programs are eligible to request BPC Supplements:

NATURE OF SUPPORT

BPC Supplements should seek to include the participation of the full spectrum of diverse talent in computing. Supplemental funding requests for an existing BPC plan should either:

1. **Extend** the reach of current BPC activities that have some evidence of effectiveness to more participants or institutions; or

2. **Coordinate** BPC activities within a department or similar unit that are sustainable and likely to address a stated BPC challenge, for example:
   - adoption of new departmental initiatives; and
   - other activities supporting organizational and cultural change for BPC, even if these activities were not specified in the BPC Plan associated with the award.

GRANTS

BEST PRACTICES FOR RESPONDING TO DCLs

Understand the limitations of the DCL

BPC supplements are intended to extend the reach of Broadening Participation in Computing plans. As part of the CISE BPC Initiative, broadening participation activities are an accepted and, in some cases, an expected part of the CISE research award portfolio. Certain awards for many CISE research programs require a meaningful BPC plan. Awards with BPC plans from the following programs are eligible to request BPC Supplements:

- Medium and Large awards in the Computer and Information Science and Engineering (CISE): Core Programs in its Computer and Network Systems (CNS), Computing and Communication Foundations (CCF), and Information and Intelligent Systems (IIS) divisions;

- Medium and Frontiers awards in Secure and Trustworthy Cyberspace (SaTC); and

- Medium and Frontier awards in Cyber-Physical Systems (CPS).

Supplemental funding requests should include activities to increase participation of communities historically underrepresented in specific research areas.

BEST PRACTICES FOR RESPONDING TO DCLS

Understand how to respond to the DCL

PREPARATION AND SUBMISSION INSTRUCTIONS

The Summary of the Proposed Work section of your request must state in the first line that you are requesting either a BPC Supplement Extend or BPC Supplement Coordinate.

The Justification for Supplement of the proposed work must include the following information:

1. Objectives and strategies for the proposed activities along with a timeline.

2. An evaluation and assessment plan that describes how to measure the outcomes of the proposed activities.

3. The results of past BPC activities on this project.

4. Supporting documentation for the request.

   a. For Extend requests, describe the evidence for effectiveness of the project's current BPC activities.

   b. For Coordinate requests, justify how the proposed activities will result in systemic, sustainable change within your departmental context.

5. The BPC plan associated with the award must be uploaded as a Supplementary Document.

Budgets for Supplemental funding requests must:

a. be less than 20% of the original award amount; and

b. not exceed $200,000 in total costs. Supplements will not be given if they would require an extension beyond the expiration date of the original grant.

GRANTS

BEST PRACTICES FOR RESPONDING TO DCLs

Understand what you are committing to

REPORTING

As described in the program solicitations, recipients must report BPC activities and outcomes, including any activities funded by a supplement, in annual reports submitted to NSF. That section of the annual report should include:

- A summary of what each PI and co-PI did, including any changes to the plan;

- Numbers of events, participants, and participant demographics (if there are barriers to collecting this data, describe those limitations and provide the best estimates possible); and

- A reflection (supported by data if available) on progress, any unexpected challenges or results, and anything planned

BEST PRACTICES FOR RESPONDING TO DCLs

Follow any guidance about outreach to Program Directors

Eligible Principal Investigators are strongly encouraged to contact both their cognizant NSF Program Director(s) and the BPC team at cise-bpc@nsf.gov to discuss their supplemental funding requests prior to submitting to NSF.

GRANTS

BEST PRACTICES FOR RESPONDING TO DCLs

Work with your grants or sponsored programs office to ensure you are responding correctly!

HR

HANOVER
RESEARCH

GRANTS

ABOUT HANOVER GRANTS

Hanover provides research development, grant writing, and strategic advising support to a wide range of colleges and universities. Our professionals deliver customized proposal review, revision, and production support, while also helping to align strategic priorities to funding trends and opportunities at all levels.

OUR SOLUTIONS

CAPACITY DEVELOPMENT
- Grants Training
- Benchmarking & Best Practices
- Grantseeking Strategy

FUNDING RESEARCH
- Funding Opportunity Analysis
- Prospect Research
- Funding Calendar

PRE-PROPOSAL ACTIVITIES
- Faculty Consult
- Outreach Strategy
- Concept Paper Development

PROPOSAL SUPPORT
- Proposal Review
- Proposal Revision
- Proposal Research
- Proposal Support

PROPOSAL DEVELOPMENT
- LOI/Pre-Proposal Production
- Proposal Production (Foundation)
- Proposal Production (Federal)

Please contact us at info@hanoverresearch.com to learn more.

QUESTIONS?

Clinton Doggett

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