



Diversity Program Consortium Dissemination and Translation Awards (U01- Clinical Trial Not Allowed)

RFA-RM-19-003



****Disclaimer****

This webinar and accompanying slides are for informational purposes only. They serve as an overview of the Diversity Program Consortium Dissemination and Translation Awards (DPC DaTA, U01) and are not meant to be comprehensive in coverage of all required components of an application.

Applicants are responsible for following the instructions detailed in the FOA and any Related Notices.

Presenters

- Edgardo Falcón-Morales, Program Officer
- Anissa J. Brown, Program Officer
- Justin Rosenzweig, Grants Management Specialist
- Stephanie Constant, Scientific Review Office
Director

Webinar Outline

- I. Program Overview
- II. Application Overview
- III. Budget Overview
- IV. Peer Review Overview

Webinar Outline

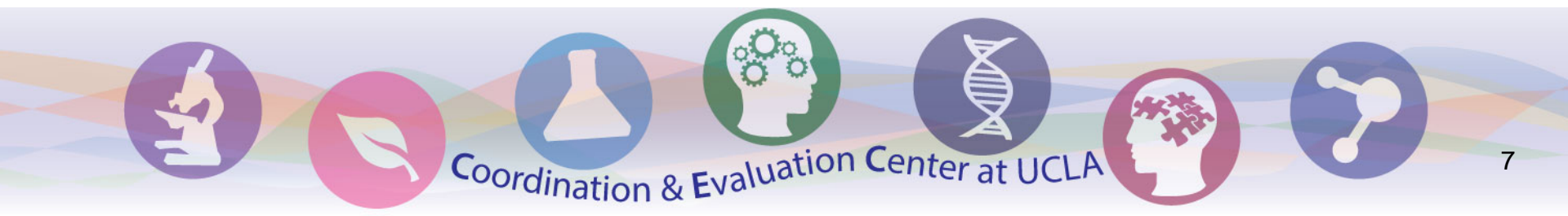
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Program Overview





Diversity Program Consortium (DPC)



DPC Goals

- Through a scientific approach, provide evidence on effective ways to enhance diversity by engaging and sustaining the interest of individuals in the biomedical research workforce
 - Three levels of simultaneous impact: **student**, **faculty** and **institution**
 - Integration of **social science research** and **psychosocial interventions** into the process of training and mentoring students and faculty
 - Rigorous **assessment and evaluation** of the training and mentoring interventions implemented across the program
- Encourage the **dissemination** of successful, **sustainable diversity** enhancing interventions to a wide variety of U.S. institutions



The DPC Expectations by Phase

Phase I: Develop and implement interventions & evaluations to understand and address multi-dimensional factors that influence success; publish early findings

Phase II: Focus on continuing interventions, tracking, and evaluations, as well as on **sustainability** and **dissemination**





DPC Dissemination and Translation Awards (DaTA) (U01)

Implement the rigorous DPC scientific approach to understand the effectiveness of biomedical research training, mentoring or research capacity building interventions aimed at enhancing **diversity** in the biomedical research workforce.

Cooperative Agreement: Mechanism in which there will be substantial Federal scientific or programmatic involvement. *Substantial involvement means that, after award, NIH scientific or program staff will assist, guide, coordinate, or participate in project activities.*



DPC DaTA – *Expectations*

Proposed Research *should*

- Offer results that include and move beyond participation satisfaction, self-reporting of perceived skills gained, or self-reporting of effectiveness. *Outcomes should include, but are not limited to, pursuit of a science degree, degree attainment, success in career transition, grant submissions, publications.*
- Inform the field about the effectiveness of the duration, frequency, and intensity of the intervention and whether those effects can be enhanced by reinforcement.
- Provide evidence of short-, medium-, and long-term effects of the efficacy of the interventions.
- Be cost-effective, practical, realistic, scalable and sustainable at a broad range of institutions.





Eligibility Information – *Institutions*

- Associate degree-granting and/or baccalaureate degree-granting college/university that meets two additional requirements:
 1. Received less than an average of \$7.5 million total cost/year in RPG funds from NIH over the past 3 fiscal years, **and**
 2. Has at least 25% undergraduate students supported by Pell grants.

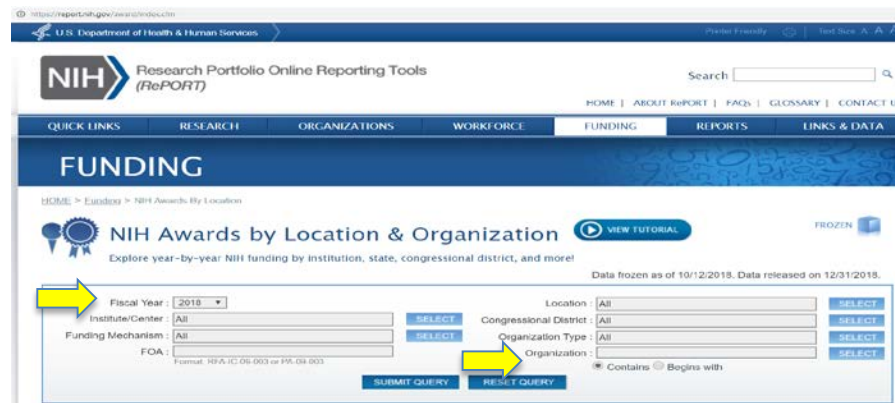
Use the most recent data available in IPEDES, <https://nces.ed.gov/collegenavigator/>
- Only one application per institution is allowed.

NIH RePORTER

1. To determine RPG funding, visit [NIH RePORTER](#). Select the **Funding** feature.



2. Select **Awards by Location** and enter the institution name in the **Organization** cell. After entering the institution, click **SELECT**.



3. Select the institution from the sub listing provided. **Submit Query**.

NIH RePORTER

4. View funding amount for “RPG- Non SBIR/STTR”. *Note: The current FY is the default, select the FY for the last 3 years and calculate the average for each year for all 3 years.*

For example, for applications submitted in October 2019, use FY 19, 18 and 17 RPG funding.

Funding Mechanism ▼	Dollar Amount	Awards
Other Research-Related	\$675,234	3
Research Centers	\$4,631,159	2
RPGs - Non SBIR/STTR	\$419,536	1
Training - Institutional	\$1,636,379	2
Total	\$7,362,308	8



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Use the most recent data available in IPEDS, <https://nces.ed.gov/collegenavigator/>
- Only one application per institution is allowed.

BUILD, NRMN, and CEC, as well as Health Professional Schools, are not eligible to apply to this FOA.

Eligibility

A signed letter **is required** from the Provost or similar official with institution-wide responsibility verifying the eligibility of the applicant institution at the time of application submission according to the eligibility criteria indicated.



Eligibility Information – *Program Director (PD) / Program Investigator (PI)*

- The PD(s)/PI(s) is expected to have a regular full-time appointment (i.e., not adjunct, part-time, retired, or emeritus) at the applicant institution.
- Multiple PDs/PIs are encouraged – *if yes, then a MPI plan must be included or application will be withdrawn.*

Typically, applications submitted by individuals with a history of research funding, mentoring, and leadership experience can be scored more favorably by reviewers.

Signing Official for the Application

The Signing Official that submits the grant cannot be the PI.

If the PD/PI is also the organizational Signing Official, they must have 2 distinct eRA Commons accounts: one for each role.

Award Information – *Types of Awards*

- **New**
Application Due Date: October 8, 2019
- **No Resubmission**
- **No Renewals**



Award Information – *Budget and Project Period*

- **Award Budget**

Application budgets are limited to \$250,000 direct costs with no funds allowable for alterations and renovations, large equipment, and student financial support.

- **Award Project Period**

The maximum project period is three years.

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First Step in Preparing an Application



Read the FOA and SF424 (R&R)
Application Guide thoroughly.

<https://grants.nih.gov/grants/how-to-apply-application-guide.html>

<https://grants.nih.gov/grants/how-to-apply-application-guide/format-and-write/page-limits.htm#other>

Table of Page Limits

Section of Application	Page Limit
Project Summary/Abstract	30 Lines of text
Project Narrative	3 Sentences
Specific Aims	1 Page
Research Strategy	12 Pages
Biographical Sketch <i>(each)</i>	5 Pages



Human Subjects Research

- Follow all instructions for the PHS Human Subjects Information form in the SF424 (R&R) Application Guide
- Must include at least one human subjects study record using the **Study Record: PHS Human Subjects and Clinical Trials Information** form or **Delayed Onset Study** record and justification attachment.
- An IRB Approval Letter will be requested as “Just-in-Time” (JIT) if your application is considered for funding.
- ***Clinical Trials are not allowed.***

Specific Aims

- Include an overview of how the proposed plan will enhance diversity among the biomedical research workforce
- State the specific, obtainable, and measurable goals for the proposed experiment
- Summarize the expected outcome(s), including the impact that the results will have on the research and/or training field(s) involved
- Provide evidence of sustainability and dissemination of results



Research Strategy

Expected to propose an experimental intervention that aligns with the goals of the DPC, use the DPC evaluation methods, and follow DPC policies.

DPC Policies

- [Data Sharing Agreement](#)
- [Hallmarks of Success](#)
- [Associated data elements/survey instruments](#)

Areas of Potential Exploration

- Training Program-related
- Scientific Skills Development
- Psychosocial Factors
- Faculty Development
- Mentoring Interventions



Training Program-related

What are the specific design elements of training programs that enhance persistence in the biomedical research pathway of trainees from **diverse** backgrounds, (e.g., those from underrepresented groups)?

*Research on the basic elements of training programs should help to inform what aspects are instrumental for building a **diverse** pool of future scientists.*



Scientific Skills Development

Active-learning research training interventions that will develop a **diverse** pool of well-trained scientists who have the skills required to conduct research in an ethically responsible and rigorous manner and to enter the range of careers in the biomedical research workforce.

The types of training interventions are varied and may include, but are not limited to, teaching active-learning courses and/or just-in-time modules that focus on skill development.



Psychosocial Factors

Research into the psychosocial factors that influence persistence in the biomedical research workforce.

Examples of psychosocial factors:

- Reducing stereotype threat
- Diminishing imposter syndrome
- Overcoming microaggressions
- Increasing micro-affirmations
- Mitigating unconscious bias
- Increasing cultural awareness and sensitivity
- Emphasizing cultural assets
- Engaging family and support systems
- Supporting the need for a higher purpose (e.g., giving back to the community)



Faculty Development

Research on the interventions needed to establish **diverse** research-based faculty which are critical for providing excellence in research training, enhanced resources, and scholarly productivity.

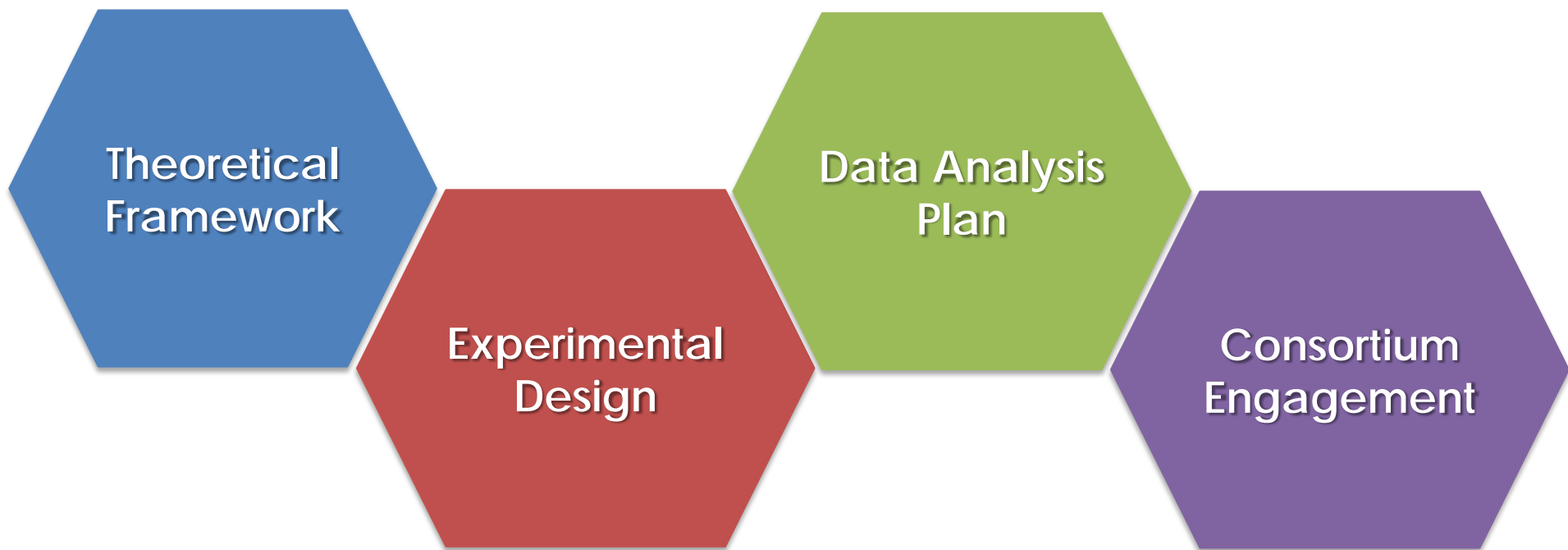


Mentoring Interventions

Research in this area will inform the community about which kinds of mentoring relationships, strategies, and approaches have significant impacts on the academic and professional successes of individuals from **diverse** backgrounds, (e.g., those from groups underrepresented in the biomedical research workforce).



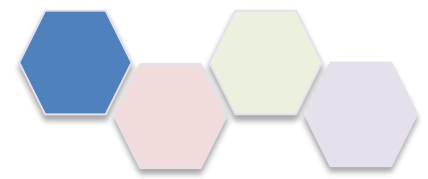
Research Strategy



***Note:** The above categories are not required subsections of the Research Strategy, just a guide to facilitate the development of details.*



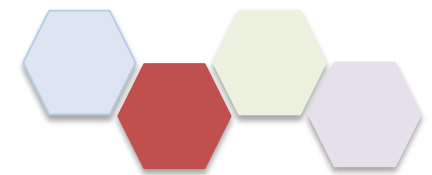
Theoretical Framework



- Theory underlying the proposed experiment
- Hypothesis being tested



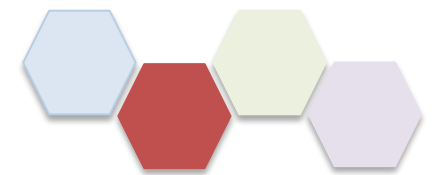
Experimental Design



- Description of the research team
- Justification of cost-effective, practical, realistic, scalable, and sustainable intervention applicable to a broad range of institutions
- Demographics, background variables, and training stage of the study population
- Matched controls and/or comparison groups



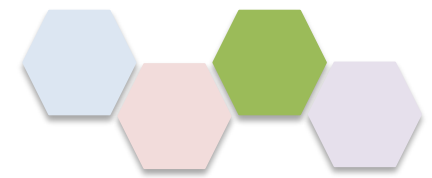
Experimental Design, *cont.*



- Recruitment strategies and methods to sustain the interest of participants and controls/ comparison group
- Duration, frequency, and intensity of the intervention
- Assumptions of the underlying experimental design
- Expected outcomes
- Detailed timeline with quantitative measures for achieving annual milestones



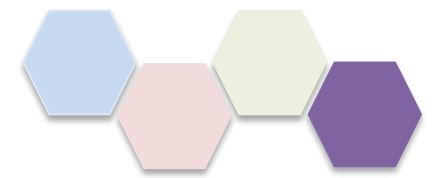
Data Analysis Plan



- Data collection, handling, and storage methods
- Data analysis methodology



Consortium Engagement



- Alignment with DPC hallmarks of success
- Detailed plan to comply with data sharing agreement
- Dissemination plan
- Sustainability plan

Letters

- Institutional Support Letter **must** be attached as part of Letters of Support.
- Institutional Eligibility Letter (1-page maximum) **must** certify eligibility.

If these letters are not included, the application will be considered incomplete and will not be reviewed.

- *Letters of collaboration (no page limits)* – can be included, but should include distinct information from the required details of the Institutional Support Letter; and come from individuals who will have substantial involvement in the intervention.

Combine all Letters of Support into a single PDF file

Resource Sharing Plans

- Required for any application seeking \$500,000 or more in direct costs in any single year
- https://grants.nih.gov/grants/policy/data_sharing/
- Sample: <https://www.niaid.nih.gov/research/sample-data-sharing-plan>



Software Dissemination Plan

Only include if support for development, maintenance or enhancement of software is requested in the application.

Appendix

Only limited Appendix materials are allowed. Follow all instructions for the Appendix as described in the SF424 (R&R) Application Guide.

The inclusion of any materials not allowed under SF424 instructions will result in withdrawal of the application without review.

Biographical Sketches

- Provide biographical sketches for:
 - PD(s)/PI(s)
 - Key Personnel
- Biosketches are limited to five pages -
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-032.html>



Why could an application be deemed non-responsive or withdrawn?

- A description **not aligned** with the goal of the DPC initiative
- A description simply to provide a training, mentoring, or research capacity service **without** a testable hypothesis, intervention framework, and a clearly articulated population with the appropriate controls.
- A research plan proposed by the PD(s)/PI(s) that **duplicates** their efforts on other federally funded research or training grants.
- A description of a **narrow** project that will provide results that are not generally applicable to the broader biomedical research community.

Common Pitfalls



- Not reading the FOA and Notices thoroughly.
- Not following the FOA and Notices instructions.
- Failure to review details of proposal against review criteria and expectations specific to the FOA.

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Budget Overview

Budget Caps

- Total Direct Cost limited to \$250k per year up to 3 years.
 - Does not include consortium F&A costs, if applicable.
- F&A can be requested at negotiated institutional rate agreement.
- RFA designated unallowable costs:
 - alterations and renovations
 - large equipment
 - student financial support

Budget Format

- Modular Format – do not use the R&R Budget Form.
 - Request total direct costs (**in modules of \$25,000**), reflecting appropriate support for the project.
- Budget Justification:
 - List all personnel, including names, percent effort (use the Person Months metric), and roles on the project.
 - Do not provide individual salary information.
- **Note:** PD(s)/PI(s) are expected to attend the annual DPC meeting along with other national meetings, where their research findings can be shared, discussed and disseminated. Travel costs associated with attendance at such meetings may be requested.

Peer Review Overview

Peer Review

- DPC DaTA applications will be reviewed by a Special Emphasis Panel.
- Receipt letter from scientific review officer will provide information about meeting dates, instructions for providing updates, link for committee roster, and people to contact during the review and post-review process.
- Scores and summary statements accessed through PI's eRA Commons account.

Peer Review, *cont.*

- Review panel will assess your application against the review criteria.
- Please read the review criteria while preparing your application to make sure all of the required information is included so that reviewers will be able to evaluate your application appropriately.

Peer Review, cont.

Review criteria in Section V under Application Review Information

Overall Impact

- Reviewers will provide an overall impact score to reflect their assessment of the likelihood for the project to exert a sustained, powerful influence on the research field(s) involved, in consideration of the following review criteria and additional review criteria (as applicable for the project proposed).

Peer Review, cont.

Scored Review Criteria:

- Significance
- Investigator(s)
- Innovation
- Approach
- Environment

Significance

- Does the project address an important problem or a critical barrier to progress in the field? Is the prior research that serves as the key support for the proposed project rigorous? If the aims of the project are achieved, how will scientific knowledge, technical capability, and/or clinical practice be improved? How will successful completion of the aims change the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field?
- *Specific to this FOA:* Will the proposed project provide the scientific community with evidence to understand the efficacy of the intervention designed to enhance diversity in the biomedical research workforce?

Peer Review, *cont.*

Additional Review Criteria: no separate scores, but will be factored into

Overall Impact Score

- Protections of Human Subjects
- Inclusion of Women, Minorities, and Individuals Across the Lifespan
- Vertebrate Animals
- Biohazards

Additional Review Considerations: Acceptable/Unacceptable

- Select Agent Research
- Resource Sharing Plans
- Authentication of Key Biological and/or Chemical Resources
- Budget and Period of Support
 - Reviewers will consider whether the budget and the requested period of support are fully justified and reasonable.

Application Preparation

Check Application

- Allow enough time to carefully check application after submission.
We cannot accept any missing items after the receipt deadline.

Page Limits

- Supply all requested materials within page limits.
- Do not “overstuff” sections that don’t have page limits or use appendices to get around the limits.

Appendices

- Note that the Appendix should only be used in circumstances covered in the [NIH policy on appendix materials](#).

Application Preparation, *cont.*

Use current information

- Make sure biosketches are up-to-date, in correct format, and relevant for the program.
- Use the most recent institutional data.

Be consistent

- Match justification to budget items.
- Include a timeline for the activities.

Application Preparation, *cont.*

Be sure to **address all the requirements** of the program announcement.

Don't bury important information.

- Don't expect reviewers to “read between the lines” to figure out what you are proposing.

Present outcomes data in a straightforward manner.

- Don't exaggerate.
- Don't hide data (reviewers will “do the math”).

Review Process: Usual Timeline

Timeframe (from submission date)	Activity
1 – 2 months	Referral
2 – 6 months	Review Panel
6 – 7 months	Summary Statement Available
7 – 8 months	Advisory Council
8 – 9 months	Funding Decisions
9 – 10 months	Award Start Date

Critical Deadlines

- Letter of Intent Due Date(s)
 - Not Applicable
- Application Due Date(s)
 - October 8, 2019
- Earliest Start Date
 - July 2020



For Additional Information

- Funding Opportunity Announcement (FOA) [PAR-19-003](#)
- Notices
- [DPC DaTA Website](#)
- [Frequently Asked Questions – Application Guide, Electronic Submission of Grant Applications](#)

Agency Contacts

- Anissa J. Brown, Ph.D.
anissa.brown@nih.gov
- Edgardo Falcón-Morales, Ph.D.
edgardo.falcon@nih.gov
- Justin Rosenzweig
rosenzwj@nigms.nih.gov
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