



Welcome to the CLU-IN Internet Seminar

Superfund Research Program Funding Opportunities

Sponsored by: National Institute of Environmental Health Sciences, Superfund Research Program

Presenters:

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January 16, 2014



Visit the Clean Up Information Network online at www.cluin.org

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Agenda

- 1:00 Webinar Instructions
- 1:10 Introduction to Superfund Research Program and SARA Mandates
- 1:15 Multi-Project Centers (P42) Funding Opportunities
 - SRP Program Staff (What's New for RFA ES-14-001)
 - Scientific Review Process
 - Grants Management (Budgets, Applications, Forms)
 - Electronic Submission – what to expect
- 2:15 Question / Answer
- 2:30 Webinar ends

Link to RFA: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-14-001.html>

Link to RFA Information Page:
<http://www.niehs.nih.gov/research/supported/dert/cris/programs/srp/funding/rfa/index.cfm>

SRP Funding Mechanisms

Multi-Project Centers (P42)

Designed for integration across disciplines: Biomedical and Non-Biomedical Research; Community Engagement, Research Translation, and Training. Basic and application-oriented. Request for Applications. Annual RFA.

Small Business Research Grants

SBIR/STTR (R41-44)

Foster the commercialization of technologies, relevant to hazardous substance clean-up and monitoring. Ongoing Funding Opportunity

Individual Research Project

(R01)

Designed to address specific issues to complement the multi-project research program; tackle issues of emerging concern for Superfund. Closed.

Conference Grants (R13)

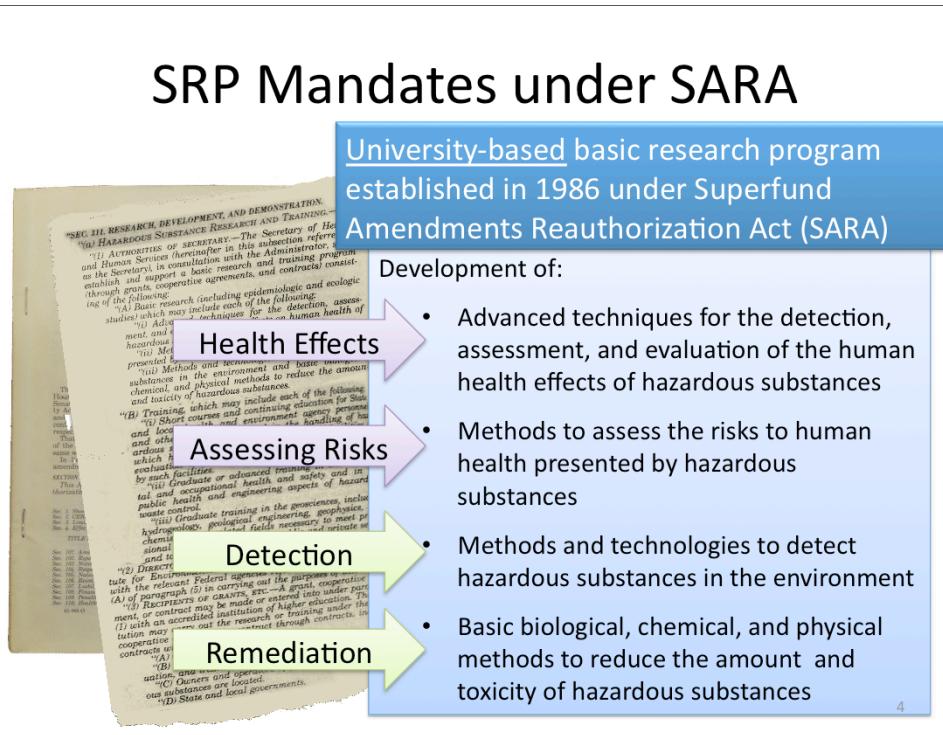
Provides funding for conferences related to SRP mandates. Ongoing Funding Opportunity

Occupational Training (R25)

Emerging issues in EHS training. Closed.

Funding Opportunities: <http://www.niehs.nih.gov/research/supported/dert/cris/programs/srp/funding/index.cfm>

SRP Mandates under SARA



SRP Strategic Plan (2010)

- Relevance
 - Interaction with stakeholders
 - Problem-based, solution-oriented research
 - Critical research areas
- Impact
- Innovation



SRP Stakeholders

Sister Superfund Programs:

- US Environmental Protection Agency (EPA)
- Agency for Toxic Substances and Disease Registry (ATSDR)

Others: federal agencies, state, local, and tribal entities responsible for sites; individuals and communities living near hazardous waste sites

http://www.niehs.nih.gov/research/supported/assets/docs/r_s/srp_about_2010_plan.pdf 5

P42 Multi-Project Centers

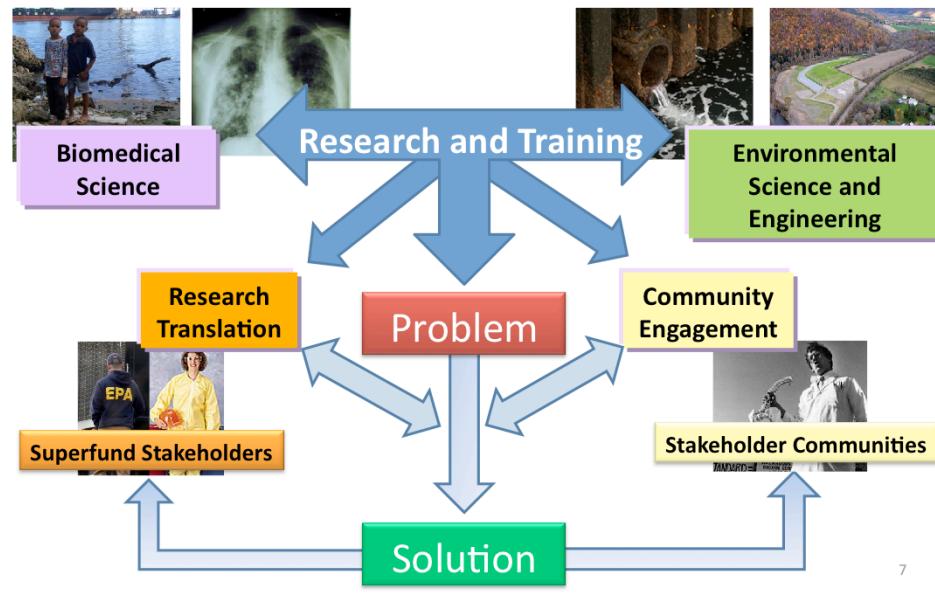
RFA-ES-14-001 SUPERFUND HAZARDOUS SUBSTANCE RESEARCH AND TRAINING PROGRAM (P42)

Improve public health by supporting integrative, inter-disciplinary research.

Provide sound science, data, information, and knowledge to inform the risk assessment and remediation management processes for hazardous waste sites.

Bring expertise of multiple biomedical and environmental science disciplines to address scientific uncertainties facing the National Superfund Program.

P42 Multi-Project Centers



P42 Multi-Project Centers

Scope of Research

Broad Scope –
Ultimately should be a clear link to Superfund.

Suggested Research Topics:
High priority areas for EPA/ATSDR colleagues

Programmatic Balance
(See Current Grantees:
<http://tools.niehs.nih.gov/srp/programs/index267.cfm>**)**

SRP Mandates

- Advanced techniques for the detection, assessment, and evaluation of the effect of hazardous substances on **human health**
- Methods to assess the **risks** to human health presented by hazardous substances
- Methods and technologies to **detect** hazardous substances in the environment
- Basic biological, chemical, and physical methods to **reduce the amount and toxicity** of hazardous substances

Strategic Plan

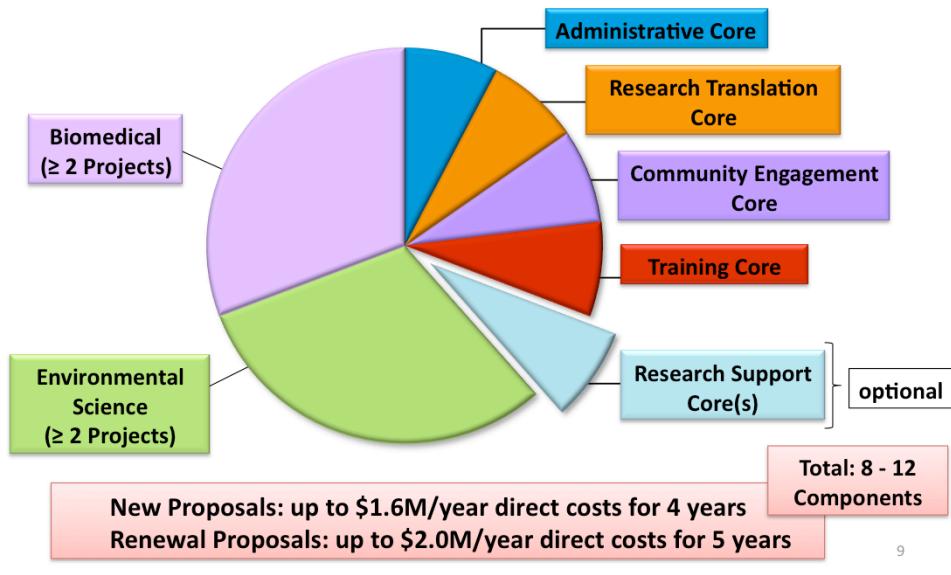
Relevance: to Superfund
Impact: to Stakeholders
Innovation: Trans-disciplinary/Paradigm-shifting

Not Required: Superfund Site; CERCLA Substance

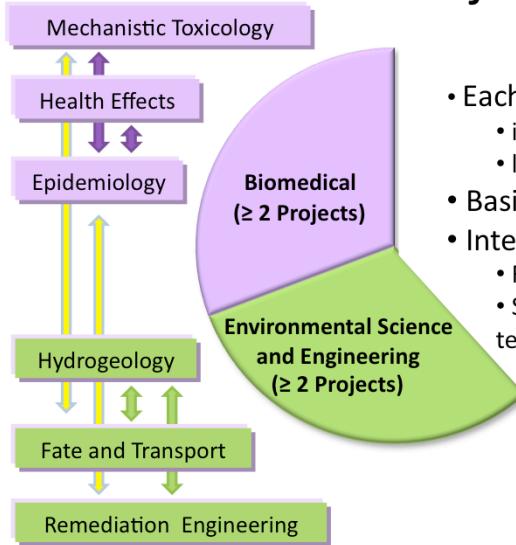
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P42 Multi-Project Centers

All Components Interacting, Addressing Problem



P42: Projects



- Each project is stand-alone
 - independent testable hypothesis
 - logical progression of tasks
- Basic to application - oriented
- Integration with other projects
 - Research Aims
 - Sharing: data, specimens, technology
- Interaction with Cores
 - Training, Community Engagement
 - Research Translation (including investigator-initiated research translation)



P42: Projects

FOCUS!!!!

Centers should be VERY judicious in assembling research projects. Center should, with projects, keep a clear focus and not try to do too much!!

Include projects with most solid connection to the Center's problem-solving theme.

Lean Times: Not too big! Come in under budget, well under 12-component limit.

Especially True for New Center Proposals!

Interactions:

Cross-reference interactions between projects and cores. Should be consistent throughout.

Abstract / Titles – Avoid Jargon

- P42 Reviewers have broad expertise
- Write abstracts/titles for a general audience
- Write Specific Aims for technical experts
- http://grants.nih.gov/grants/plain_language.htm

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Helpful Tips

P42: Projects

Resource Sharing Plans

NEW: for investigators to explore opportunities for sharing research products and broad opportunities for research translation during project development.

1 paragraph PLAN for each:

Research Data Sharing Plan:

- Publication-based data-sharing opportunities; databases
- Explain if sharing not appropriate.

Must follow all NIH required data-sharing.

Investigator-Initiated Research Translation Plan:

Identify potential interactions between researcher and end-user (not researcher to researcher) drawing from SRP's 4 research translation components. (Consistency with RTC).

See "Suggested Research and Activities" for Investigator-Initiated Research Translation suggestions.

<http://www.niehs.nih.gov/research/supported/dert/programs/srp/funding/rfa/index.cfm>

P42: Administrative Core (Required)

Administrative Core (AC) Functions

- Planning and coordination
- Promote cross-discipline interaction
- Ensure research translation
- Oversee fiscal and quality management

External Advisory Committee (EAC)

- Provides Guidance to Director
 - Scientific Merit
 - Relevance, Integration
 - Research Translation, Community Engagement, Training activities

Anticipated EAC Members*

Academics (*biomedical AND environmental science and engineering*), Stakeholders, EPA/ATSDR, Industry, Community

Helpful
Tips

AC Breaks Silos

- Between Disciplines
- Basic to Applied
- Lab to End-user

AC Promotes Careers

Trainees, Early Stage Investigators, Succession Planning (if applicable)

*New Applicants: include expertise of potential EAC members, not names

Not to exceed \$125,000
Direct Costs

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Research Translation Core (Required)

Research Translation Core Function:

Communicating and facilitating the use of research findings emanating from the Center in the manner most appropriate for their application and the advancement of research objectives.

Include Plan for Four Components

1. Communication
2. Government Partnerships
3. Technology Transfer
4. Information Dissemination

Not to exceed \$125,000
Direct Costs



Note: SRP Research Translation
– much broader scope than
NIH's Clinical Translation (bench
to bedside).

Information from Center to
Center as well as Center
outward (to all end-users)

Plan for Reporting News to SRP:

- For Example: reporting to the SRP
Data Collection Form: <http://tools.niehs.nih.gov/srp/resources/rtc.cfm>

See Suggested Research and Activities Document for ideas for the RTCs:
<http://www.niehs.nih.gov/research/supported/dert/programs/srp/funding/rfa/index.cfm>

Research Translation Core (RTC)

1. Communicating within SRP

- a. Project-Specific: Within Center
- b. Center-Specific: Center Out
- c. Between Center/SRP
- d. Between Centers

Expertise: staff with experience in diverse science topics.

RTC – work with investigators on research translation plan for each project (clusters of projects).

2. Partnerships with Government Agencies

EPA/ATSDR a priority, but not a requirement.

Where to start?

- SRP's Additional Resources Webpage*
- Find your EPA Region's Superfund Technical Liaison / ATSDR staff
- Superfund Site Remedial Project Manager

4. Information Dissemination to Other End-Users

End-Users: formal/informal education groups, hazardous waste practitioners, lay public, other academic researchers

Examples: Educational materials, Web sites, webinars, "outreach," etc.

* <http://www.niehs.nih.gov/research/supported/srp/funding/rfa/index.cfm>

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Community Engagement Core (Required)

Community Engagement Core

Function:

To enhance knowledge exchange and to support community needs with regard to the science emanating from the Center

Target communities

SRP defines target communities as those impacted by sites contaminated with hazardous substances.

- **Members of the affected community**
- **May also include:** local government, tribal councils, community service groups, non-governmental organizations

Helpful
Tips

HIGHLIGHT “**Bidirectionality**”
between community and
Center (not “outreach”)

A *Community Engagement Component Statement* must be included in application.

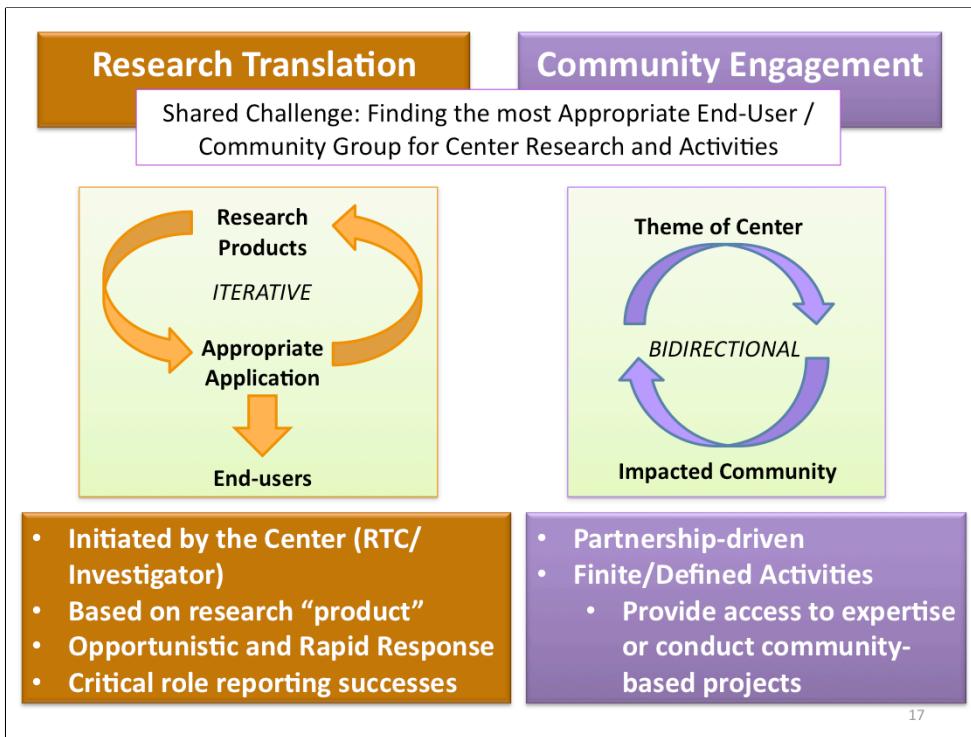
Where to start?

- SRP Additional Resources Webpage*
- Suggested Research and Activities Document
- Develop logic model

Not to exceed
\$100,000 Direct Costs

* <http://www.niehs.nih.gov/research/supported/srp/funding/rfa/index.cfm>

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Training Core (Required)

Training Core Function:

Graduate and Post-doctoral level
cross-disciplinary training

- Promote interactions between biomedical and environmental science trainees
- Professional development
- Communicating research effectively
- Involvement in Research Translation, Community Engagement, etc.
- Achieves program integration

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Helpful
Tips

Inquiring Reviewers want to know:

- Recruitment?
- Past trainee successes
- Use of CareerTrac (for renewals)

Cost Limitations:

- New Applicants:
\$100,000 Direct Costs
- Renewal Applicants:
\$125,000 Direct Costs

P42: Research Support Core (Optional)

- **Research Support Core**

- Provides centralized services
- Shared by at least 2 projects

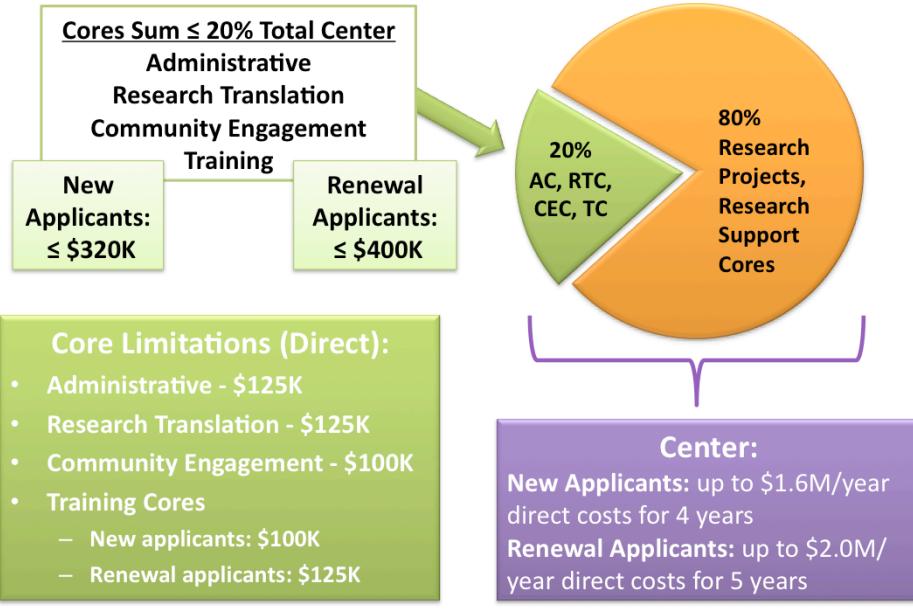


- Pros and Cons of RSC

- Pros:
 - Excellent Interactions/Integration
 - Opportunities for Training
 - Assurance of Quality
- Cons:
 - May not be critical (if facilities already available)
 - 12 component limit

If Research Support Core is not included, project should adequately detail research support activities (e.g. QA/QC)

Cost Limitations (Direct)



Recent Changes

- **Budget Ceilings for Overall Center and Cores**
- **Total Projects and Cores limited to 12 Components**
- **Training Cores required**
- **Research Support Cores optional**
- **Environmental Science and Engineering replaced “Environmental Science” and “Non-biomedical”**

Resource Sharing Plan for Projects

Review Criteria Changes

- Modifications to overall center description of Significance, Investigator, Innovation, Approach and Environment
- Cores: each core has specific review criteria

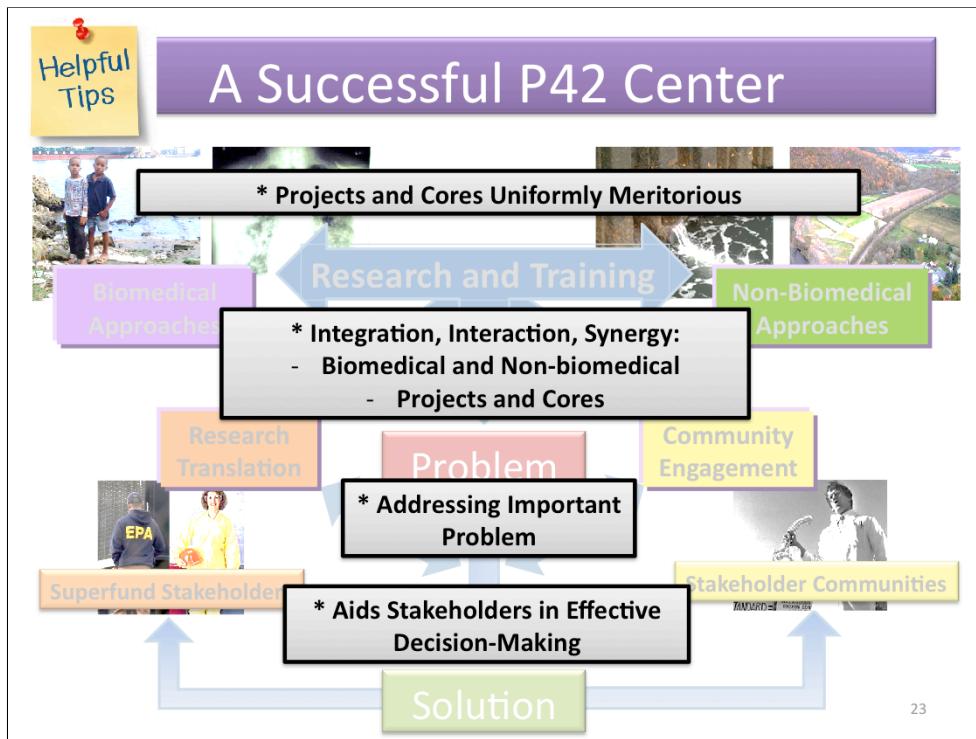
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Recent Changes

- Research Translation Core
 - Translation plan for each project
- Research Strategy (12 page limit)
- Review Scoring System
- One Resubmission (A1)
- Community Engagement
 - Core is Required
 - Community Engagement Projects (CEPs)
 - explicitly mentioned (had always been welcome)
 - e.g. community-based participatory research (biomedical and environmental science)
 - New: *“Community Engagement Component Statement”* section for CEC and CEPs.

Unchanged Characteristics

- Not a site-specific program
- Basic to application-oriented research
- Innovative approaches to research

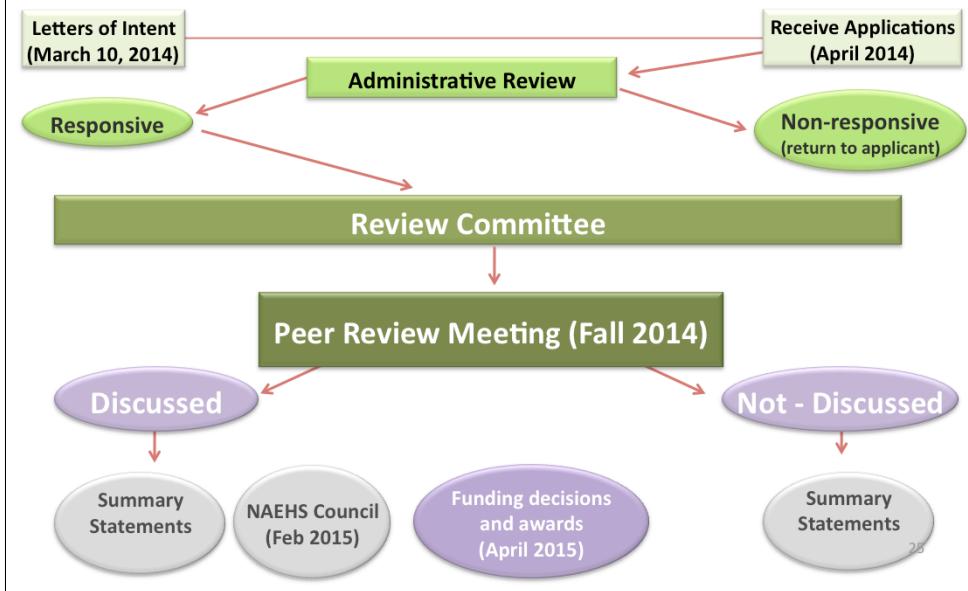


Review

NIEHS SCIENTIFIC PEER REVIEW

SALLY TILOTTA, PHD (2014 P42 REVIEW)

The Peer Review Process



Pre-Submission of P42 Application

- Submission of Letter of Intent (LOI):
 - Assists in review planning
 - Email to Dr. Sally Tilotta at sally.tilotta@nih.gov
 - **Requested by March 10, 2014 (not required, but highly recommended)**
- Include in the LOI:
 - Descriptive title of the Overall Center
 - Brief description of the research proposed in the Center
 - Include the title of each Research Project and Core
 - Name, address, and telephone number of the PD(s)/PI(s)
 - Names of key personnel (Project and Core Leaders)
 - Names of any participating institutions

P42 Peer Review Process

- Review Criteria are in the solicitation: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-14-001.html>
- Review of the Individual Research Projects, Cores
- Review the Overall Center

Research Projects

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

NIH's Five
Review
Criteria
(criterion
scores 10-90)

- Contribution to SRP Center
- Other Specific Criteria*

Impact Score
(10-90)

*Each Project reviewed.
Each Receive Criterion Scores
and written critiques.*

Note: Human Subjects, Animal Care, and Biohazards will be considered in the score.
Budget Concerns are not considered in score.

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Cores

- **Contribution to SRP Center**
- **Other Criteria Specific to Each Core**
 - Administrative
 - Research Translation Core
 - Community Engagement
 - Training
 - Research Support Cores
(see RFA for specific criteria)

Impact Score
(10-90)

Overall Center

Addresses a critical problem relevant to the SRP
Relevance/Merit of Projects and Cores (scientific gain)
Collaboration/Integration/Synergy
Leadership

**Final Score
(Range: 10-90)**

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Helpful Hints

- Read and understand the Funding Announcement
- Contact Program Staff for clarification of scientific matters and Grants Management Staff for budget issues.
- Follow the guidelines: page limits, font size, etc.
- Start early.....

Grantsmanship Issues

- Be clear and concise....don't expect reviewers to "know what you mean."
- All the components are important. One weak research project will impact the overall score. Extraneous or unnecessary cores will reduce cohesiveness of the center.
- Too many projects...application sinks under its own weight.
- Inadequate time allowed to prepare application.

Budget

NIEHS GRANTS MANAGEMENT

LISA EDWARDS, MBA

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Electronic Budget

- Webinar for Applicants: Initial Look at the Electronic Submission Process of Multi-Project Applications
http://grants.nih.gov/grants/webinar_docs/webinar_20121213.htm
- SF424 (R&R) Detailed Budget forms differ from Paper PHS398 Budget Forms in both look/feel and substance
 - Some items in different places
 - Some items not collected as specific line items
- Budget data collected at component and subaward levels only
Component and subaward budget data used to auto-calculate “Cumulative” (Composite) budget

Budget Preparation

Form Pages, Approvals, Other Support, Notices

Forms (<http://grants.nih.gov/grants/forms.htm>)

SF424 (R&R) electronic submission

Approvals

IACUC Approval (Vertebrate Animals)

IRB Approval (Human Subjects)

Begin process at time of application, but final approval will be requested for Just In Time*

Other Support

“0%”, “Varies”, “As Needed”, etc., are not acceptable

Total time commitment cannot exceed 12 calendar months

New Notices

- Revised Grants Policy Statement: NOT-OD-12-157

- Salary caps: NOT-OD-12-035
http://grants1.nih.gov/grants/policy/salcap_summary.htm.

*Just in Time: Request for information required prior to award.

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Budget Preparation

Non-Modular

Provide detailed categorical budgets

- Each Project
- Each Core
- Each Subaward/Consortium (Note: SF424 will not allow Subawards on Subawards)

Escalation

Budgets submitted in subsequent years may request an escalation on recurring direct costs. (Note: Currently NIH does provide an escalation in subsequent years)

Must be justified:

- Is the amount of escalation requested supported by institutional policies?
- Is the amount clearly stated?

Travel to Annual Meeting

Administrative Core Budget: Funds for travel by appropriate staff (i.e., Center Director, Project/Core Leaders, Center Administrator, and four trainees) to attend the Superfund Research Program three-day annual meeting shall be included in the Administrative Core's budget for each year.

Budget Preparation

- Parent Grant Direct Costs
 - Consideration of *equipment* in the out-years will be based upon justification and availability of funds
- Subawards/Consortium
 - must follow same guidelines as parent; [budget pages required and should follow associated project or core](#)
 - Subawards/consortium direct costs are included in the parent grant Subtotal Direct Costs, which may be subject to budget caps
 - F&A of subawards/consortium is included in Total direct Costs of parent grant , but will not count against budget cap
- Budget Justifications (Be detailed and specific)
 - Are all costs itemized?
 - [Are all additions and changes in subsequent/future years fully justified and identified clearly; specifically changes in personnel effort?](#)

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R&R Budget form will NOT be used in the Overall component.
Instead, ASSIST will summarize budget information from other components.

OMB Number: 0403-0001
Expiration Date: 06/30/2011

RESEARCH & RELATED BUDGET - SECTION A & B, BUDGET PERIOD 1

* ORGANIZATION DUNS: Use DUNS of organization responsible for the component.

* Budget Type: Project Subaward/Consortium

Enter name of Organization:

* Start Date: * End Date: Budget Period 1 Every Sr./Key listed must have measurable effort in either Calendar Months or a combination of Academic and Summer Months.

A. Senior Key Person

Prefix	* First Name	Middle Name	* Last Name	Suffix	* Project Role	Base Salary (\$)	Cal. Months	Acad. Months	Sum. Months	* Requested Salary (\$)	* Fringe Benefits (\$)	* Funds Requested (\$)
1.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Project Lead	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Role should reflect the Sr/Key persons role on the specific component.	<input type="text"/>	Base Salary can be left blank for submission, but is required prior to award.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
8.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9. Total Funds requested for all Senior Key Persons in the attached file <input type="text"/>												
<input type="button" value="Total Senior/Key Person"/>												
Additional Senior Key Persons: <input type="text"/>				<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/>	<input type="button" value="View Attachment"/>						
If more than 100 Sr./Key, use attachment and enter total funds requested for additional Sr./Key persons.												
* Number of Personnel	* Project Role	Cal. Months	Acad. Months	Sum. Months	* Requested Salary (\$)	* Fringe Benefits (\$)	* Funds Requested (\$)					
<input type="text"/>	Post Doctoral Associates	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
<input type="text"/>	Graduate Students	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
<input type="text"/>	Undergraduate Students	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
<input type="text"/>	Secretarial/Clerical	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
Total Number Other Personnel <input type="text"/>				Total Other Personnel <input type="text"/>								
Total Salary, Wages and Fringe Benefits (A+B) <input type="text"/>												

R&R Budget Sections A & B

Personnel separated into 2 sections:

- **A. Senior/Key Person**
 - First field must be completed, even if person on a component given role of “Project Leader” and not PD/PI
- **B. Other Personnel**
 - Postdocs, Grad Students, Undergrads: Only number of personnel required (not specific names)

*Include only personnel employed by (e.g., receiving salary from) your organization.

RESEARCH & RELATED BUDGET - SECTION C, D, & E, BUDGET PERIOD 1

* ORGANIZATIONAL DUNS: _____

* Budget Type: Project Subaward/Consortium

Enter name of Organization: _____

* Start Date: _____ * End Date: _____ Budget Period 1

C. Equipment Description
List items and dollar amount for each item exceeding \$5,000

Equipment Item	* Funds Requested (\$)
1. Itemize up to 100 pieces of equipment. If more, include total dollars in line 11 and provide details in the Additional Equipment attachment	<input type="text"/> <input type="text"/>
11. Total funds requested for all equipment listed in the attached file	<input type="text"/>
Total Equipment <input type="text"/>	

Additional Equipment: _____

D. Travel

	Funds Requested (\$)
1. Domestic Travel Costs (Incl. Canada, Mexico and U.S. Possessions)	<input type="text"/> <input type="text"/>
2. Foreign Travel Costs	<input type="text"/> <input type="text"/>
Total Travel Cost <input type="text"/>	

E. Participant/Trainee Support Costs

	Funds Requested (\$)
1. Tuition/Fees/Health Insurance	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
2. Stipends	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
3. Travel	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
4. Subsistence	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
5. Other <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<input type="text"/> Number of Participants/Trainees Total Participant/Trainee Support Costs <input type="text"/>	

Not required for P42

RESEARCH & RELATED Budget (C-E) (Funds Requested)

R&R Budget Sections C - E

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R&R Budget Sections C - E

- **Item D, Travel**

- 424 form differentiates between foreign and domestic travel
- Continues to be treated as single cost (regardless of type) similar to 398 budget

- **Item E, Participant/Trainee Support Costs**

- Do not use for NIH FOAs
- Costs for NRSA Training-type components should use Training Budget form

R&R Budget Sections F - K

RESEARCH & RELATED BUDGET - SECTION F-K, BUDGET PERIOD 1

* ORGANIZATIONAL DUNS: Next Period

* Budget Type: Project Subaward/Consortium

Enter name of Organization: Budget Period 1

Project Number: Start Date: End Date:

F. Other Direct Costs

1. Materials and Supplies	Funds Requested (\$)
2. Publication Costs	<input type="text"/>
3. Consultant Services	<input type="text"/>
4. ADP/Computer Services	<input type="text"/>
5. Database/Consortium/Contractual Costs	<input type="text"/>
6. Equipment/Facility/Rental/User Fees	<input type="text"/>
7. Alterations and Renovations	<input type="text"/>
8. <input type="text"/>	<input type="text"/>
9. <input type="text"/>	<input type="text"/>
10. <input type="text"/>	<input type="text"/>
Total Other Direct Costs <input type="text"/>	

G. Direct Costs

Total Direct Costs (A thru F) <input type="text"/>	
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H. Indirect Costs

Indirect Cost Type	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds Requested (\$)
1. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total Indirect Costs <input type="text"/>			

Cognizant Federal Agency
(Agency Name, POC Name, and POC Phone Number)

I. Total Direct and Indirect Costs

Total Direct and Indirect Institutional Costs (G + H) <input type="text"/>	Funds Requested (\$)
--	----------------------

J. Fee

<input type="text"/>	Funds Requested (\$)
----------------------	----------------------

K. * Budget Justification (Only attach one file)

RESEARCH & RELATED Budget (F-K) (Funds Requested)

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R&R Budget Sections F-K

- **Tuition remission**
 - Include in Item F, Other Direct Costs (boxes 8, 9 or 10)
- **Supplies**
 - Not a major line item on 424 budgets
 - Included as line F.1 (Other Direct Costs: Materials and Supplies)
- **Alteration and Renovations**
 - Not a major line item on 424 budgets
 - Included as line F.7 (Other Direct Costs: Alterations and Renovations)
- **Inpatient and Outpatient Care Costs**
 - 424 does not include as major / minor line item
 - Current instructions require inserting in fields F.8-F.10 (Other Direct Costs: Other Costs)

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Cumulative budget is automatically calculated based on budget period data provided.	
RESEARCH & RELATED BUDGET - Cumulative Budget	
	Totals (\$)
Section A, Senior/Key Person	<input type="text"/>
Section B, Other Personnel	<input type="text"/>
Total Number Other Personnel	<input type="text"/>
Total Salary, Wages and Fringe Benefits (A+B)	<input type="text"/>
Section C, Equipment	<input type="text"/>
Section D, Travel	<input type="text"/>
1. Domestic	<input type="text"/>
2. Foreign	<input type="text"/>
Section E, Participant/Trainee Support Costs	<input type="text"/>
1. Tuition/Fees/Health Insurance	<input type="text"/>
2. Stipends	<input type="text"/>
3. Travel	<input type="text"/>
4. Subsistence	<input type="text"/>
5. Other	<input type="text"/>
6. Number of Participants/Trainees	<input type="text"/>
Section F, Other Direct Costs	<input type="text"/>
1. Materials and Supplies	<input type="text"/>
2. Publication Costs	<input type="text"/>
3. Consultant Services	<input type="text"/>
4. ADP/Computer Services	<input type="text"/>
5. Subawards/Consortium/Contractual Costs	<input type="text"/>
6. Equipment or Facility Rental/User Fees	<input type="text"/>
7. Alterations and Renovations	<input type="text"/>
8. Other 1	<input type="text"/>
9. Other 2	<input type="text"/>
10. Other 3	<input type="text"/>
Section G, Direct Costs (A thru F)	<input type="text"/>
Section H, Indirect Costs	<input type="text"/>
Section I, Total Direct and Indirect Costs (G + H)	<input type="text"/>
Section J, Fee	<input type="text"/>

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R&R SUBAWARD BUDGET ATTACHMENT(S) FORM

If submitting an application with >30 subaward budgets, budgets 31 and above should be converted to PDF and included as part of the Budget Justification of the parent budget in Section K of the R&R Budget form.

The sum of all subaward budgets (e.g., those attached separately on this form and those provided as part of the budget justification), must be included in Line F.5 Subawards/Consortium/Contractual Costs of the parent budget.

When submitting subaward budgets that are not active for all periods of the project, fill out the subaward R&R Budget form and include only the number of periods for which the subaward is active. The budget period start/end dates reflected in each period of the subaward should match the project budget period start/end dates that correspond to the active periods.

ASSIST provides the ability to add up to 30 subaward budgets per component using the SF424 RR budget form. ASSIST will automatically include the subawards with the application so there is no need to attach them as separate files.

P42 Multi-Project Centers

- Announcement:
 - RFA-ES-14-001: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-14-001.html>
- Applications Details
 - One application per institution
 - Letters of Intent: March 10, 2014
 - Due Date: April 10, 2014 by 5:00 PM local time of applicant organization.
 - Scientific Review: October, 2014
 - Awards Start Date: April, 2015
- **Consultation with SRP Program Administrator Staff is highly recommended** (in person or teleconference)

P42 Resources

- RFA Webpage
 - Suggested Research and Activities - Numerous areas of general interest as well as specific needs identified by stakeholders.
 - Tips for Applicants – electronic submission, what to include, etc.
 - Additional Resources – Links to EPA, ATSDR, information to aid in community engagement activities, and other helpful websites .
 - Program Contacts

The screenshot shows the NIH website with a green header. The main content area is titled 'RFA Webpage' with the URL <http://www.niehs.nih.gov/research/supported/srp/funding/rfa/index.cfm>. A blue box on the right contains the text 'Also see "Current P42 Grantees:"' and the URL <http://tools.niehs.nih.gov/srp/programs/index267.cfm>. The left sidebar has a 'Research' category with several sub-links, including 'Funding Opportunities' which is highlighted in grey. The right sidebar contains a list of links: 'Multiproject Center Grants (P42)', 'Substance Research Program', 'SRP Funding Opportunities', 'Funding Opportunities Webinar', 'Individual Research Grants (R01)', 'Multiproject Center Grants (P42)', and 'Additional Resources'.

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Electronic Submission: Using ASSIST

SRP PROGRAM ADMINISTRATOR

DANIELLE CARLIN, PHD, DABT

What is ASSIST?

ASSIST - Application Submission System & Interface for Submission Tracking

- Web-based system for the preparation and submission of multi-project applications
- ASSIST replaces Grants.gov
 - Grants.gov for single-project applications
 - ASSIST for multi-project applications

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ASSIST allows applicants to...

- Use existing eRA Commons and Grants.gov accounts
- Pre-populate data from eRA Commons profiles
- Control application access
- Have multiple users within and outside the applicant organization work concurrently
- Check application against Grants.gov and NIH business rules before submitting
- Preview/print NIH application image before submitting
- Track Grants.gov and eRA Commons submission status

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P42 Funding Opportunity Announcement

Department of Health and Human Services

Part 1. Overview Information

Participating Organization(s)	National Institutes of Health (NIH) National Institute of Environmental Health Sciences (NIEHS)
Components of Participating Organizations	
Funding Opportunity Title	Superfund Hazardous Substance Research and Training Program
Activity Code	SBIR-Substance Abuse Research Grants Program
Announcement Type	Release of RFA-ES-14-001
Related Notices	None
Funding Opportunity Announcement (FOA) Number	RFA-ES-14-001
Companion Funding Opportunity	None
Number of Applications	Only one application per institution is allowed. An application is defined as a grant, contract, or other award application, including a proposal, application, or other document that is submitted to NIH in support of a funding opportunity announcement or other NIH funding mechanism, or that otherwise constitutes an application for NIH funding.
Catalog of Federal Domestic Assistance (CFDA) Number(s)	95.143
Funding Opportunity Purpose	The National Institute of Environmental Health Sciences (NIEHS) is announcing the continuation of the Superfund Hazardous Substance Research and Training Program (referred to as Superfund Hazardous Program) Centers for Center grants will be available to support research on the health effects of environmental pollutants.
Key Dates	
Postdate Date	
Open Date	
Scientific Merit Review	October 2014
Advisory Council Review	January 2015
Earliest Start Date	April 2015
Expiration Date	Open - Not Applicable
Due Dates for E.O. 12372	Not Applicable
** ELECTRONIC APPLICATION SUBMISSION REQUIRED **	
NIH uses an electronic Submission System, eRA Commons, for Scientific Merit Review (ASMBT) to evaluate grant applications submitted through Grants.gov. NIH publications on its FOA page state that electronic submissions will not be accepted. ASMBT uses the Grants.gov/ASMBT forms, currently used with most NIH opportunities, and provides instructions in this regard to enable electronic submission of applications. It is the responsibility of the applicant to ensure that the application image is used for review.	
Required Application Instructions	
It is critical that applicants follow the instructions in the Grantsmanship Instructions Guide , except where instructed to do otherwise in this FOA or in a Notice from the NIH Guide for Grants and Contracts and where instructions in the Applicant Guide are directly related to the Grants.gov submission process.	
Applications must be submitted electronically through Grants.gov. The Grants.gov/ASMBT forms, currently used with most NIH opportunities, and ASMBT instructions in this regard to enable electronic submission of applications.	
Apply for Grant Electronically <small>View Instructions</small>	
Table of Contents	
Part 1. Overview Information	
Part 2. Full Text of the Announcements	
Section I. Award Information	
Section II. Award Information	
Section III. Eligibility Information	
Section IV. Application and Submission Information	
Section V. Application Review Information	
Section VI. Award Administration	
Section VII. Agency Contacts	
Section VIII. Other Information	
Section IX. Award Terms and Conditions	
Section X. Award Reporting	

Announcement text indicates electronic submission is required.

Apply for Grant Electronically button brings applicant to the ASSIST site.

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P42 Funding Opportunity Announcement

Types of components allowed for the FOA and available in ASSIST for application preparation.

Page Limitations

Component Types Available in ASSIST	Research Strategy/Program Plan Page Limits
Overall	1-2
Core (Use for Administrative, Research Translation, Community Engagement, Training and Research Support, Core... (Please enter in ASSIST using this order))	1-2
Project (Use for Biomedical, Projects and Programs and Science and Engineering Projects. Note: Projects will be reviewed in the order in which they were entered into ASSIST)	1-2

The Research Strategy page limits enforced in ASSIST for each component.

Additional page limits described in the SF424 Application Guide and the [Table of Page Limits](#) must be followed, with the following additional requirements:

- The "Relation to Overall Center" description (for each project and core) should not exceed 1 page.
- The "Quality Assurance Statement" should not exceed 1 page.

Instructions for the Submission of Multi-Component Applications

The following section supplements the instructions found in the SF424 (R&R) Application Guide, and should be used for preparing a multi-component application.

Applicants will rely on the **SF424 (R&R) Application Guide** and the FOA text, especially **Section IV. Application and Submission Information**, when preparing their applications in ASSIST.

ASSIST Login

<https://public.era.nih.gov/assist>

ASSIST leverages the eRA Commons accounts that most applicants already have.

Submit multi-project grant applications electronically to NIH and other Public Health Service Agencies...

The Application Submission System : Interface for Submission Tracking (ASSIST) is used to prepare and submit multi-project grant applications electronically to NIH and other Public Health Service agencies. Prior to using ASSIST, applicants should identify a Funding Opportunity Announcement (FOA) to which they'd like to apply. FOAs are posted in the NIH Guide for Grants, Contracts and/or in Grants.gov, each of which has robust search capabilities. The FOA text will indicate whether ASSIST can be used to apply.

Need Help?

Resources

APPLICATION GUIDE

ASSIST USER GUIDE

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Overall Component

The required forms are presented for the component.

The Overall Component is added to the component navigation.

Overall Component

Actions

- VIEW STATUS HISTORY
- ADD NEW COMPONENT
- ADD OPTIONAL FORM
- PREVIEW CURRENT COMPONENT
- UPDATE COMPONENT STATUS

Select Component Type

- Overall
- overall

Component Information

Component Identifier:	Overall
Component Type:	Overall Component
Component Title:	Research Center to Cure the Diseases of the World
Component Project Lead(s):	MONEY, CHER D
Organization:	WHATSAMATTA U
Status	
In Progress	
Last Update: 12-02-04 13:000 PM EST	

Adding Additional Components

The screenshot shows two consecutive pages of the ASSIST application. The top page is a summary or list page with an 'Actions' menu on the left. The 'ADD NEW COMPONENT' button is highlighted with an orange circle and an arrow points to a callout bubble that reads: 'Click Add New Component to continue building your application.' The bottom page is the 'Add Component' form. It has a header 'U.S. Department of Health & Human Services Application Submission System & Interface for Submission Tracking (ASSIST)'. The 'Actions' menu on the left shows 'Overall' selected. The main form has a title 'Add Component' and a 'Project Information' section. In the 'Project Information' section, there is a dropdown menu labeled 'Choose Component' with a list of options: 'Choose Component', 'Admin Core', 'Project', 'Core', and 'Component-X'. The 'Choose Component' option is highlighted with an orange circle. A callout bubble to the right of the dropdown reads: 'Select from the drop-down list of component types available for the FOA.' There is a small note at the bottom right of the form: '* Required field(s)'.

Adding Components

Applicants continue adding components to build out their application.

The screenshot shows a user interface for managing application components. On the left, a sidebar titled 'Actions' contains buttons for 'VIEW STATUS HISTORY', 'ADD NEW COMPONENT', 'ADD OPTIONAL FORM', 'PREVIEW CURRENT COMPONENT', and 'UPDATE COMPONENT STATUS'. Below this is a 'Select Component Type' section with a tree view. The 'Project' node is expanded, showing three sub-components: '990-Project', '478-Project', and '965-Project'. The '965-Project' node is selected. The main content area is titled 'Project' and contains a 'Component Information' form. The form fields are as follows:

Component Identifier:	965-Project
Component Type:	Project
Component Title:	Fabulous Research Focus 3
Component Project Lead(s):	[empty]
Organization:	[empty]

Components are grouped by Component Type.

Each component is given a random 3-digit, system-generated number for identification during application preparation. Components will be given sequential numbers in the assembled application image.

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Projects & Cores – Additional Information

- Projects
 - Research Strategy: Each project should also include a "Relation to Overall Center" statement.
- Administrative, Research Translation, Community Engagement, and Training Cores (Research Support Cores are optional)
 - Research Strategy: each core will have a "Relation to Overall Center" statement; For CEC, include Community Engagement Statement in Research Strategy
 - Other Attachments: Training Core will also have Diversity Recruitment and Retention Plan; Trainee List (required only for renewals)
 - Other Attachments: Research Support Cores will also have Quality Assurance Statement

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Resources

- SF424 (R&R) Application and Electronic Submission Information" webpage:
 - <http://grants.nih.gov/grants/funding/424/index.htm>
- Applying Electronically to Multi-project Applications:
 - http://grants.nih.gov/grants/ElectronicReceipt/com_index.htm
- Need help with ASSIST?
 - http://grants.nih.gov/grants/ElectronicReceipt/faq_full.htm#about

eRA Commons - <https://commons.era.nih.gov/commons/index.jsp>

Registered PD/PIs can check assignment/contact information, review outcome, and other important information.

eRA Commons Help Desk:

Hours: Mon-Fri, 7AM-8PM EDT/EST Web: <http://era.nih.gov/help/> Toll-free: 866-504-9552. Phone: 301-402-7469. TTY: 301-451-5939.

P42 Multi-Project Centers

NIEHS Contacts:

Program:

William A. Suk suk@niehs.nih.gov, (919) 541-0797
Heather Henry henryh@niehs.nih.gov, (919) 541-5330
Danielle Carlin danielle.carlin@nih.gov, (919) 541-1409

Grants Management:

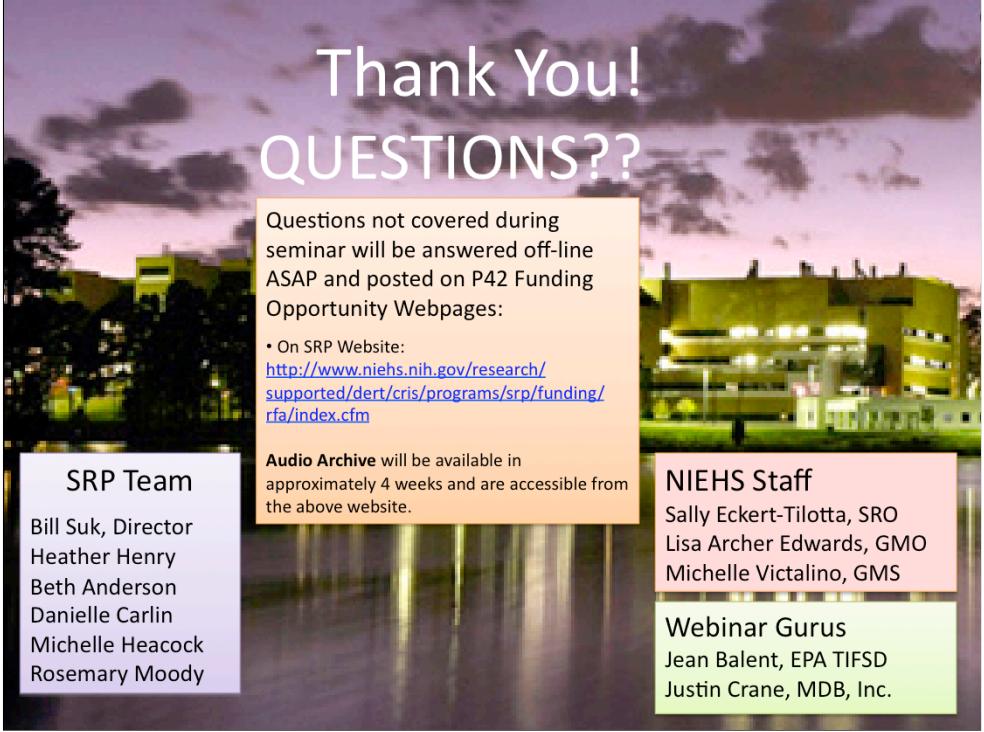
Lisa Edwards, archer@niehs.nih.gov, (919) 541-0751
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Scientific Review:

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Acknowledgements:
EPA's CLU-In.org



Thank You! QUESTIONS??

Questions not covered during seminar will be answered off-line ASAP and posted on P42 Funding Opportunity Webpages:

- On SRP Website:
[http://www.niehs.nih.gov/research/
supported/dert/cris/programs/srp/funding/
rfa/index.cfm](http://www.niehs.nih.gov/research/supported/dert/cris/programs/srp/funding/rfa/index.cfm)

Audio Archive will be available in approximately 4 weeks and are accessible from the above website.

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