



Welcome to the CLU-IN Internet Seminar

## Superfund Research Program Funding Opportunities

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

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Visit the Clean Up Information Network online at [www.cluin.org](http://www.cluin.org)

# 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

## **Conference Grants (R13)**

Provides funding for conferences related to SRP mandates. 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.

## **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

University-based basic research program established in 1986 under Superfund Amendments Reauthorization Act (SARA)

Development of:

Health Effects

- Advanced techniques for the detection, assessment, and evaluation of the human health effects of hazardous substances

Assessing Risks

- Methods to assess the risks to human health presented by hazardous substances

Detection

- Methods and technologies to detect hazardous substances in the environment

Remediation

- Basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances

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# 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](http://www.niehs.nih.gov/research/supported/assets/docs/r_s/srp_about_2010_plan.pdf)

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## P42 Multi-Project Centers

**RFA-ES-14-001**

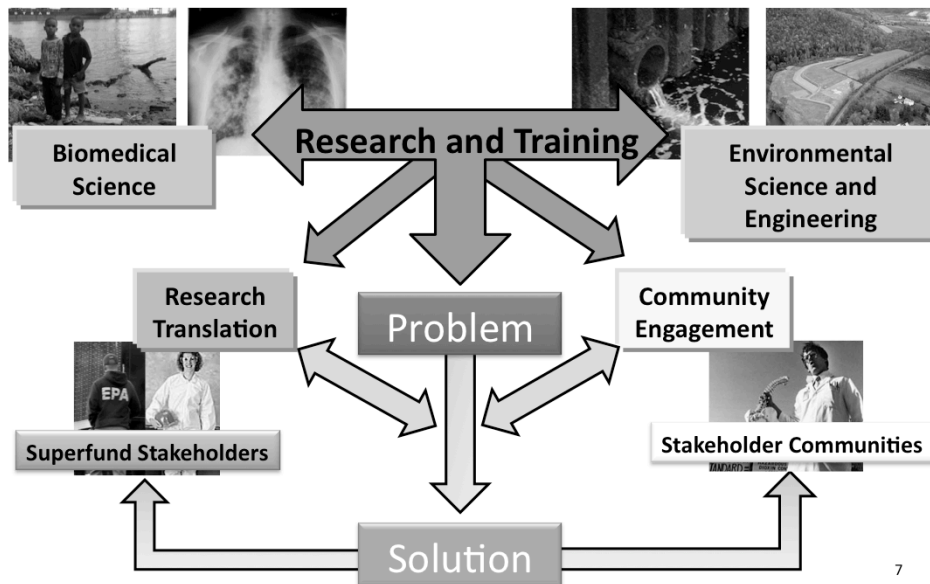
### **SUPERFUND HAZARDOUS SUBSTANCE RESEARCH AND TRAINING PROGRAM (P42)**

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](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

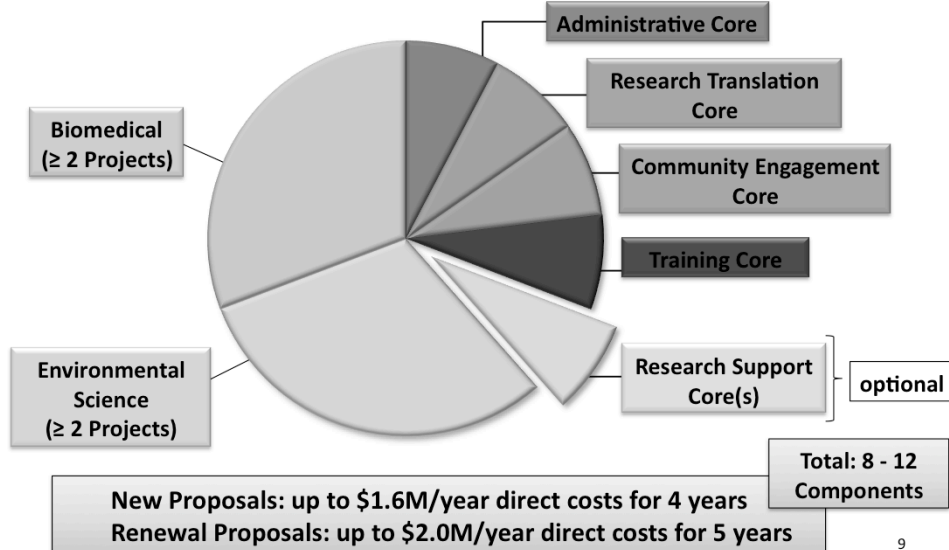
**Impact:** to Stakeholders

**Innovation:** Trans-disciplinary/Paradigm-shifting

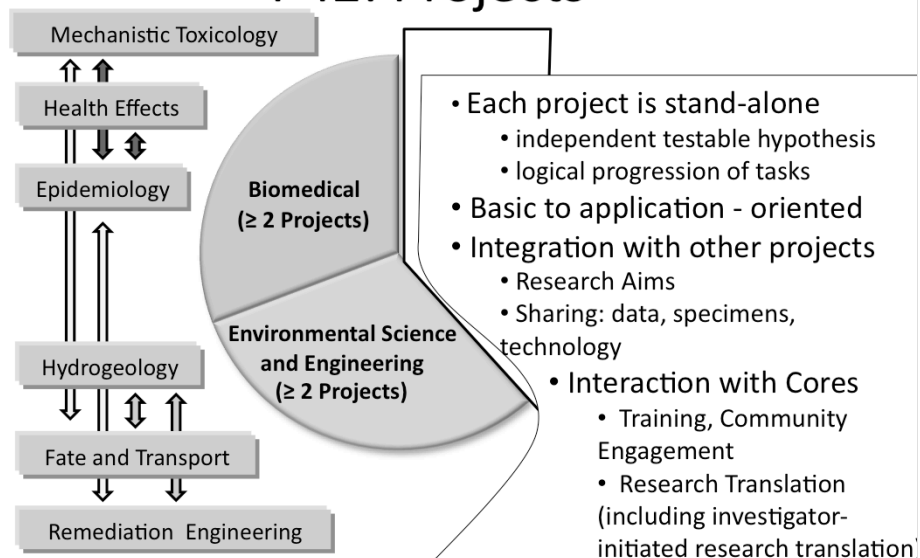
**Not Required: Superfund Site; CERCLA Substance**

# P42 Multi-Project Centers

All Components Interacting, Addressing Problem



## P42: Projects





## 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](http://grants.nih.gov/grants/plain_language.htm)



## 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

Helpful  
Tips

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](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>

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# 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>

# 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

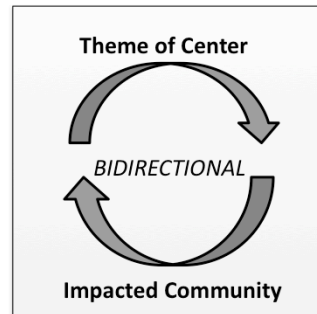
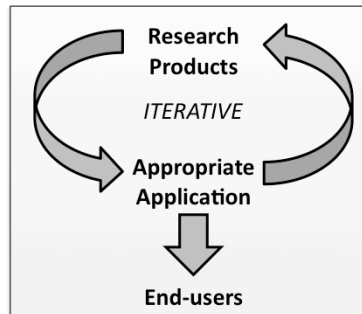
Not to exceed  
\$100,000 Direct Costs

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

## Research Translation

## Community Engagement

Shared Challenge: Finding the most Appropriate End-User / Community Group for Center Research and Activities



- Initiated by the Center (RTC/ Investigator)
- Based on research “product”
- Opportunistic and Rapid Response
- Critical role reporting successes

- Partnership-driven
- Finite/Defined Activities
  - Provide access to expertise or conduct community-based projects

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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



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

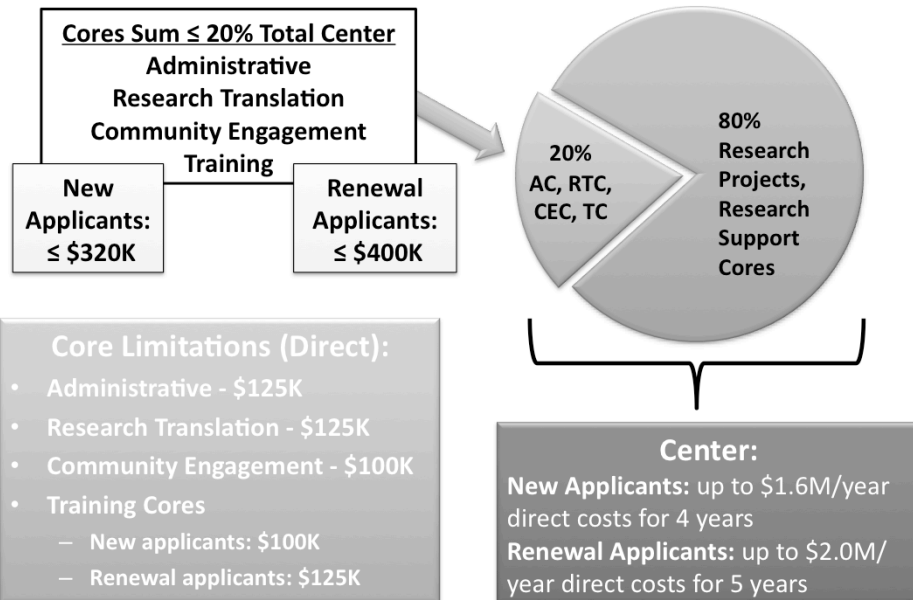
Helpful  
Tips

- 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

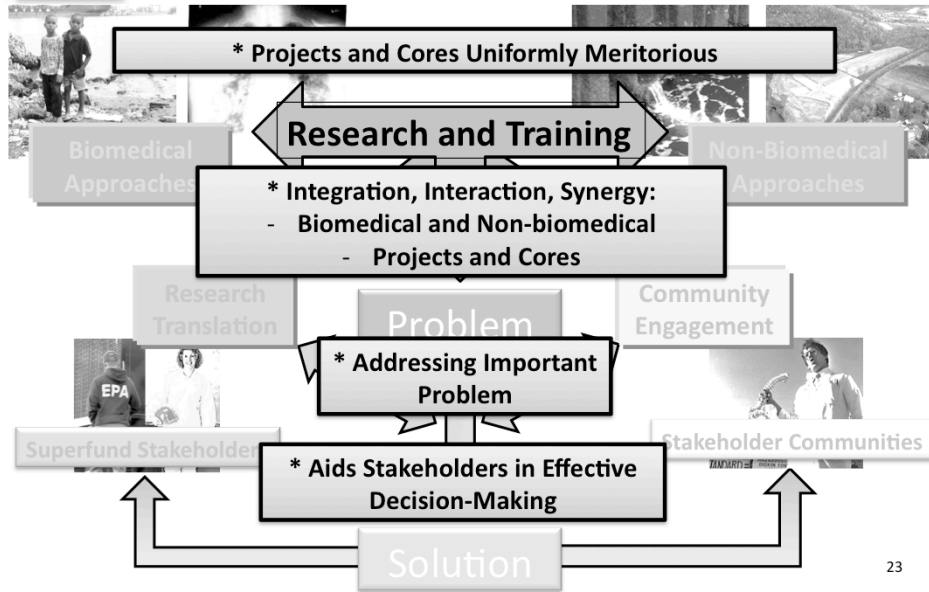
- Research Translation Core
  - Translation plan for each project
- Research Strategy (12 page limit)
- Review Scoring System
- One Resubmission (A1)
- Community Engagement
  - Core is Required
  - Community Engagement Projects (CEPs)
    - explicitly mentioned (had always been welcome)
    - e.g. community-based 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

Helpful  
Tips

## A Successful P42 Center



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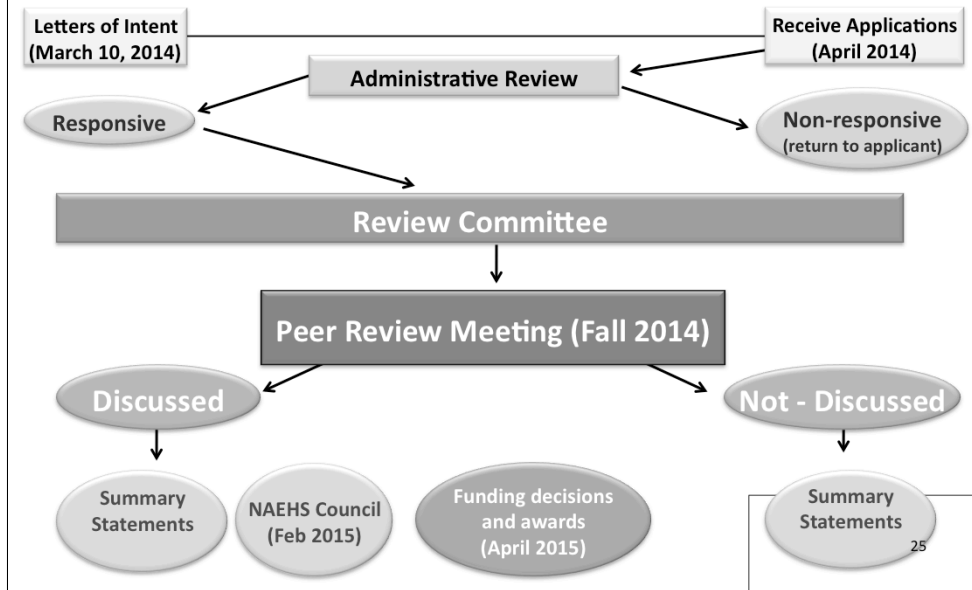
Review

**NIEHS SCIENTIFIC PEER REVIEW**

**SALLY TILOTTA, PHD (2014 P42 REVIEW )**

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# The Peer Review Process



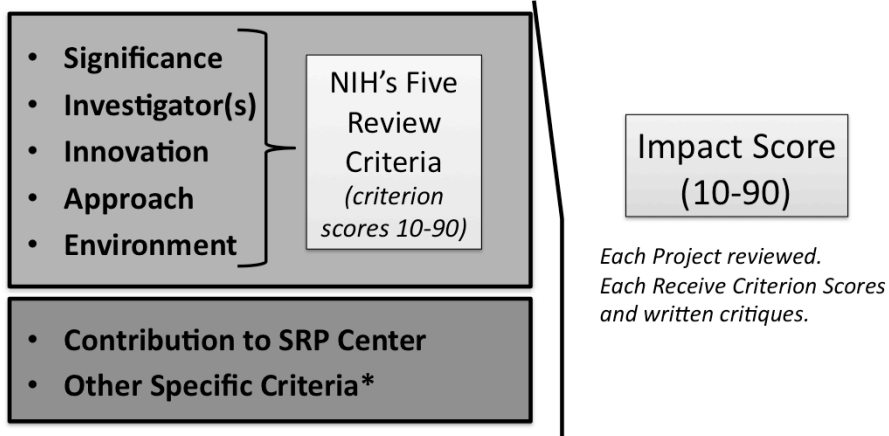
# Pre-Submission of P42 Application

- Submission of Letter of Intent (LOI):
  - Assists in review planning
  - Email to Dr. Sally Tilotta at [sally.tilotta@nih.gov](mailto: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



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)**

## 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](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](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.

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# 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 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.

Close Form

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

\* ORGANIZATIONAL DUNS:

\* Budget Type: ☐ Project ☐ Subaward/Consortium

Enter name of Organization:

Delete Entry \* 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. <div>Itemize up to 100 pieces of equipment. If more, include total dollars in line 11 and provide details in the Additional Equipment attachment</div>	<input type="text"/>
2. <input type="text"/>	<input type="text"/>
3. <input type="text"/>	<input type="text"/>
4. <input type="text"/>	<input type="text"/>
5. <input type="text"/>	<input type="text"/>
6. <input type="text"/>	<input type="text"/>
7. <input type="text"/>	<input type="text"/>
8. <input type="text"/>	<input type="text"/>
9. <input type="text"/>	<input type="text"/>
10. <input type="text"/>	<input type="text"/>
11. Total funds requested for all equipment listed in the attached file	<input type="text"/>

Total Equipment

Additional Equipment:

Add Attachment

Delete Attachment

View Attachment

D. Travel

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

E. Participant/Trainee Support Costs

	Funds Requested (\$)
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"/>	<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

## 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

Close Form

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

Next Period

\* ORGANIZATIONAL DUNS:

\* Budget Type: ☐ Project ☐ Subaward/Consortium

Enter name of Organization:

Start Date:  \* End Date:  Budget Period 1

F. Other Direct Costs	Funds Requested (\$)
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. Subaward/Consortium/Contractual Costs	<input type="text"/>
6. Equipment or 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"/>

Subaward/Consortium/Contractual Cost not pre-populated. Include both Total Direct and Indirect cost

G. Direct Costs	Funds Requested (\$)
Total Direct Costs (A thru F)	<input type="text"/>

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

J. Fee	Funds Requested (\$)
<input type="text"/>	<input type="text"/>

K. \* Budget Justification      
(Only attach one file.)

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

## R&R Budget Sections F - K

## 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 (\$)
<b>Section A, Senior/Key Person</b>		
<b>Section B, Other Personnel</b>		
Total Number Other Personnel		
<b>Total Salary, Wages and Fringe Benefits (A+B)</b>		
<b>Section C, Equipment</b>		
<b>Section D, Travel</b>		
1. Domestic		
2. Foreign		
<b>Section E, Participant/Trainee Support Costs</b>		
1. Tuition/Fees/Health Insurance		
2. Stipends		
3. Travel		
4. Subsistence		
5. Other		
6. Number of Participants/Trainees		
<b>Section F, Other Direct Costs</b>		
1. Materials and Supplies		
2. Publication Costs		
3. Consultant Services		
4. ADP/Computer Services		
5. Subawards/Consortium/Contractual Costs		
6. Equipment or Facility Rental/User Fees		
7. Alterations and Renovations		
8. Other 1		
9. Other 2		
10. Other 3		
<b>Section G, Direct Costs (A thru F)</b>		
<b>Section H, Indirect Costs</b>		
<b>Section I, Total Direct and Indirect Costs (G + H)</b>		
<b>Section J, Fee</b>		



### 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

**NIH** National Institute of Environmental Health Sciences  
Your Environment. Your Health.

Health & Education Research Funding Opportunities

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

**Also see "Current P42 Grantees:"**  
<http://tools.niehs.nih.gov/srp/programs/index267.cfm>

**Research**  
Funded by NIEHS Grants  
About the Extramural Research and Training Division  
Research Programs Funded by NIEHS  
Superfund Research Program  
SRP Funding Opportunities  
Funding Opportunities Webinar  
Individual Research Grants (R01)  
**Multiproject Center Grants (P42)**  
Additional Resources

**Multiproject Center Grants (P42)**  
Superfund Research Program  
With this 2013 Request for Applications (RFA), NIEHS proposes the construction of a Superfund Research and Training Program (P42) to address the broad range of issues that arise from the multimedia nature of hazardous waste sites. SRP-based, solution-oriented research Centers that consist of multiple, integrated projects representing both the biomedical and environmental science disciplines, as well as cores tasked with administrative, community engagement, research translation, research support, and training functions.  
The 2013 RFA was released on November 10, 2013 and the application deadline is April 10, 2014.  
On January 16 (1:00 PM - 2:30 PM EST), 2014 NIEHS staff will provide an informational webinar of the P42 mechanism and focus on changes from previous solicitations. You can register for this webinar via [EPA's webinars](#).

- [RFA ES-11-001: Superfund Hazardous Substance Research and Training Program \(P42\)](#) (439KB)
- [Suggested Research and Activities](#) (439KB)
- [Tips for Applicants](#)

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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

## **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)
Components of Participating Organizations	National Institute of Environmental Health Sciences (NIEHS)
Funding Opportunity Title	Superfund Hazardous Substance Research and Training
Activity Code	242 Hazardous Substances Basic Research Grants Program
Announcement Type	Reissue of RFA-ES-13-001
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, as defined in Section III. 3. Additional Information on Eligibility
Catalog of Federal Domestic Assistance (CFDA) Number(s)	93.143
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 Research Program (SRP) Centers. SRP Center grants will support research in the area of hazardous substance research and training.

Announcement text indicates electronic submission is required.

Key Dates	
Posted Date	October 2014
Open Date	January 2015
Earliest Start Date	April 2015
Expiration Date	April 15, 2014
Due Dates for E.O. 12372	Not Applicable

### \*\* ELECTRONIC APPLICATION SUBMISSION REQUIRED\*\*

NIH's new Application Submission System & Interface for Submission Tracking (ASSIST) is available for the electronic preparation and submission of multi-project applications through Grants.gov to NIH. Applications to this FOA must be submitted electronically; paper applications will not be accepted. ASSIST replaces the Grants.gov downloadable forms currently used with most NIH opportunities and provides many features to enable electronic multi-project application submission and improve data quality, including: pre-population of organization and PI data, pre-submission validation of many agency business rules and the generation of data summaries in the application image used for review.

### Required Application Instructions

It is critical that applicants follow the instructions in the ASSIST Application Guide, except where instructed to do otherwise in this FOA or in a Notice from the ASSIST Guide for Grants and Contracts and where instructions in the Application Guide are directly related to the Grants.gov downloadable forms. Applicants must read and follow all application instructions in the ASSIST Application Guide. Instructions: Applicants

Apply for Grant Electronically

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

### Table of Contents

Part 1. Overview Information
Part 2. Full Text of the Announcement
Section I. Funding Opportunity Description
Section II. Award Information
Section III. Eligibility Information
Section IV. Application and Submission Information

# 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	12
Core (Use for Administrative, Research Translation, Community Engagement, Training, and Research Support Cores. (Please enter in ASSIST using this order.)	12
Project (Use for Biomedical Projects and Environmental Science and Engineering Projects. Note: Projects will be reviewed in the order in which they were entered into ASSIST)	12

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.

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

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>

The screenshot shows the ASSIST Login page. At the top, the U.S. Department of Health and Human Services logo is on the left, and 'Contact Us' and 'Help Desk' links are on the right. The main header reads 'Application Submission System & Interface for Submission Tracking (ASSIST)'. Below this is a banner image of a stethoscope and a globe. A speech bubble points to the login form, stating: 'ASSIST leverages the eRA Commons accounts that most applicants already have.' The login form has fields for 'User Name' and 'Password', with 'Login' and 'Cancel' buttons. Below the form is a link: 'Forgot Username/Password?'. To the right of the form is a text block: 'Submit multi-project grant applications electronically to NIH and other Public Health Service Agencies...'. Below this is a paragraph: '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'. On the far right is a 'Need Help?' section with a 'Resources' list containing 'APPLICATION GUIDE' and 'ASSIST USER GUIDE'.

U.S. Department of Health and Human Services

Application Submission System & Interface for Submission Tracking (ASSIST)

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

Login

User Name

Password

Login Cancel

[Forgot Username/Password?](#)

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

U.S. Department of Health & Human Services

Application Submission System & Interface for Submission Tracking (ASSIST)

Username: CHERDMONEY4  
from: WHATSAMATTA U

Home | Application Information | Components Information

## Overall Component

Actions

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

Select Component Type

- Overall
- Overall

The required forms are presented for the component.

Summary | RBR Cover | Cover Page Supplement | Other Project Information | Checklist | Sites | PI/Key Person Profile | Research Plan

### 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
Progress	-12 02:34:13.000 PM EST

The **Overall Component** is added to the component navigation.

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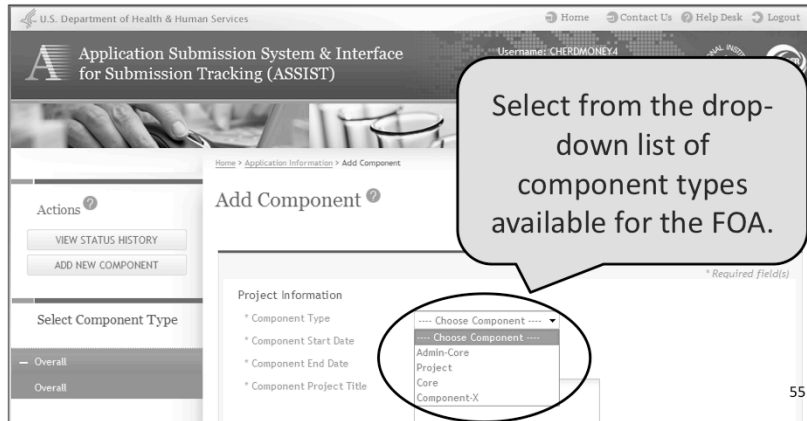
## Adding Additional Components



Actions

- VIEW STATUS HISTORY
- ADD NEW COMPONENT**
- PREVIEW CURRENT COMPONENT
- UPDATE COMPONENT STATUS

Click **Add New Component** to continue building your application.



U.S. Department of Health & Human Services

Application Submission System & Interface for Submission Tracking (ASSIST)

Username: CHERIMONEY4

Home > Application Information > Add Component

Add Component

Select Component Type

- Overall
- Overall

Project Information

- \* Component Type
- \* Component Start Date
- \* Component End Date
- \* Component Project Title

Choose Component

- Admin-Core
- Project
- Core
- Component-X

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Select from the drop-down list of component types available for the FOA.

# Adding Components

Applicants continue adding components to build out their application.

Actions <sup>?</sup>

VIEW STATUS HISTORY

ADD NEW COMPONENT

ADD OPTIONAL FORM

PREVIEW CURRENT COMPONENT

UPDATE COMPONENT STATUS

Select Component Type

+ Overall

+ Admin-Core

+ Core

- Project

990-Project

478-Project

965-Project

Project

Summary

R&R Cover

Cover Page Supplement

Other Project Information

Sites

Sr/Key Person Profile

R&R Budget

Research Plan

Component Information

Component Identifier:

965-Project

Component Type:

Project

Component Title:

Fabulous Research Focus 3

Component Project Lead(s):

Organization:

University of Michigan

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.

## **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](http://grants.nih.gov/grants/ElectronicReceipt/com_index.htm)
- Need help with ASSIST?
  - [http://grants.nih.gov/grants/ElectronicReceipt/faq\\_full.htm#about](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:

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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>

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

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