



Oklahoma Center for the Advancement of Science and Technology

FY12 Health Research Workshop

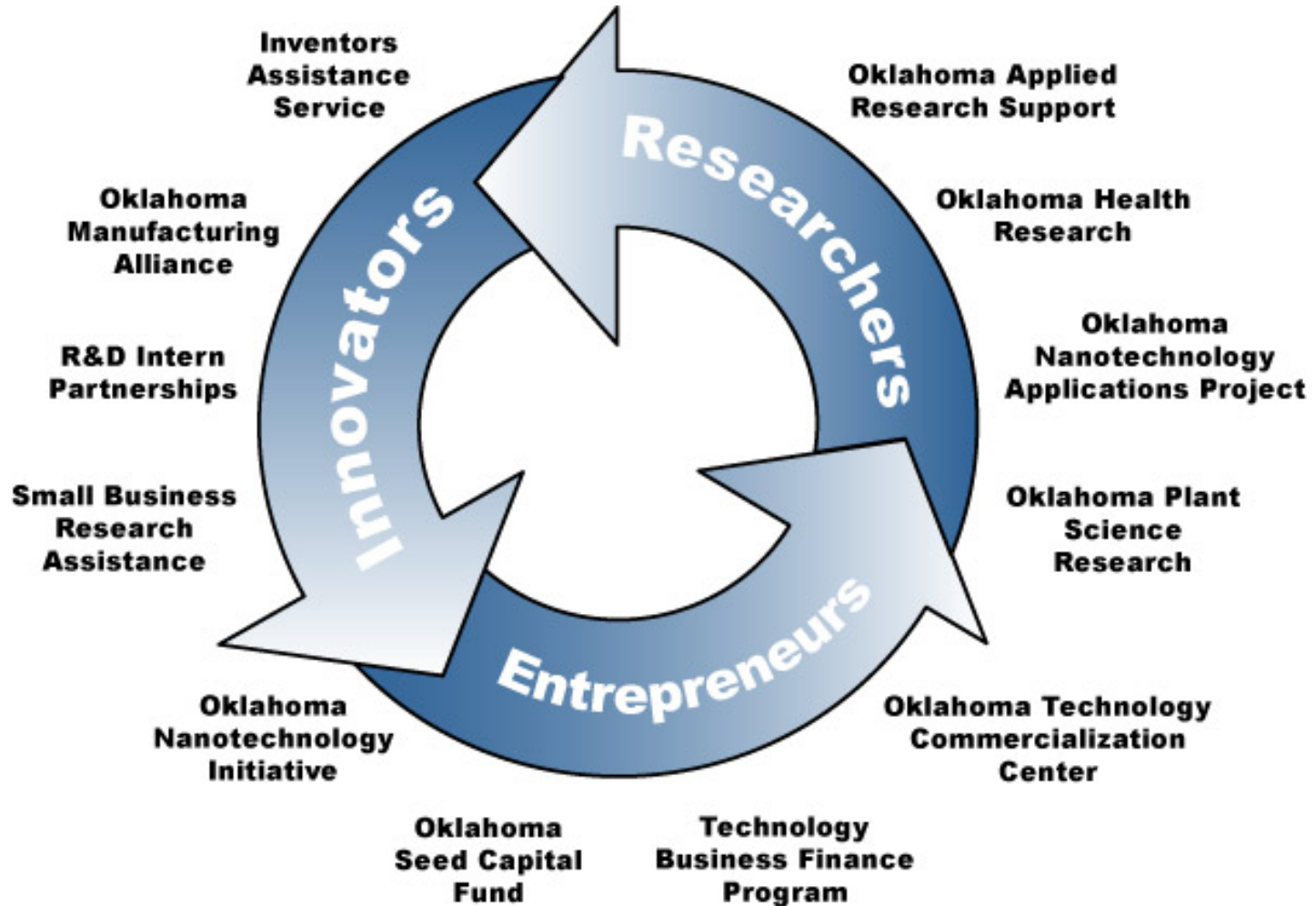
OCAST ROI

- \$18.7 million awarded for all programs in FY11
- \$479 million leveraged in private, federal and business financials
- Over 2,300 projects funded since 1987
- \$4.3 billion leveraged since 1987
- 20:1 cumulative leverage ratio

Health ROI

- FY11, OCAST funded \$4.4 million in Health Research projects
- \$32.5 million was leveraged in private, federal and business financials for an annual leverage ratio of 7.3:1.
- Since 1987, \$68.3 million has been award to Health Research projects

OCAST Funding Programs



Health Historical Information

- FY11 received 168 applications
 - 153 approved for funding
 - 30 awards made initially
 - 2 additional projects subsequently funded
- 26 percent of all applications have been funded

Health Research Purpose

Provides seed funding to research projects conducted by Oklahoma-based investigators for the purposes of:

- Enhancing the competitiveness of Oklahoma health researchers for national research funds.
- Recruiting and retaining outstanding health research scientists for the state.
- Improving health care for Oklahoma citizens.
- Strengthening the state's health care industry.

Health Research Purpose

Research funded under this program investigates:

- Causes of human diseases and disabilities.
- Treatment and prevention of human diseases and disabilities.
- The development of health care products and services.

Award Information

- \$45,000 per year
- Up to 3 years
- Reimbursement contracts

Award Information

- Funding awards are made on a year-to-year basis
- Approval of a multiple year award or funding of any year of a contract shall not automatically lead to funding in subsequent years.
- For each year awarded, continued funding shall be dependent on a satisfactory annual performance evaluation and the availability of funds.

Eligible Organizations

OCAST awards competitive health research contracts to:

- Public and private colleges and universities in Oklahoma,
- Nonprofit health research organizations in the state,
- Private enterprises of special importance to the Oklahoma economy. Enterprise is defined as a firm with its principal place of business in Oklahoma.

Applicant Eligibility

An eligible applicant is employed by, or affiliated with, an eligible applicant organization and must be an Oklahoma resident.

Applicant Eligibility

- Prior to submission of a new application, previous recipients of Oklahoma Health Research contracts must submit an application to a national funding organization.
- OCAST informs reviewers regarding satisfactory or unsatisfactory performance on previous OCAST contracts.

Applicant Eligibility

- An individual PI may hold only one Oklahoma Health Research contract at a time
- A currently funded PI may compete with a new project, and, if successful, decline the current award to accept the new award.
- A currently funded PI may apply if the current project funding ends prior to the beginning of funding of a new FY11 award.

Ineligible Applicants

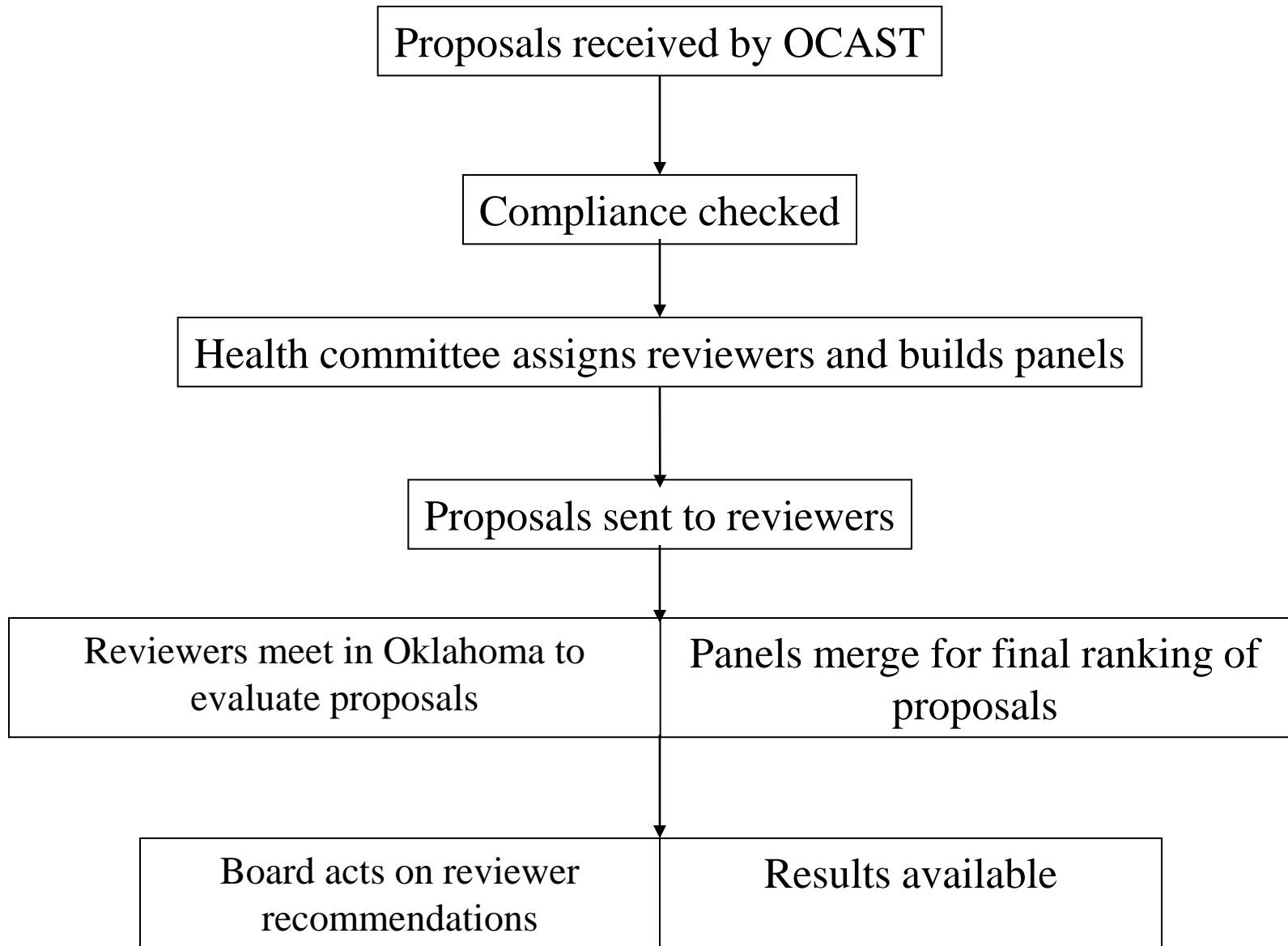
An applicant is prohibited from applying if:

- S/he has not responded to OCAST requests for information, impact survey data, or special reports on a previously funded OCAST project.
- S/he has a delinquent progress report at the time of application.
- S/he has a delinquent progress report at the time of award. PI will not receive a contract until the progress report has been submitted.



Oklahoma Center for the Advancement of Science and Technology

Review Process & Evaluation Criteria



Evaluation Criteria

Significance

- Does this study address an important problem?
- If the aims of the application are achieved, how will scientific knowledge or clinical practice be advanced?
- What will be the effect of these studies on the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field?

Evaluation Criteria

Approach

- Are the conceptual or clinical framework, design, methods, and analyses adequately developed, well integrated, well reasoned, and appropriate to the aims of the project?
- Does the applicant acknowledge potential problem areas and consider alternative tactics?

Evaluation Criteria

Innovation

- Is the project original and innovative?
- Does the project develop or employ novel concepts, approaches, methodologies, tools, or technologies for this area?

Evaluation Criteria

Investigators

- Are the investigators appropriately trained and well suited to carry out this work?
- Is the work proposed appropriate to the experience level of the principal investigator and other researchers?
- Does the investigative team bring complementary and integrated expertise to the project?

Evaluation Criteria

Environment

- Does the scientific environment in which the work will be done contribute to the probability of success?
- Do the proposed studies benefit from unique features of the scientific environment, or subject populations, or employ useful collaborative arrangements?
- Is there evidence of institutional support?



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Standards & Requirements

Solicitation Forms

Statement of Intent
&
Application

Editable forms can be found online at:

www.ok.gov/ocast

Submission Requirements

Statement of Intent

- One-page form found in the solicitation
- Any and all information on the Intent can change on the application
- Each PI may submit only one Intent

Submission Requirements

Statement of Intent

- Deadline:
 - 5:00 P.M., February 1, 2012
- Delivery Method:
 - By mail or fax to (405) 319-8426

Intents will not be accepted by e-mail

DO NOT FOLLOW A FAXED COPY WITH A MAILED
ORIGINAL

Submission Requirements

Principal Investigator: _____

**Oklahoma Center for the Advancement of Science and
Technology (OCAST)
FY11 Oklahoma Health Research Program
Statement of Intent**

Each principal investigator must submit a statement of intent by the intent deadline: 5:00 pm, January 19, 2011. Only applicants who comply with this requirement shall be eligible to submit an application.

Statements of Intent may be faxed to 405-319-8426 to meet the deadline; which is January 19, 2011 at 5:00 PM. It is the responsibility of the PI to ensure that the intent is received by OCAST by the scheduled deadline. The applicant assumes the risk that the OCAST fax machine may be over-loaded or otherwise inoperable close to the scheduled deadline. Statements of Intent will not be accepted via electronic mail or in any electronic format.

Oklahoma Center for the Advancement of Science and Technology
755 Research Parkway, Suite 110
Oklahoma City, Oklahoma 73104
Fax: 405-319-8426

1. Principal investigator (PI) information

Name: _____		Terminal Degree: _____
Position or Title: _____		
Organization of Principal Investigator: _____		
Address: <i>(include department, division or equivalent and zip+4)</i> _____ _____		Phone: _____
		Fax: _____
E-mail: _____	URL: _____ http://	
Signature of PI: _____	Date: _____	

2. Estimated request for OCAST funds (may differ from final proposal)

Year 1	Year 2	Year 3
\$ _____	\$ _____	\$ _____

Submission Requirements

Application

- Deadline:
 - 5:00 P.M., February 22, 2012
- Delivery Method:

Mail or hand delivered to the Oklahoma City or Tulsa office.

No e-mail or faxed applications

Required Materials

Each Health application must include the following materials:

Number of Sets	Contents
1	Original paper application, marked “original,” with appendices attached. Prepare required Application Form pages 1-11 (Items 1-23A) as provided. Refer to Required Attachments pages 1-8 (Items 26-36) for instructions to prepare text sections of the application including, presentation order and headings. OCAST prefers to receive applications without binder clips, rubber bands, or other fasteners; please simply place the application in an envelope, as all fasteners will be discarded upon receipt for filing purposes.
1	Copy of Application Pages 1-11 (Items 1-23A), stapled in the upper left corner
1 CD	A single file containing the entire application in .PDF format including appendices. Please check this file on a PC before delivery.

Required Materials

- The CD must be a single .PDF file
- For identification purposes, the CD must be marked by a permanent marker as HR12-XXX
FirstName LastName. Please do not add an adhesive label to the CD.
- CDs will be read by OCAST on PCs. Please ensure that your file is correctly saved and readable on a PC before delivery.

Required Materials

- 8 ½ x 11-inch white paper with not less than 0.5-inch margins
- Single to 1.5 spacing with font size not smaller than 10-pt
- Use the presentation order and headings as shown in solicitation attachment
- Total section page length includes
 - Text
 - Inserted graphs
 - Charts
 - Figures
- If not applicable, acknowledge by number the number and title by ‘Not Applicable’

Required Materials

- OCAST prefers to receive applications with as few fasteners as possible
- Do not use binders or add cover sheets
- OCAST recommends colored sheets to separate major sections of the proposal

Resubmissions

- A resubmission is a *new* proposal, which includes the information below:
 - A current Statement of Intent
 - Indication that the application is a resubmission
 - Appendix II that includes:
 - a letter responding to the reviewers' comments from the previous review and noting all changes in the research plan,
 - a copy of the previously submitted application, and
 - all reviews of that application.

Release of Information

OCAST is subject to the Open Meetings Act and the Open Records Act.

Statements of Intent, application abstracts and executive summaries from progress reports are considered public information.

However, marketing plans, financial statements, trade secrets, research concepts, methods or products, or any other proprietary information are exempt by statute.

Additional Requirements

- Refer to the solicitation for the following:
 - IRB (Required Attachments page 4)
 - Biographical information (Required Attachments page 2)
 - Letters of commitment (Required Attachments page 4)
 - OCAST, previous, and other support (Required Attachments page 3)
 - Post Award Support (Instructions page 9)



Oklahoma Center for the Advancement of Science and Technology

Research Plan

Maximum 15 pages

Research Plan

Organize sections **A - D** of the Research Plan to answer these questions:

1. What do you intend to do? (Approach)
2. Why is the work important? (Significance)
3. What has already been done? (Innovation)
4. How are you going to do the work? (Environment)

Research Plan

A. Specific Aims

List the broad, long-term objectives and the goal of the specific research proposed. Is it to test a stated hypothesis, create a novel design or solve a specific problem?

Research Plan

B. Background and Significance

1. Briefly sketch the background of the proposed project, critically evaluate existing knowledge and specifically identify the gaps that the project is intended to fill.
2. State concisely the importance of the research by relating the specific aims to longer-term objectives.
3. What is the innovation? Describe the effect of the studies on the concepts, methods, technologies, treatments or services that drive this field.

Research Plan

C. Preliminary Studies

Provide an account of the PI's progress, which led to formulating the proposed project, as well as any other information that will assist the reviewers in assessing the competence of the PI for performing the project.

Research Plan

D. Research Design and Methods

1. Discuss in detail the research design and the clinical framework, procedures, and analyses to be used to accomplish the specific aims of the project.
2. Describe the protocols to be used.
3. Provide a tentative timetable for the project. Include the means by which the data will be analyzed and interpreted.
4. Discuss any new methodology and its advantage over existing methodologies.
5. Discuss the potential difficulties and limitations of the proposed procedures and the alternative approaches to achieve the aims.
6. Point out any procedures, situations or materials that may be hazardous to personnel and the precautions that will be exercised.

Literature Cited

- Do not scatter complete literature citations throughout the text
- Number the references in order of appearance and provide the complete citations that correspond to the numbers in the list at the end of the research plan
- For references available on the web add the address and the date you accessed the site in parentheses at the end of the source



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Budgets

Direct Costs

- The Health program allows only research direct cost expenses.
 - Examples of allowed direct costs:
 - Research related: travel, supplies, equipment, patient care, alterations, rent, phone, and utilities
 - Examples of non-allowed direct costs:
 - Advertising, public relations, food, housing cost, automobiles, personal computers, lobbying costs, selling and marketing costs, first class air travel, patent and licensing fees

Indirect Costs

- OCAST does not allow Indirect Costs
 - Examples of Indirect Costs
 - Building & equipment depreciation, interest, operations and maintenance, overhead, administrative support, library, tuition and fees

Awards

- Awards are expected to be announced in late June
- Award winners are obligated to attend the OCAST-sponsored Health Research Conference for each year they hold an active contract
- Pending any budget cuts OCAST may receive, approximately 30 awards should be made

Contact Information

We are available anytime for assistance or one-on-one meetings. Please don't hesitate to contact us.

Tessa North

Program Manager

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405.319.8410

www.ok.gov/ocast