

# Louisiana Board of Regents

Roy Martin III, Chair  
William Fenstermaker, Vice Chair  
Raymond Brandt  
Chris Gorman  
Edward Markle  
Albert Sam II

## Sponsored Programs Committee

March 26, 2014 at 10:30 a.m.

[www.regents.la.gov](http://www.regents.la.gov)



# AGENDA ITEM III

## BOARD OF REGENTS SUPPORT FUND **COMPREHENSIVE BRIEFING**

MARCH 26, 2014

# GUESTS

❖ Carolyn Hargrave (formerly LSU-BR), Louisiana State University System



❖ Ramesh Kolluru (ULL), University of Louisiana System



❖ Derrick Manns, Louisiana Community and Technical College System



❖ Patrick Mensah (SUBR), Southern University System



❖ Yvette Jones (Tulane), Louisiana Association of Independent Colleges & Universities



❖ Stuart Bell, Louisiana State University and A&M College



# THREE OBJECTIVES



I.

## Enduring BoRSF Attributes, 1986 to Present

A. Constitutional Amendment: 1986

B. Board of Regents Policies, 1986-87 to Present

- Original Programs & Subprograms
- STEM Disciplinary Priority

II.

## Scope of the BoRSF's Programmatic & Budgetary Priorities

A. Profiles

B. Examples

C. Selective: Returns on Investment

D. Comparisons: Levels of Endowment for Chairs & Professorships

E. Special Opportunity Investments



LAICU  
Louisiana Association of Independent Colleges & Universities

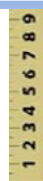


LCTCS  
Louisiana Community & Technical College System  
Changing Lives, Creating Futures



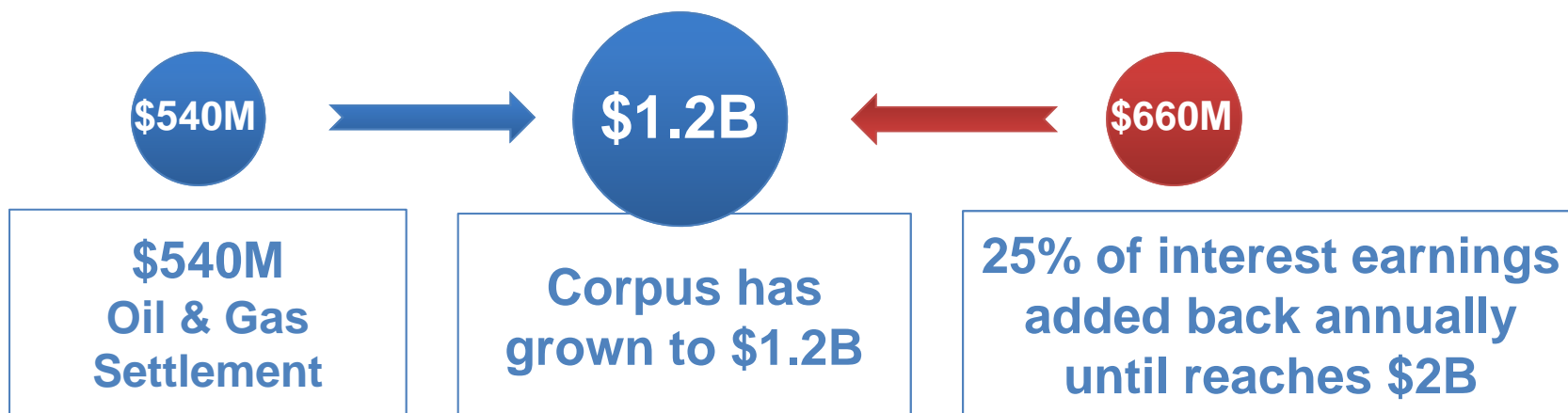
III.

## BoRSF Evaluation & Accountability

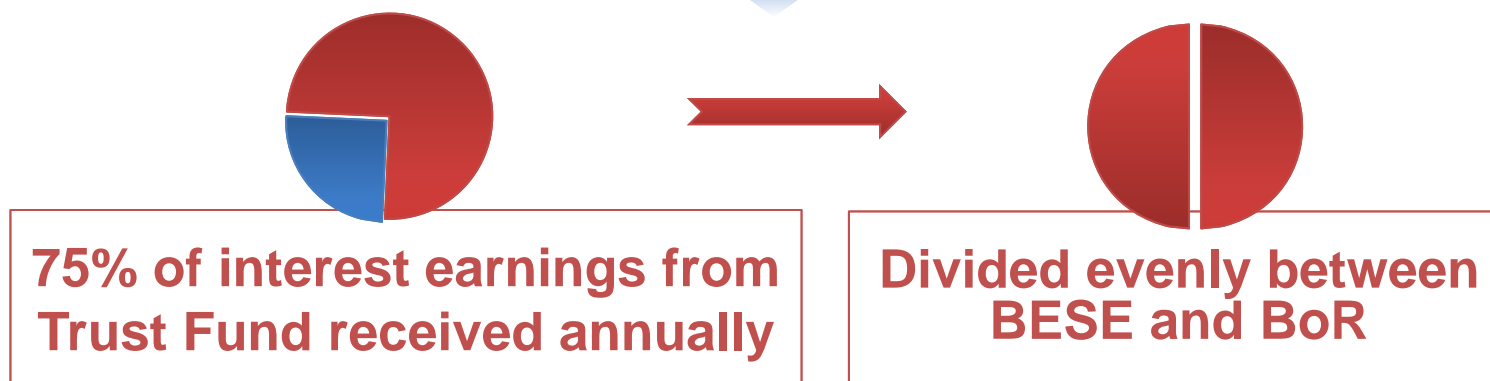


# CONSTITUTIONAL AMENDMENT: 1986

## Louisiana Education Quality Trust Fund (LEQTF)



## Louisiana Education Quality Support Fund (LEQSF)



# CONSTITUTIONAL AMENDMENT: 1986

## Goals

- Improve the Quality of Education
- Enhance Economic Development

## Constitutionally Designated Programs

- Endowed Chairs for Eminent Scholars
- Enhancement
- Research & Development
- Recruitment of Superior Graduate Students




# CONSTITUTIONAL AMENDMENT: 1986

- ❖ **Annual Plan & Budget required for approval by the Governor and Legislature**
- ❖ **Support Fund dollars cannot “displace, replace, or supplant” (Article 7) regular appropriations for higher education**





## ENDURING ATTRIBUTES OF THE SUPPORT FUND: BOARD OF REGENTS POLICIES, 1986-87 TO PRESENT

- The Regents have annually received advice from the BoRSF Planning and Advisory Committees
- The Regents have annually allocated dollars for each of the four Constitutional programs
- The Regents have annually allocated dollars in a manner to broaden campus eligibility and participation
- The Regents have annually approved awards to campuses based on competitive, merit-driven reviews  
     Rationales
- The Regents have annually given priority in funding to STEM disciplines





## RATIONALES

### COMPETITIVE & MERIT-DRIVEN PROCESS

- ❖ Allocates Dollars Consistent with Constitutional Goals and Regents' Priorities
- ❖ Insures Both Appearance and Substance of Objectivity and Fairness
- ❖ Prepares Faculty and Departments for Federal Grants Competition:
  - Comparable Reviewers to NSF/NIH
  - Proposal Feedback
- ❖ Provides Regents with Basis for Evaluation and Accountability

Undergraduate Enhancement Panel  
Reviewing Proposals



Research Competitiveness Subprogram  
Panel Reviewing Proposals



## ENDURING ATTRIBUTES OF THE SUPPORT FUND: BOARD OF REGENTS POLICIES, 1986-87 TO PRESENT

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     Rationales
- The Regents have annually given priority in funding to STEM disciplines  
     Examples I & II



## EXAMPLE I

### Research Competitiveness Subprogram

→ Only STEM Disciplines Eligible

→ **Some Annually**

→ **Some on a Two-Years-On, Two-Years-Off Cycle**


Eligible Every Year	Eligible in FY 2013-14, 2016-17, 2017-18, etc.	Eligible in FY 2014-15, 2015-16, 2018-19, etc.
<ul style="list-style-type: none"><li>• Biological Sciences</li><li>• Computer &amp; Information Sciences</li><li>• Earth &amp; Environmental Sciences</li></ul>	<ul style="list-style-type: none"><li>• Chemistry</li><li>• Engineering B</li><li>• Health &amp; Medical Sciences</li></ul>	<ul style="list-style-type: none"><li>• Agricultural Sciences</li><li>• Engineering A</li><li>• Mathematics</li><li>• Physics &amp; Astronomy</li><li>• Social Sciences</li></ul>

## EXAMPLE II

### Traditional Graduate Fellows Subprogram

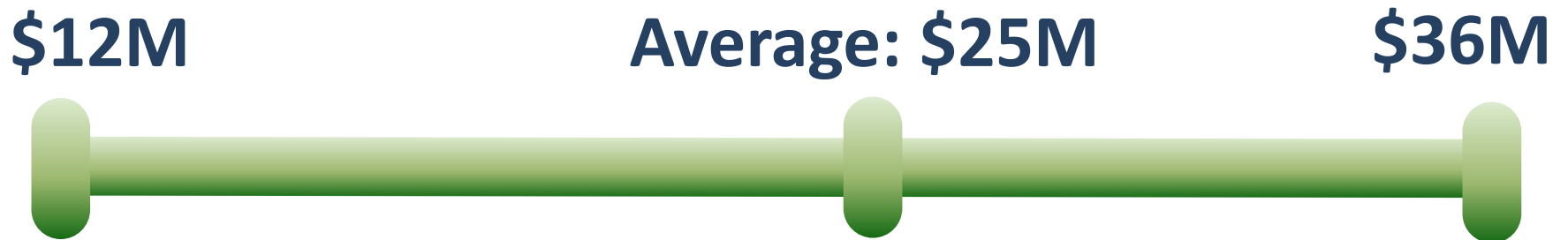
**Only Selected STEM Disciplines Eligible Annually;**

**Other Disciplines Eligible One-Year-On, One-Year-Off**



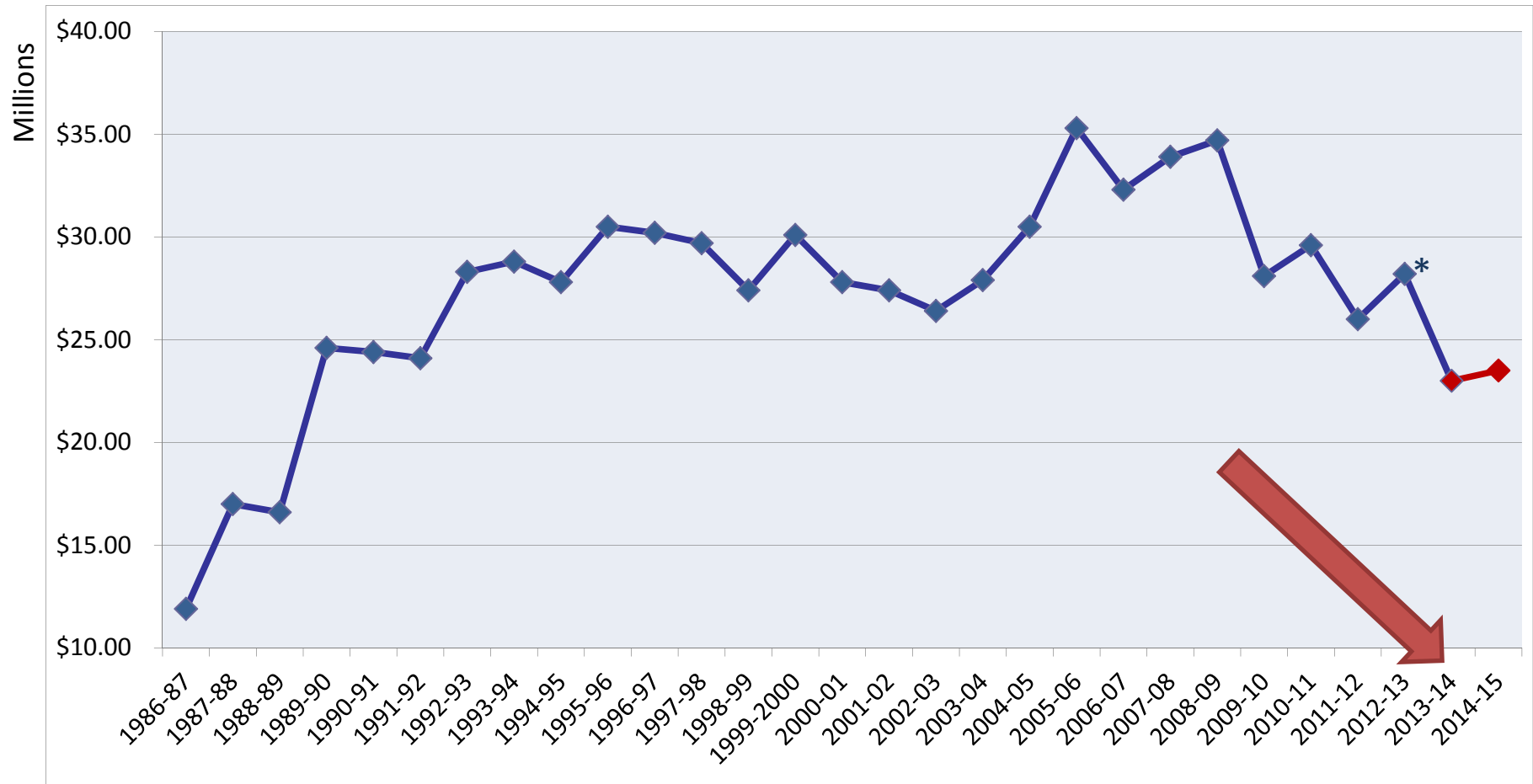
Eligible Every Year	Eligible in FY 2013-14, 2015-16, etc.	Eligible in FY 2014-15, 2016-17, etc.
<ul style="list-style-type: none"><li>• Biological Sciences</li><li>• Chemistry</li><li>• Computer &amp; Information Sciences</li><li>• Earth &amp; Environmental Sciences</li><li>• Engineering</li><li>• Health &amp; Medical Sciences</li><li>• Physics &amp; Astronomy</li></ul>	<ul style="list-style-type: none"><li>• Arts</li><li>• Humanities</li><li>• Social Sciences</li></ul>	<ul style="list-style-type: none"><li>• Agricultural Sciences</li><li>• Business</li><li>• Education</li><li>• Mathematics</li></ul>

# BORSF FUNDING RANGE & ANNUAL AVERAGE FYs 1986-87 THROUGH 2012-13



# BoRSF EXPENDITURES

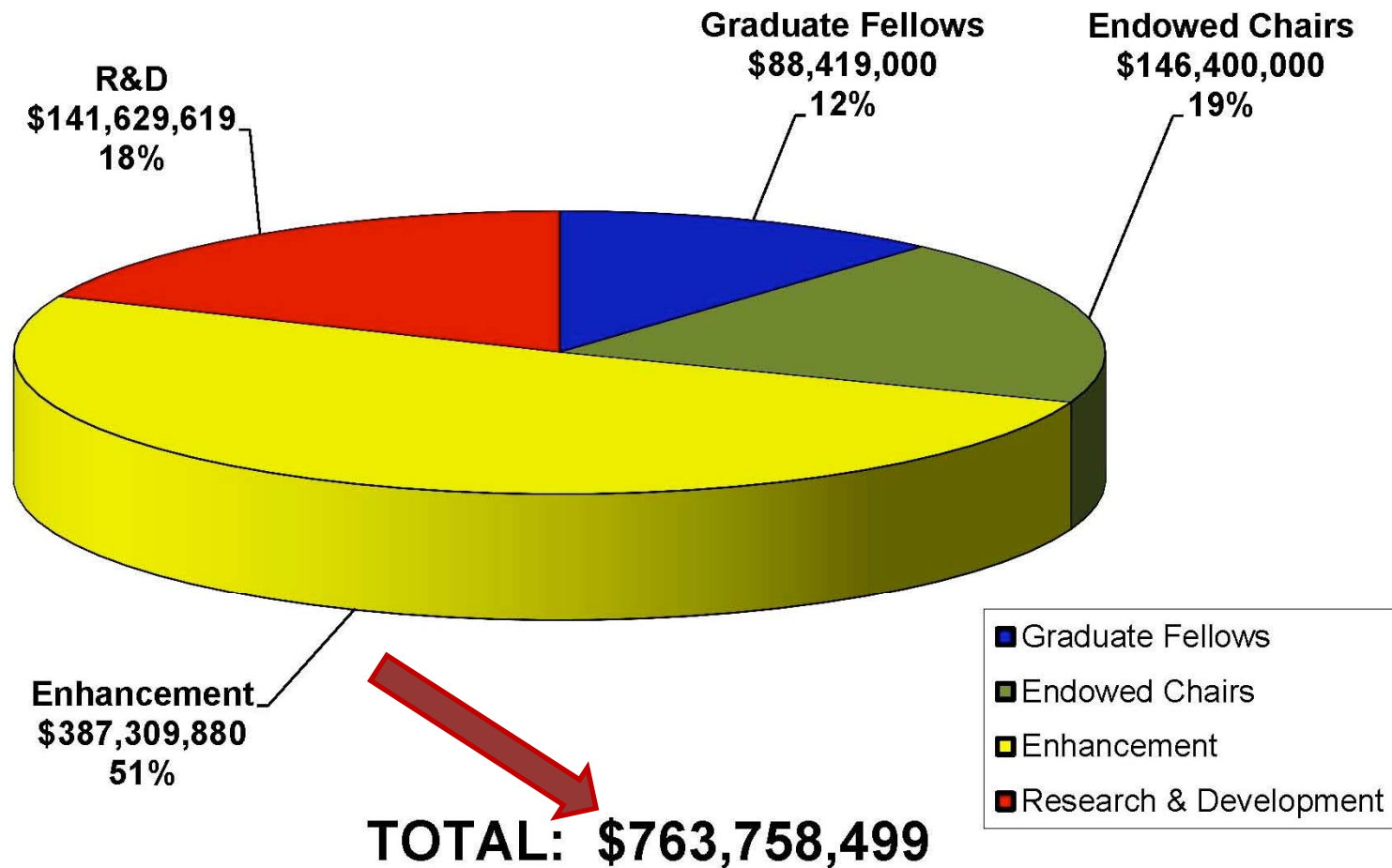
## 1986-87 THROUGH 2014-15



\* Includes additional \$5 million in gains realized to address Endowed Professorships backlog

# BoRSF ALLOCATIONS TO FOUR CONSTITUTIONAL PROGRAMS

**FYs 1986-87 THROUGH 2012-13**



# BOARD OF REGENTS SUPPORT FUND PROGRAMS

## ENDOWED CHAIRS FOR EMINENT SCHOLARS

Endowed Chairs (1986-87)

**Green = Constitutional Programs**

**Blue = Original Subprograms**

**Red = Added Subprograms**

## ENHANCEMENT

- a. Traditional Enhancement (1986-87)
- b. Federal Matching (1986-87)
- c. Undergraduate Enhancement (1990-91)
- d. Enhancement Program for Two-Year Institutions (2001-02)
- e. Endowed Professorships (1990-91)
- f. Endowed First-Generation Undergraduate Scholarships (2007-08)

## RESEARCH & DEVELOPMENT

- a. Research Competitiveness Subprogram (RCS) (1986-87)
- b. Industrial Ties Research Subprogram (ITRS) (1986-87)
- c. Awards to Louisiana Artists and Scholars Subprogram (ATLAS) (2004-05)

## RECRUITMENT OF SUPERIOR GRADUATE FELLOWS

- a. Traditional Graduate Fellows (1986-87)
- b. Graduate Fellowships for Teachers (1993-94)
- c. BoR/SREB Graduate Fellowships to Promote Diversity (2007-08)



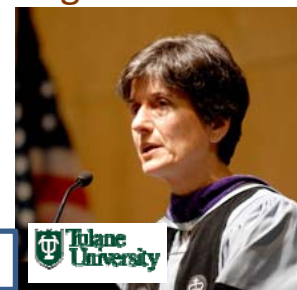
# SUBPROGRAM PROFILE

## ENDOWED CHAIRS FOR EMINENT SCHOLARS: 1986-87 TO PRESENT

### Purpose

Develop and Sustain Centers of Excellence in Research and Teaching

- Recruit and maintain nationally eminent senior faculty
- Attract critical mass of faculty, post-docs, graduate students and undergraduates
- Catalysts for research and economic development



Claire Dickerson

### Structure

40% State match to 60% private contribution to establish chairs at \$1 million+

### Endowed Levels

\$1 million (265); \$2 million (47); \$3 million (1)

### Eligibility

All campuses

### 2009-14: Funds Budgeted

\$15,200,000 total; \$3,040,000 per year average; 12% of total Support Fund budget (Rank: 4<sup>th</sup>)

### Important Events/Evolutions

- Non-competitive (1986-87 through 1991-92)
- Competitive (1992-93)
- Restricted Bequests (1992-93)
- Comprehensive reviews: 1998, 2009
- Must help fulfill campus mission (2011)



Nicolas Bazan



Randy Duran



Mark DeWitt

# RESTRICTED BEQUESTS

## SUBCOMPONENT OF ENDOWED CHAIRS

→ To establish eligibility, the estate instrument (will) must specifically indicate the donor's intent to match an endowed chair through the BoRSF

- Full proposal required
- Bequest proposal must receive a “satisfactory” rating (score of 70 or higher)
- First-come, first-served
- \$800,000 maximum match per year
- All post-award policies apply

15 funded, 1992-2013



**Carolina Cruz Niera**

**Walter Block**



**Lynn Groome**



**Olivier Moreteau**

# ALLOCATION OF \$400,000 MATCHES

## COMPETITIVE CHAIRS AND BEQUESTS

### 2003-04 THROUGH 2014-15

Fiscal Year	Budget	Available \$400,000 Matching Slots	Competitive Chairs	Restricted Bequests
2003-04	\$3,200,000	8	6	2 (\$400,000 each)
2004-05	\$3,200,000	8	*5	1 (\$400,000)
2005-06	\$3,200,000	8	*5	1 (\$800,000)
2006-07	\$3,200,000	8	*6	0
2007-08	\$3,200,000	8	*6	0
2008-09	\$3,200,000	8	*5	1 (\$400,000)
2009-10	\$3,200,000	8	*5	2 (\$400,000 each)
2010-11	\$3,200,000	8	*5	1 (\$400,000)
2011-12	\$3,200,000	8	*4	1 (\$800,000)
2012-13	\$3,200,000	8	*5	1 (\$400,000)
<b>2013-14**</b>	<b>\$2,400,000</b>	<b>6</b>	<b>4</b>	<b>1 (\$800,000)</b>
<b>2014-15</b>	<b>\$2,000,000</b>	<b>5</b>	<b>Not Yet Known</b>	<b>Not Yet Known</b>

\* One or more \$2 million Chairs funded at \$800,000 each

\*\* Funding recommendations for FY 2013-14 will be published on April 1, 2014

# ENDOWED CHAIRS FOR EMINENT SCHOLARS



- 26 Campuses
- 313 Chairs

- 62% STEM
- Rate of Return: \$1.50 in Non-State Funding for \$1 BoRSF



# MINIMUM EMINENT SCHOLAR CORPUS\*

## LOUISIANA: LOW END OF REGIONAL & NATIONAL RANGES

Red = SREB Member States

Gray = Other States

Louisiana: \$1 million

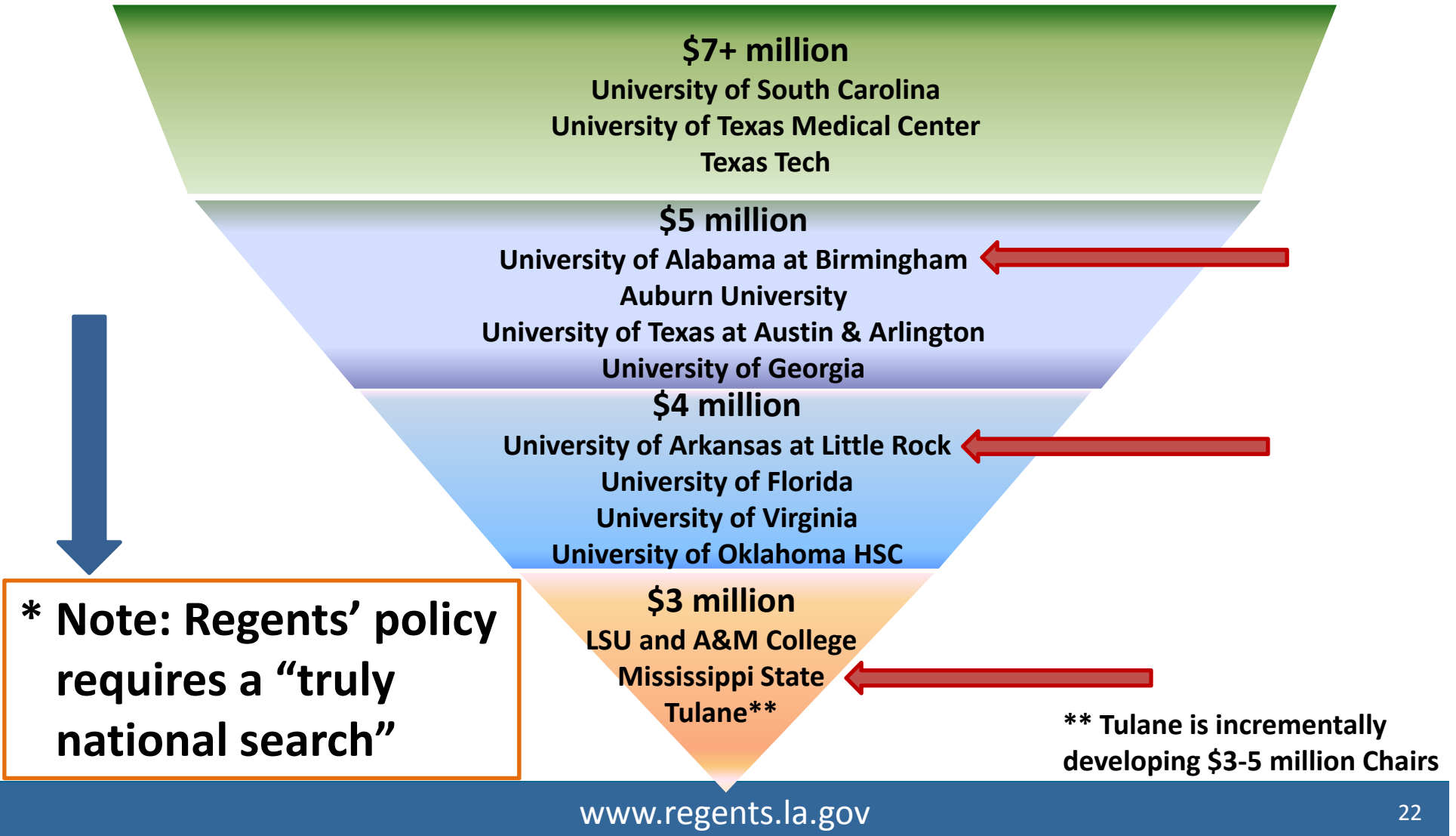
Other States: \$1-3 million

<b>Alabama: \$1.5 million</b>	Indiana: \$1.5 million	Nebraska: \$1 million	Rhode Island: Not Specified
Alaska: \$2.5 million	Iowa: Not Specified	Nevada: \$2.5 million	<b>South Carolina: \$1 million</b>
Arizona: \$1 million	Kansas: Not Applicable	New Hampshire: Not Specified	S. Dakota: \$1 million
<b>Arkansas: \$1 million</b>	<b>Kentucky: \$1 million</b>	New Jersey: \$3 million	<b>Tennessee: \$2 million</b>
California: \$1 million	<b>Louisiana: \$1 million</b>	New Mexico: \$1 million	<b>Texas: \$1 million</b>
Colorado: \$2 million	Maine: Not Specified	New York: Not Specified	Utah: \$2.5 million
Connecticut: \$1.5 million	<b>Maryland: Not Specified</b>	<b>North Carolina: Not Applicable</b>	Vermont: \$3 million
<b>Delaware: Not Specified</b>	Massachusetts: \$2.5 million	North Dakota: \$1 million	<b>Virginia: Not Applicable</b>
<b>Florida: \$1.5 million</b>	Michigan: Not Applicable	Ohio: \$1.5 million	<b>Washington: \$2 million</b>
<b>Georgia: \$1.5 million</b>	Minnesota: \$2 million	<b>Oklahoma: \$1 million</b>	<b>West Virginia: \$1.5 million</b>
Hawaii: Not Specified	<b>Mississippi: \$1.5 million</b>	Oregon: \$1.5 million	Wisconsin: \$2.5 million
Idaho: Not Specified	Missouri: \$2 million	Pennsylvania: Not Specified	Wyoming: \$3 million
Illinois: \$1.25 million	Montana: \$1.5 million		

\* Data collected from foundations/development offices of public flagship and regional campuses

# UPPER LEVEL EMINENT SCHOLAR CORPUS

## LOUISIANA: LOW END OF SELECTIVE REGIONAL RANGE



## RECOMMENDATION OF THE ENDOWED CHAIRS REVIEW PANEL, 2013-14

“To become competitive nationally for the most eminent research and instructional faculty, policies of the Board of Regents should encourage combined matches through private sources/State appropriations/Support Fund for chairs at considerably higher levels - \$3 million to \$7 million – particularly in select STEM areas related to the State’s priorities for economic development. The panel commends the Regents for including in its current policies provisions and encouragement for campuses to establish chairs with a more sizable corpus through both new matching and consolidation of existing matched slots.”

# BOARD OF REGENTS SUPPORT FUND PROGRAMS



## ENDOWED CHAIRS FOR EMINENT SCHOLARS

Endowed Chairs (1986-87)

Green = Constitutional Programs

Blue = Original Subprograms

Red = Added Subprograms



## ENHANCEMENT

- a. Traditional Enhancement (1986-87)
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## RECRUITMENT OF SUPERIOR GRADUATE FELLOWS

- a. Traditional Graduate Fellows (1986-87)
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# SUBPROGRAM PROFILE

## TRADITIONAL ENHANCEMENT: 1986-87 TO PRESENT

### Purpose

Enhance the infrastructure of academic, research and agricultural departments and units

- State-of-the-art/high-impact academic and research equipment, supplies, and software
- Special initiatives such as seminars, curriculum development, and student enrichment

### Structure

One- and two-year awards ranging from \$5,000 to \$500,000

### Eligibility

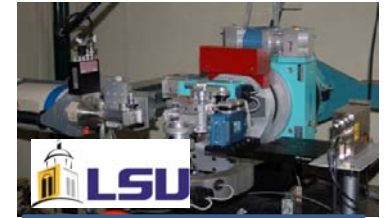
All campuses

### 2009-14: Funds Budgeted

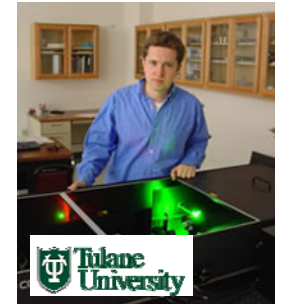
\$17,339,462 total; \$3,467,892 per year average; 14% of total Support Fund budget (Rank: 2<sup>nd</sup>)

### Important Events/Evolutions

- Enhancement grows into multiple subprograms beginning in FY 1990-91
- Comprehensive review 2003



CAMD X-ray Powder Diffraction Beamline



Ti:Sapphire Laser System



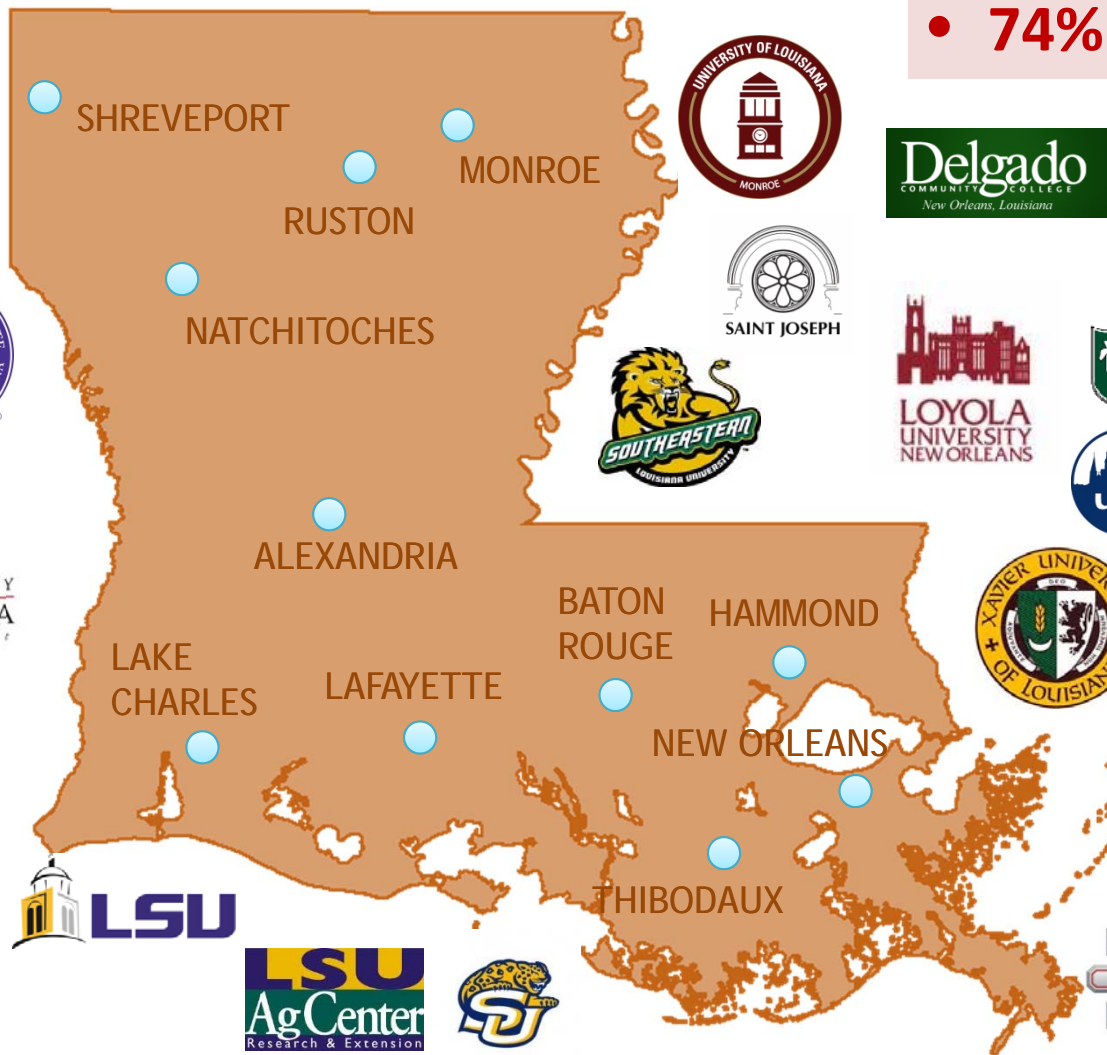
Greenhouse Upgrades

# TRADITIONAL ENHANCEMENT

- 31 Campuses
- 1,672 Awards
- **74% STEM**



LSUS



LOUISIANA TECH  
UNIVERSITY



# SUBPROGRAM PROFILE

## FEDERAL MATCHING: 1986-87 TO PRESENT

### Purpose

Partial State commitment to enhance prospects for higher levels of federal funding

### Structure

Support Fund partial match made conditional on receipt of a competitively awarded Federal grant with statewide and/or multistate impact

### Eligibility

All campuses

### 2009-14: Funds Budgeted

\$19,225,000 total; \$3,845,000 per year average; 15% of total Support Fund budget (Rank: 1<sup>st</sup>)

### Examples

- I. NSF Experimental Program to Stimulate Competitive Research (EPSCoR)
- II. NIH Biomedical Research Network
- III. NSF Louisiana Systemic Initiatives Program (LaSIP)
- IV. Federal Research Centers



# FEDERAL MATCH: EXAMPLE I



## LOUISIANA EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCoR): 1989-PRESENT

Lead Institution: Louisiana Board of Regents  
Current Project Director: Dr. Michael Khonsari

- ❖ Enhance Competitiveness of Louisiana Universities in Federal Research
- ❖ 33 Campuses
- ❖ 17 Competitive Federal Awards



Researchers at the Gulf Oil Spill Conference



Project Director Khonsari in the Lab



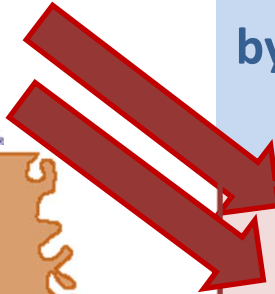
LaSIGMA All Hands Meeting

# LA Experimental Program to Stimulate Competitive Research (EPSCoR)



# NSF EPSCoR Dollars Received by the BoR, 1989-2013

- \$140,856,130 in Federal Funds
- \$32,442,036 in BoRSF Match
- 100% STEM
- Rate of Return: \$4.34 in Federal Funding for \$1 BoRSF



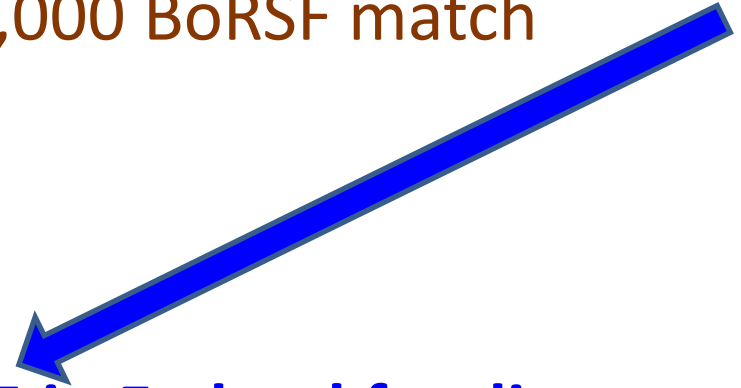
# NSF EPSCoR PROPOSAL: FY 2015-2020



- Request of \$4 million in National Science Foundation funds with \$800,000 BoRSF match



- Anticipated rate of return: **\$5 in Federal funding for every \$1 of BoRSF match**



## FEDERAL MATCH: EXAMPLE II

# NIH INSTITUTIONAL DEVELOPMENT (IDeA) AWARD TO LSU AND A&M COLLEGE (2009-14)

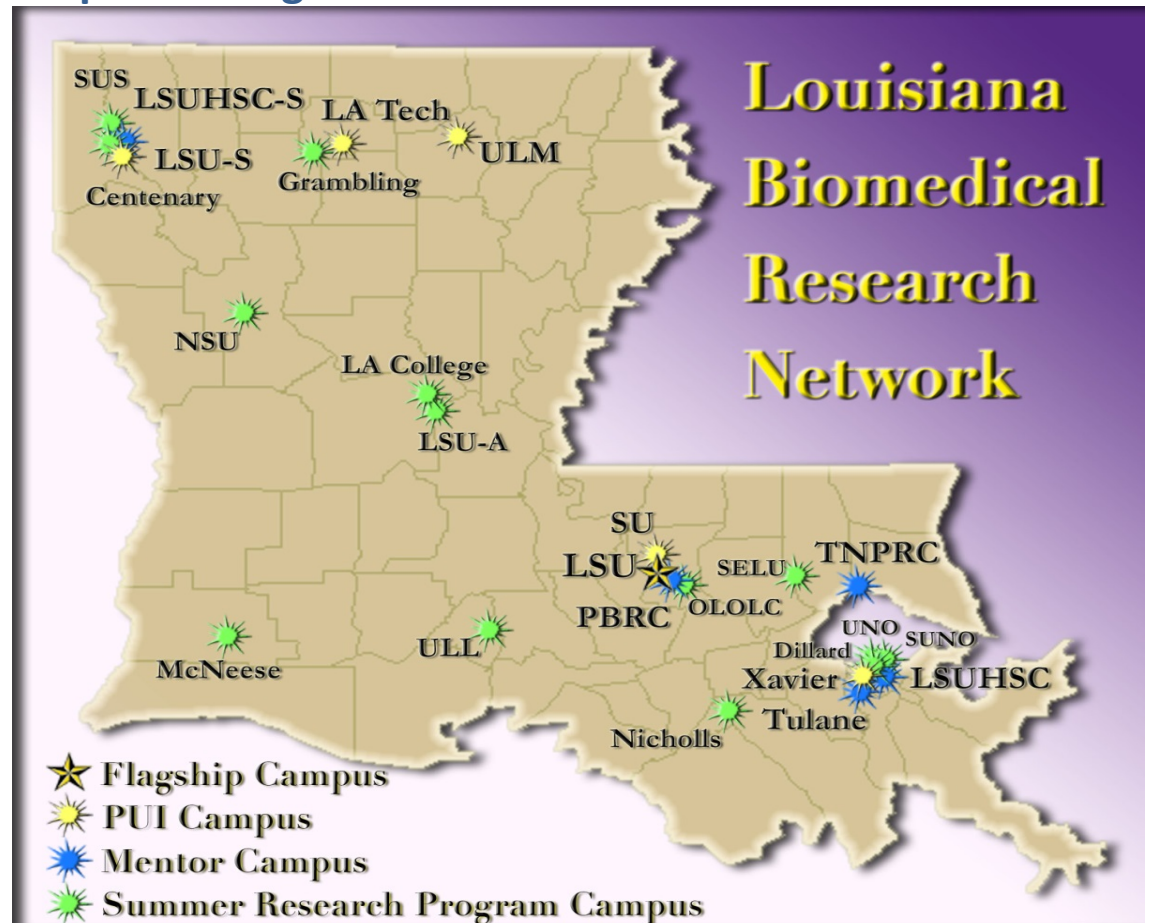
Lead Institution: LSU and A&M College

Current Principal Investigator: Dr. Tom Klei

Enhance Louisiana's  
Competitiveness in  
Biomedical Research &  
Education

- \$15,374,671 in Federal funds
- \$1,148,000 BoRSF match
- 25 campuses participating

Rate of return: \$13.39 in Federal  
funding for every \$1 of BoRSF match



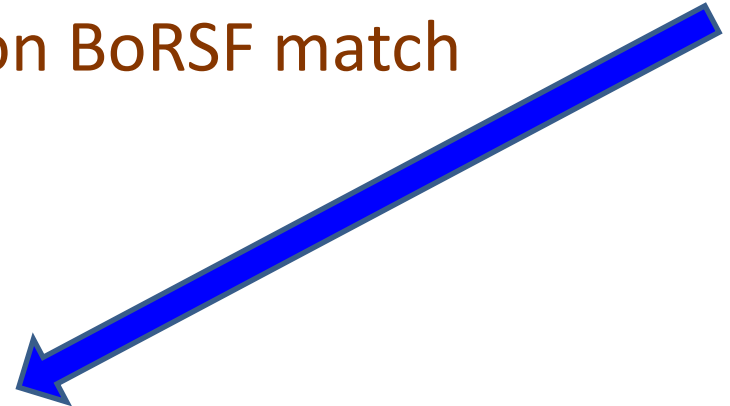
# NIH IDeA PROPOSAL: FY 2015-2020



- Request for \$12.5 million in National Institutes of Health funds with \$1.2 million BoRSF match



- Anticipated rate of return: **\$10.41 in Federal funding for every \$1 of BoRSF match**





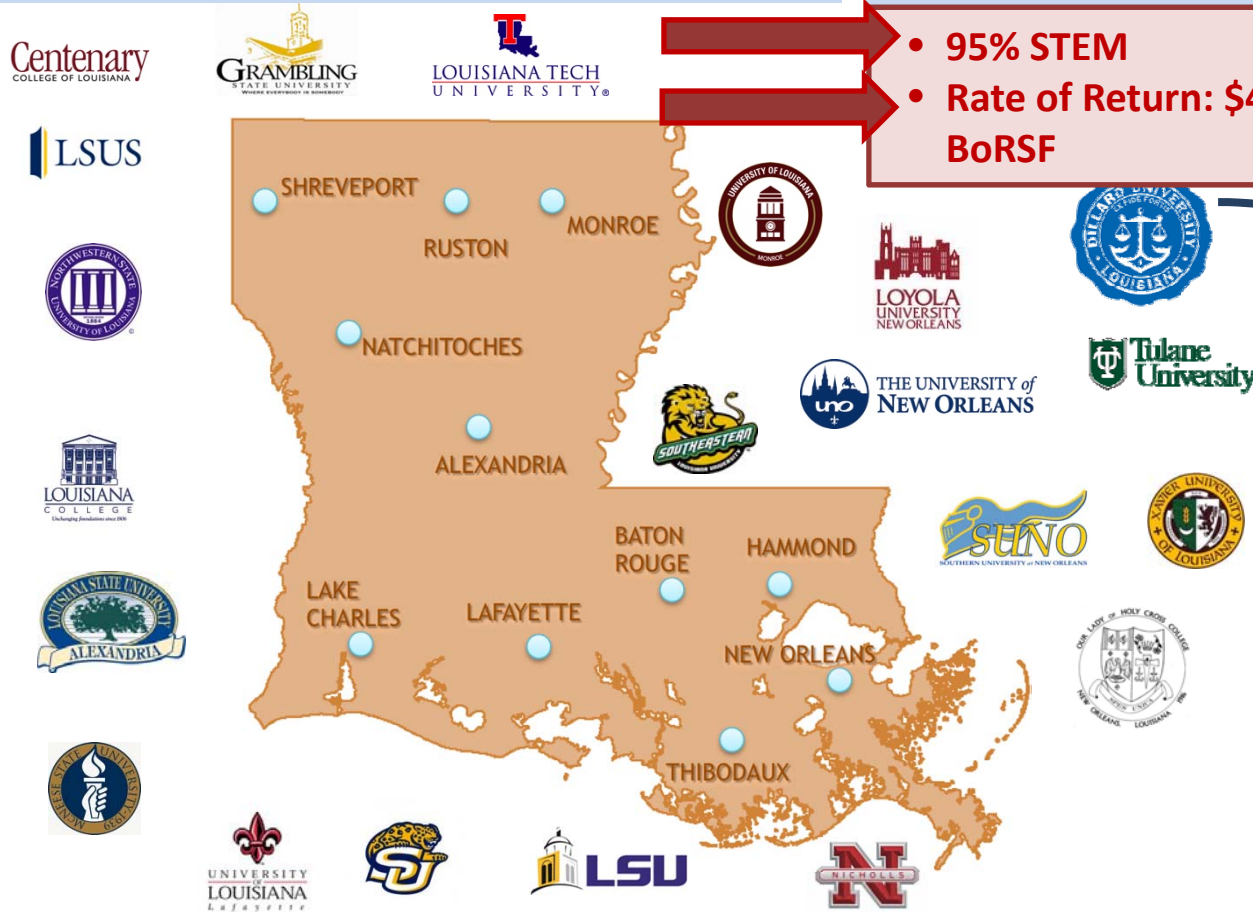
# FEDERAL MATCH: EXAMPLE III

**LOUISIANA SYSTEMIC INITIATIVES PROGRAM (LaSIP): 1991-92**  
 Kerry Davidson, Project Director

**NSF/DoEd Funds Received by LaSIP, 1991-2013**

- 12 Competitive Federal Awards
- \$64,966,755 Federal Funds
- \$14,050,000 BoRSF Match

- 95% STEM
- Rate of Return: \$4.62 in Federal Funding for \$1 BoRSF



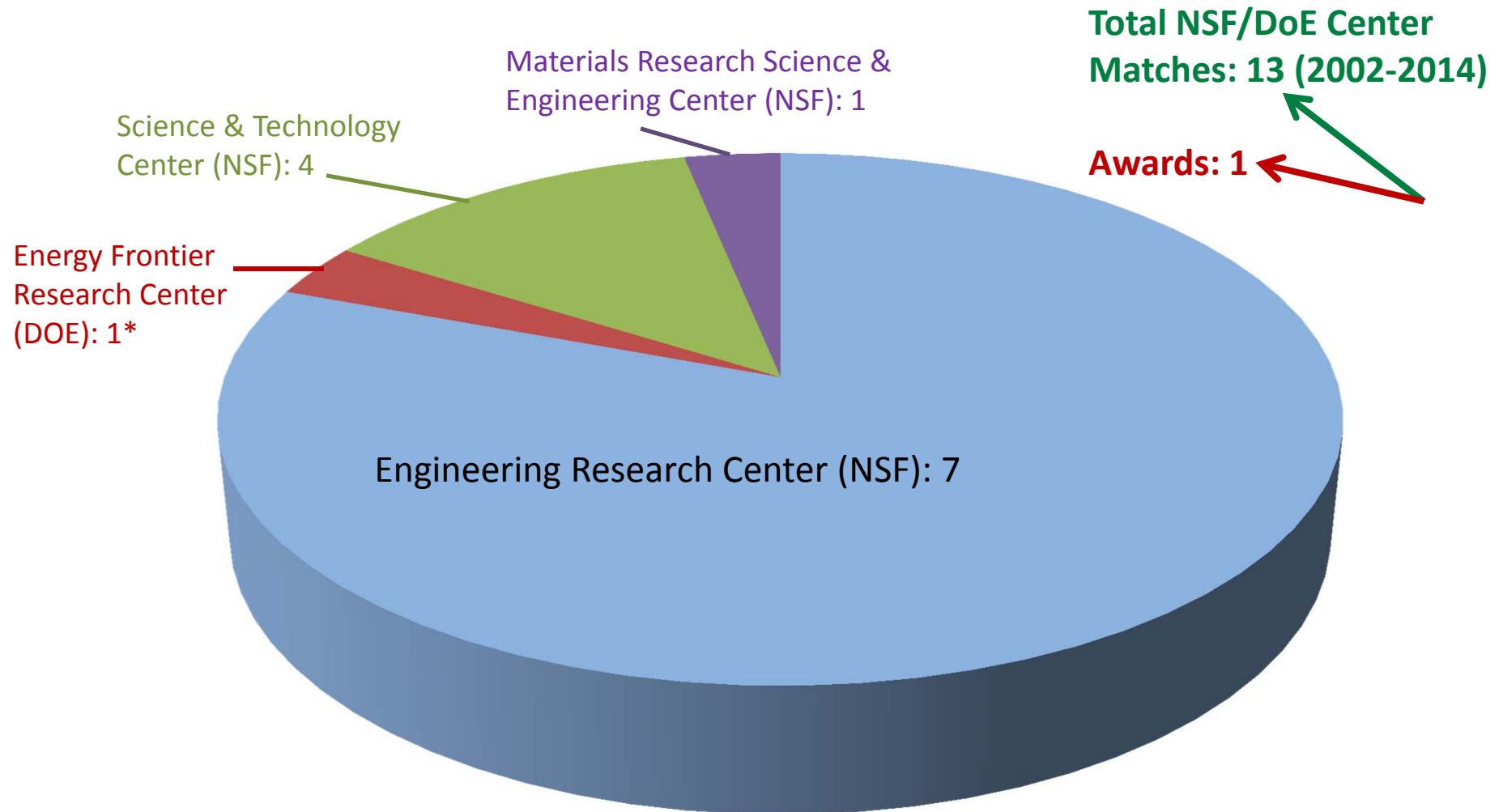
**University-Based STEM Professional Development**

**In-Service Teachers**

**All 69 School Districts**

# FEDERAL MATCH: EXAMPLE IV

## NSF/DOE RESEARCH CENTER PROPOSALS



\* Currently only ONE NSF/DoE research center in Louisiana

# DOE ENERGY FRONTIER RESEARCH CENTER: CENTER FOR ATOMIC-LEVEL CATALYST DESIGN (2009-13)

Lead Institution: LSU and A&M College  
Principal Investigator: Dr. Jerry Spivey

- **Advances Computational Catalysis and Materials Synthesis Through Six Major Research Projects**

- \$12,500,000 in Department of Energy Funds
- \$931,991 in BoRSF Match



- **Rate of Return: \$13.41 in Federal Funding for \$1 BoRSF**

## Participating Institutions:



The CAMD facility provides synchrotron capabilities to the Center

## International Partners:

-  Vienna Institute of Technology
-  University of Utrecht

# **CONTINUING CHALLENGE**

## **THE QUEST FOR FEDERAL RESEARCH/INNOVATION CENTERS**

### **Impact and Value:**

- Funding of up to \$5 million/year+ for five years or more
- Foster the marriage of basic research to innovation and technology transfer
- Exercise statewide, regional, and national leadership
- High national priority: manufacturing innovation centers

# BOARD OF REGENTS SUPPORT FUND PROGRAMS

**Green = Constitutional Programs**  
**Blue = Original Subprograms**  
**Red = Added Subprograms**



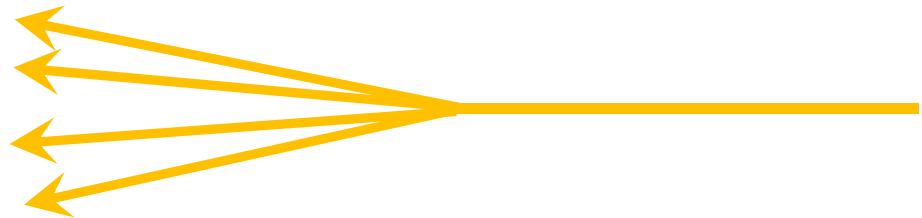
## ENDOWED CHAIRS FOR EMINENT SCHOLARS

Endowed Chairs (1986-87)



## ENHANCEMENT

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# SUBPROGRAM PROFILE

## UNDERGRADUATE ENHANCEMENT: 1992-93 TO PRESENT

Enhance faculty, departments, and programs on campuses which focus primarily on instruction

### Purpose

Enhance the infrastructure of academic, research and agricultural departments and units at primarily undergraduate campuses

- High-impact academic and research equipment, supplies, and software
- Special initiatives such as seminars, curriculum development, and student enrichment



Drilling Fluids Lab

### Structure

One- and two-year awards ranging from \$5,000 to \$500,000

### Eligibility

Campuses with two or fewer doctoral programs; the applying department may not offer a doctoral degree

### 2009-14: Funds Budgeted

\$7,355,000 total; \$1,471,000 per year average; 6% of total Support Fund budget (Rank: 7<sup>th</sup>)



Chemistry Lab

### Digital Media Lab



# UNDERGRADUATE ENHANCEMENT



LOUISIANA TECH  
UNIVERSITY®

- 25 Campuses
- 725 Awards

- **73% STEM**



Centenary  
COLLEGE OF LOUISIANA



LSUS



LSU  
LOUISIANA STATE UNIVERSITY EUNICE



OUR LADY  
OF THE LAKE  
COLLEGE



THE UNIVERSITY of  
NEW ORLEANS



N  
NUNEZ  
COMMUNITY  
COLLEGE



# SUBPROGRAM PROFILE

## TWO-YEAR ENHANCEMENT: 2001-02 TO PRESENT

Enhance faculty, departments, and programs on campuses which address workforce needs as a high priority

### Purpose



- Enhance the academic infrastructure of community and community-technical colleges in relation to workforce needs
  - State-of-the-art equipment, supplies, student support services
  - Curriculum development and other academic/workforce initiatives

### Structure

One-year awards ranging from \$5,000 to \$150,000

### Eligibility



Community and community-technical colleges and LCTCS

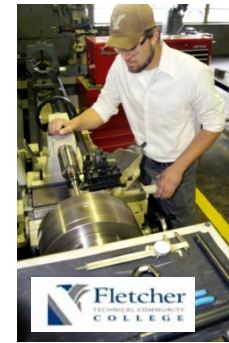
### 2009-14: Funds Budgeted



\$5,470,000 total; \$1,094,000 per year average; 4% of total Support Fund budget (Rank: 9<sup>th</sup>)



Radiologic Tech



Machining



Emergency Medical Training

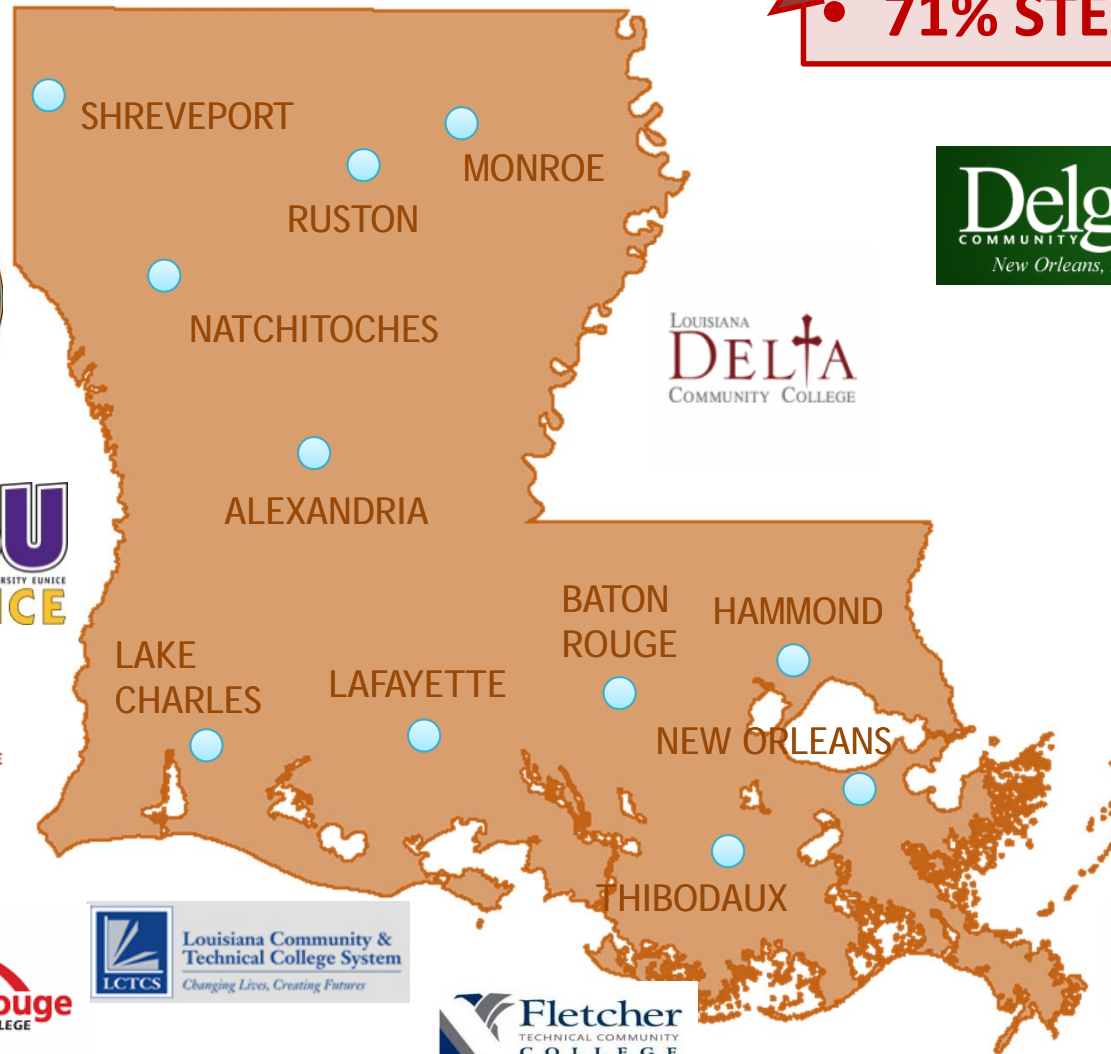


Process Technology



## TWO-YEAR ENHANCEMENT

- 12 Campuses
- 203 Awards
- **71% STEM**



# CATALYST FOR ENDOWED PROFESSORSHIPS SUBPROGRAM

ACT 647, 1989

## AUTHORIZES REGENTS TO ESTABLISH THE FACULTY INCENTIVE PROGRAM (“ADOPT-A-PROF”)

- All public and independent campuses eligible
- Private/State match to be \$60,000/\$40,000
- Lowered funding levels from Chairs (\$600,000 non-state/\$400,000 BoRSF match) to make endowments more accessible to regional campuses
- “Such monies (State) may be appropriated from the Louisiana Education Quality Support Fund” (Article 7, §10.1.(A).(4))

# SUBPROGRAM PROFILE

## ENDOWED PROFESSORSHIPS: 1991-02 TO PRESENT

### Purpose

Recruit and retain excellent faculty whose research, teaching and/or public service uniquely contribute to the mission of their departments and campuses

### Structure

40% State match to 60% non-State contribution to establish professorships at \$100,000+

### Minimum Endowment

\$100,000

### Eligibility

All campuses

### 2009-14: Funds Budgeted

\$10,120,000 total; \$2,024,000 per year average; 8% of total Support Fund budget (Rank: 6<sup>th</sup>)

Marcio de Queiro



Elyria Kemp

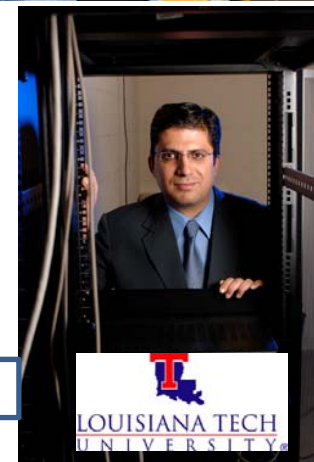


Nikhil Dhurandhar

Scott Merritt



Sumeet Dua



# SUBPROGRAM PROFILE

## ENDOWED PROFESSORSHIPS (CTD)

### Important Board Policy Revisions, 2011-13

- August 2011: Professorships created through division of Chairs must have a minimum corpus of \$250,000 for each Professorship
- March 2012: Program moratorium (backlog – 328)
- October 2012: Program reinstatement with modifications (backlog primarily campus responsibility)
- April 2013: Half of existing backlog – 164 – funded (\$6,560,000)
- September 2013: Campuses with high vacancy rates (>20%:2 years) ineligible for new matches; regular reports to donors required
- December 2013: Additional funding for the backlog during FY 2014-15 – \$1,200,000 plus any overall increases in the Support Fund budget

Toni Stephens



Dmitri Perkins

Earl Melancon



Alfreda Diamond



Patricia Dorn

# ENDOWED PROFESSORSHIPS



- 2,262 Professorships
- 39 Campuses

- 39% STEM
- Rate of Return: \$1.50 in Non-State Funding for \$1 BoRSF



# MINIMUM ENDOWED PROFESSORSHIP CORPUS\*

## Louisiana: Lowest (\$100,000) in Regional & National Comparison

Other States: \$250,000-\$2 Million Range

Red = SREB Member States

Gray = Other States

<b>Alabama: \$500,000</b>	Indiana: \$500,000	Nebraska: \$350,000	Rhode Island: Not Specified
Alaska: \$500,000	Iowa: \$500,000	Nevada: \$500,000	<b>S. Carolina: \$500,000</b>
Arizona: \$500,000	Kansas: \$1 million	New Hampshire: Not Specified	South Dakota: \$350,000
<b>Arkansas: \$250,000</b>	<b>Kentucky: \$500,000</b>	New Jersey: Not Applicable	<b>Tennessee: \$500,000</b>
California: \$500,000	<b>Louisiana: \$100,000</b>	New Mexico: \$500,000	<b>Texas: \$300,000</b>
Colorado: \$500,000	Maine: Not Specified	New York: Not Specified	Utah: \$1 million
Connecticut: \$750,000	<b>Maryland: Not Specified</b>	<b>N. Carolina: \$500,000</b>	Vermont: \$1 million
<b>Delaware: Not Specified</b>	Massachusetts: \$1 million	N. Dakota: \$250,000	<b>Virginia: \$2 million</b>
<b>Florida: \$500,000</b>	Michigan: \$500,000	Ohio: \$750,000	Washington: \$500,000
<b>Georgia: \$750,000</b>	Minnesota: \$1 million	<b>Oklahoma: \$500,000</b>	<b>West Virginia: \$500,000</b>
Hawaii: Not Specified	<b>Mississippi: \$500,000</b>	Oregon: \$500,000	Wisconsin: \$1 million
Idaho: Not Specified	Missouri: \$1 million	Pennsylvania: \$500,000	Wyoming: \$1 million
Illinois: \$500,000	Montana: \$1 million		

\* Data collected from foundations/development offices of public flagship and regional campuses

# RECOMMENDATION TO THE BOARD OF REGENTS

## ENDOWED PROFESSORSHIPS PROGRAM REVIEW PANEL

### 1999-2000

“The use of the term ‘endowed professor’ in this program is not consistent with the national norm. In most institutions, an endowed professor is supported by an endowment of \$250,000 to \$500,000, and the funds are used for additional purposes other than exclusively salary enhancements. Provisions for significant release time are almost always included. As a result, the level of recognition and support for ‘endowed professors’ is considerably higher in most other parts of the nation. If addressing this disparity is important to the Board, consideration might be given to slowing the growth in the number of awards and increasing the value of each professorship.”

# SUBPROGRAM PROFILE

## ENDOWED FIRST-GENERATION

### UNDERGRADUATE SCHOLARSHIPS: 2007-08 TO PRESENT

Endow need-based aid for first-generation undergraduate students

#### Purpose



Increase college access and success for low-income, first-generation college students; endow need-based aid for qualified students

#### Structure

40% State match to 60% non-State contribution

#### Minimum Endowments



- Four-year campuses: \$100,000 (\$60,000 non-State/\$40,000 BoRSF)
- Two-year campuses: \$50,000 (\$30,000 non-State/\$20,000 BoRSF)

#### Eligibility



All campuses with undergraduate degree programs

#### 2009-14: Funds Budgeted

\$5,000,000 total; \$1,000,000 per year average; 4% of total Support Fund budget (Rank: 10<sup>th</sup>)





# FIRST-GENERATION ENDOWED SCHOLARSHIPS

## FUNDS BUDGETED/DOLLARS UNCLAIMED

### FY 2007-08 THROUGH FY 2012-13

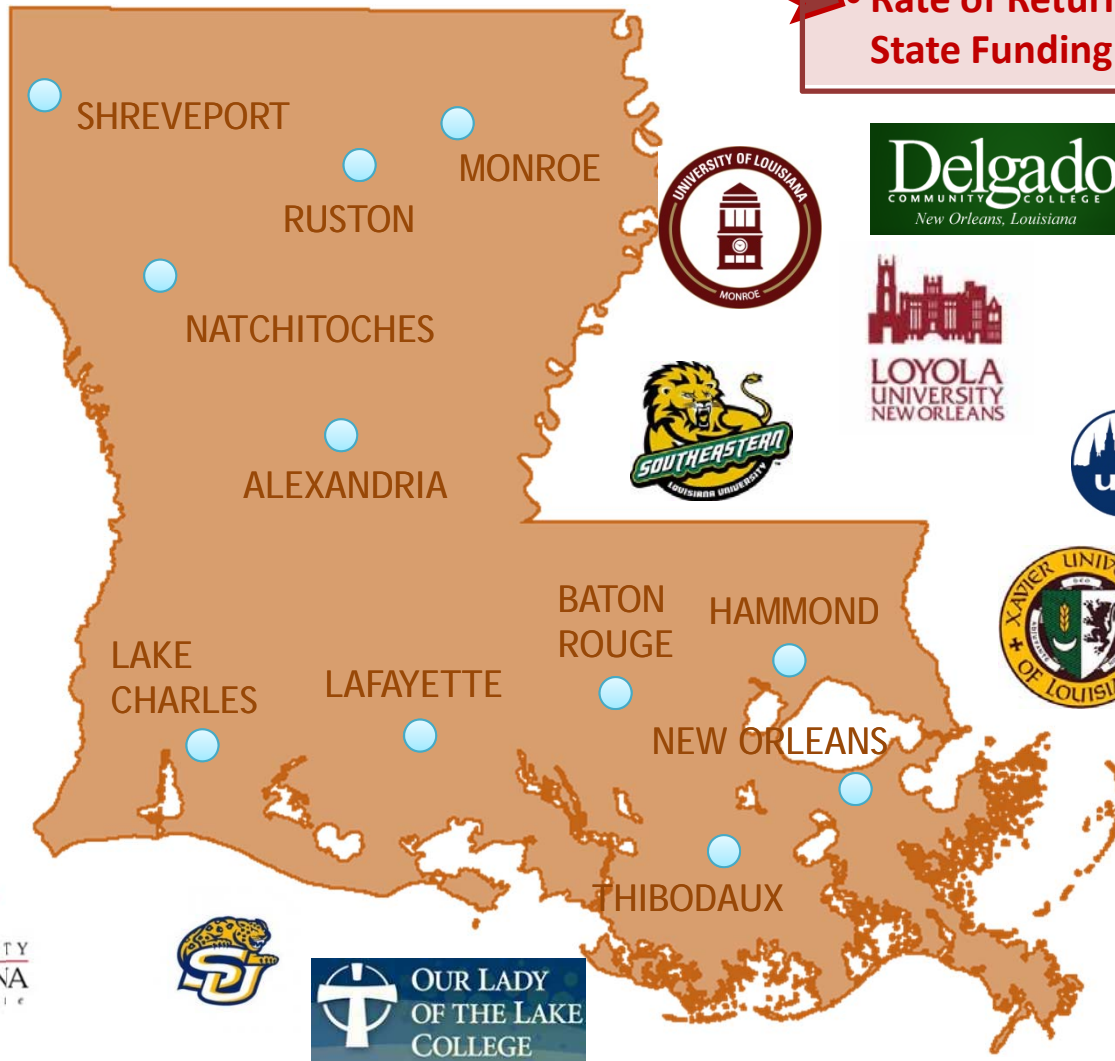
Fiscal Year	Dollars Budgeted	Dollars Unclaimed	Adjustment
<b>FY 2007-08</b>	\$1,000,000	\$620,000	\$620,000 (SF budget reduction)
<b>FY 2008-09</b>	\$1,000,000	\$440,000	\$440,000 (SF budget reduction)
<b>FY 2009-10</b>	\$1,000,000	\$660,000	\$660,000 (SF budget reduction)
<b>FY 2010-11</b>	\$1,000,000	\$520,000	\$520,000 (SF budget reduction)
<b>FY 2011-12</b>	\$1,000,000	\$260,000	\$260,000 (SF budget reduction)
<b>FY 2012-13</b>	\$1,000,000	\$380,000	\$380,000 (shifted to Professorships for backlog)

# ENDOWED SCHOLARSHIPS



- 80 Scholarships
- 18 Campuses (**Four-year: 76;**  
**Two-year: 4**)

• **Rate of Return: \$1.50 in Non-State Funding for \$1 BoRSF**



THE UNIVERSITY of  
NEW ORLEANS



# BOARD OF REGENTS SUPPORT FUND PROGRAMS

**Green = Constitutional Programs**  
**Blue = Original Subprograms**  
**Red = Added Subprograms**



## ENDOWED CHAIRS FOR EMINENT SCHOLARS

Endowed Chairs (1986-87)



## ENHANCEMENT

- a. Traditional Enhancement (1986-87)
- b. Federal Matching (1986-87)
- c. Undergraduate Enhancement (1990-91)
- d. Enhancement Program for Two-Year Institutions (2001-02)
- e. Endowed Professorships (1990-91)
- f. Endowed First-Generation Undergraduate Scholarships (2007-08)



## RESEARCH & DEVELOPMENT

- a. Research Competitiveness Subprogram (RCS) (1986-87)
- b. Industrial Ties Research Subprogram (ITRS) (1986-87)
- c. Awards to Louisiana Artists and Scholars Subprogram (ATLAS) (2004-05)



## RECRUITMENT OF SUPERIOR GRADUATE FELLOWS

- a. Traditional Graduate Fellows (1986-87)
- b. Graduate Fellowships for Teachers (1993-94)
- c. BoR/SREB Graduate Fellowships to Promote Diversity (2007-08)

# SUBPROGRAM PROFILE

## RESEARCH COMPETITIVENESS SUBPROGRAM: 1986-87 TO PRESENT

### Purpose

Increase numbers of Louisiana researchers who compete successfully at the national level

- Fund researchers with potential – at the threshold of competitiveness
- Strengthen the fundamental research base and capacity at universities



Michael Moore

### Structure

One-, two- and three-year awards ranging from \$5,000 to \$200,000



Theda Daniels-Race

### Eligibility

Primarily junior faculty/all campuses

### 2009-14: Funds Budgeted

\$16,265,000 total; \$3,253,000 per year average; 13% of total Support Fund budget (Rank: 3<sup>rd</sup>)



Teresa Murray

### Important Events/Evolutions

- Comprehensive program reviews in 2002 and 2011

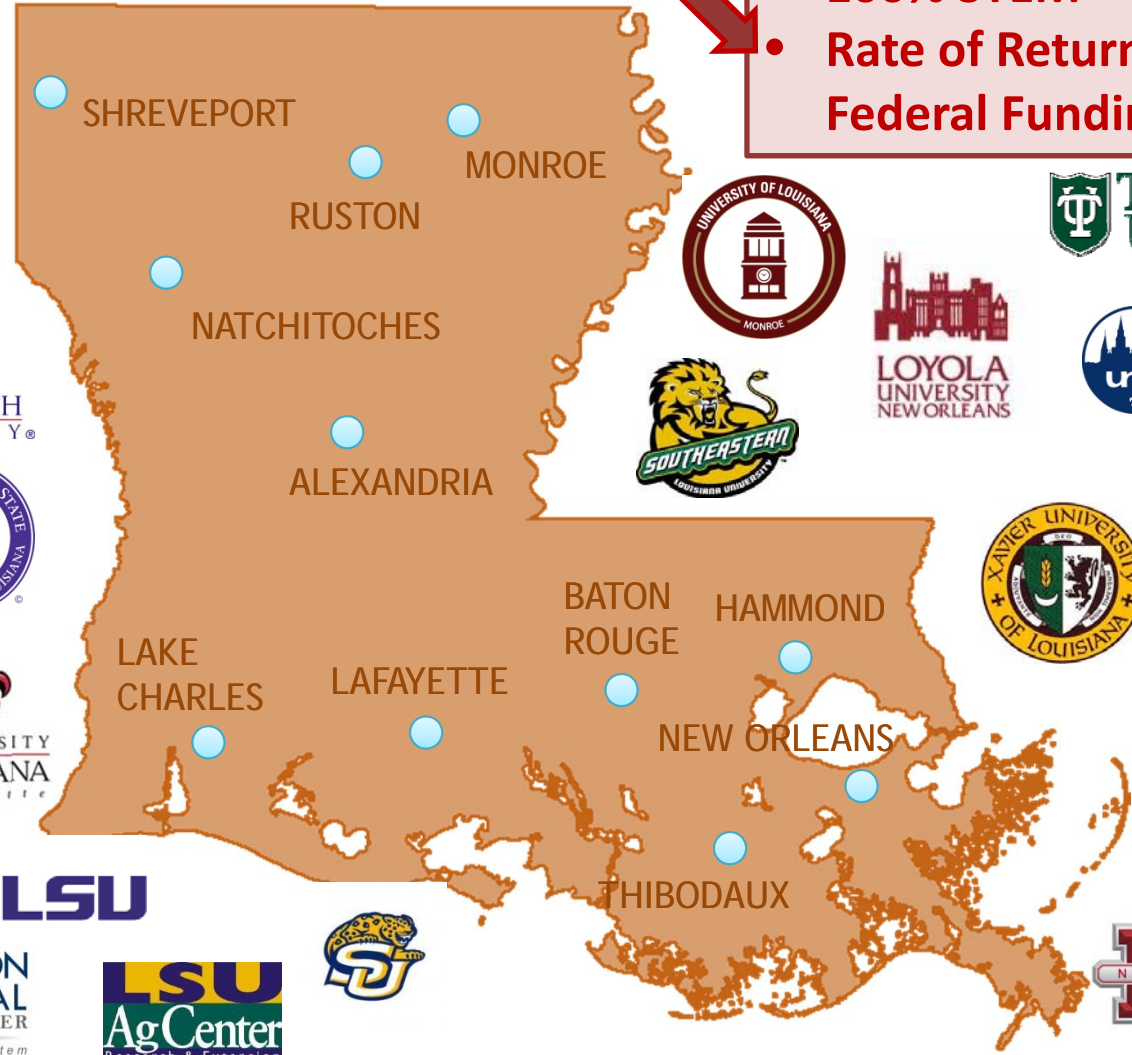
Scott Duke-Sylvester



# RESEARCH COMPETITIVENESS (RCS)



- 23 Campuses
- 958 Awards
- 100% STEM
- Rate of Return: \$9.34 in Federal Funding for \$1 BoRSF



# SUBPROGRAM PROFILE

## INDUSTRIAL TIES RESEARCH SUBPROGRAM: 1986-87 TO PRESENT

### Purpose

Promote Louisiana's economic development by supporting research which enhances business and industry

- Technology transfer and commercialization
- Student aid, summer support for faculty, supplies, and limited equipment
- Direct tie with industry required

### Structure

One-, two- and three-year awards ranging from \$5,000 to \$350,000

### Eligibility

All campuses

### 2009-14: Funds Budgeted

\$6,830,000 total; \$1,366,000 per year average; 5% of total Support Fund budget (Rank: 8<sup>th</sup>)

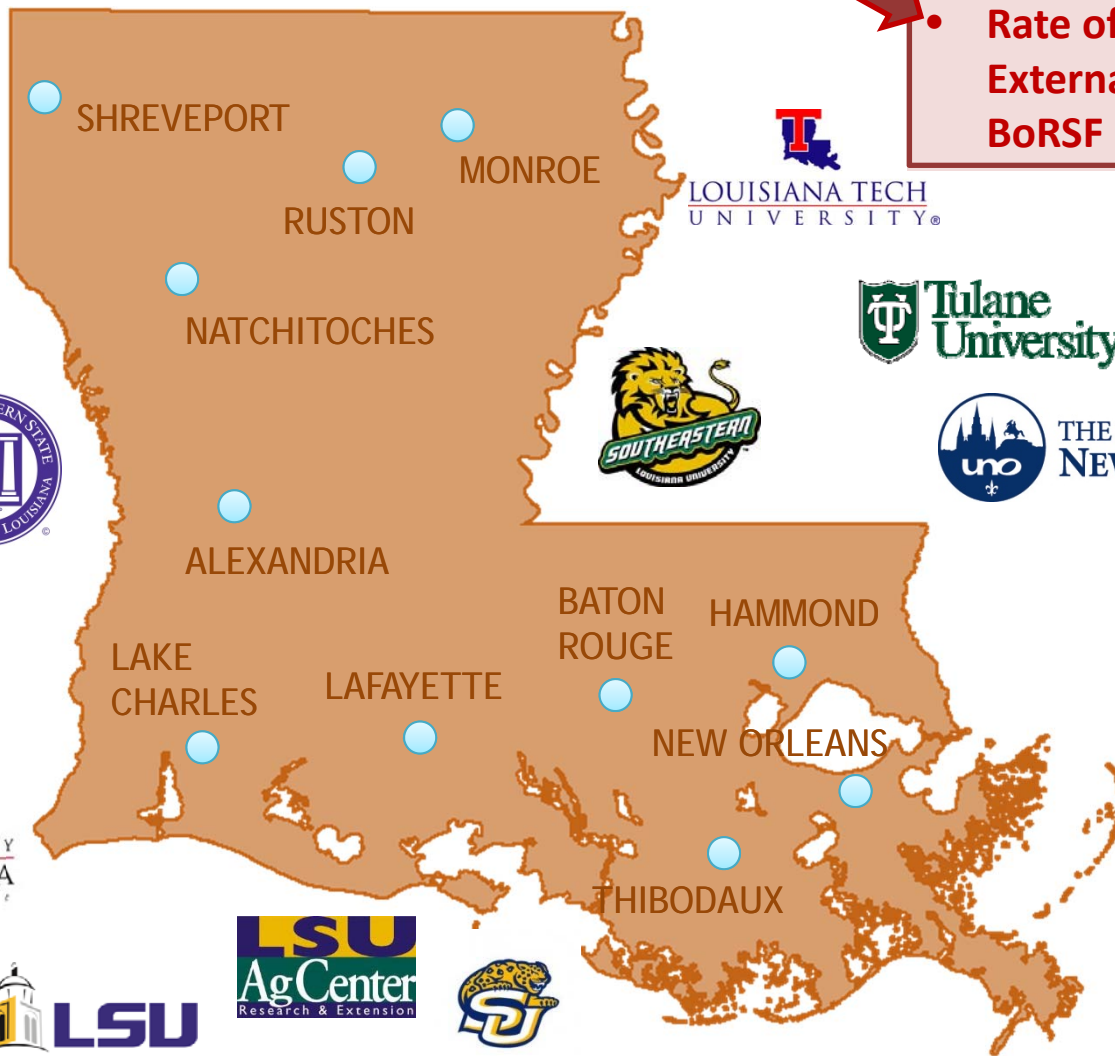
### Important Events/Evolutions

Comprehensive program reviews in 2002 and 2011



# INDUSTRIAL TIES RESEARCH (ITRS)

- 17 Campuses
- 343 Awards
- 96% STEM
- Rate of Return: \$11.50 in External Funding for \$1 BoRSF



# SUBPROGRAM PROFILE

## AWARDS TO LOUISIANA ARTISTS AND SCHOLARS SUBPROGRAM: 2004-05 TO PRESENT

Provide unique funding opportunity for faculty in arts, social sciences, and humanities

### Purpose

- Foster completion of major scholarly and artistic works
  - Concentrated time for research, writing and artistic production
  - Student support, supplies, and limited equipment

### Structure

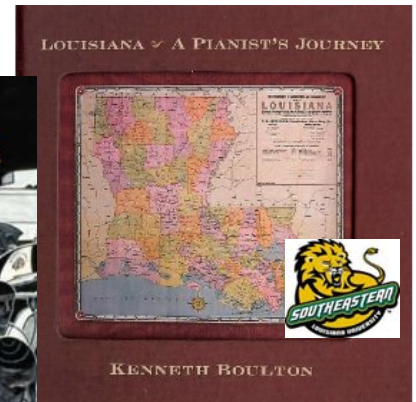
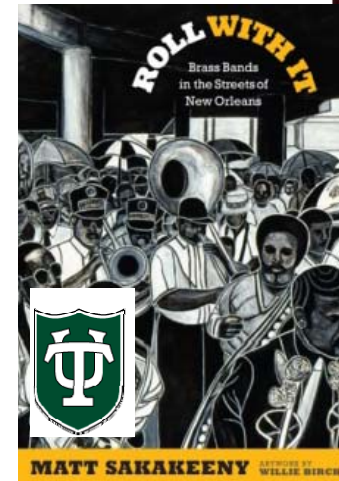
One-year awards ranging from \$5,000 to \$50,000

### Eligibility

All campuses

### 2009-14: Funds Budgeted

\$2,135,000 total; \$427,000 per year average; 2% of total Support Fund budget (Rank: 12<sup>th</sup>)



*Louisiana Genius: How a Bunch of Cajun and German Farmers and Fabricators Invented a Traditional Amphibious Boat*



# AWARDS TO LOUISIANA ARTISTS & SCHOLARS (ATLAS)

- 10 Campuses
- 114 Awards



*A Spatial and Temporal Analysis of the Impact of Hurricanes on Crime*



*The Last Lost Cause: Public Education in Louisiana*



*Owning the Streets: Blackness, Performance and Public Space in New Orleans*

# BOARD OF REGENTS SUPPORT FUND PROGRAMS



## ENDOWED CHAIRS FOR EMINENT SCHOLARS

Endowed Chairs (1986-87)



## ENHANCEMENT

- a. Traditional Enhancement (1986-87)
- b. Federal Matching (1986-87)
- c. Undergraduate Enhancement (1990-91)
- d. Enhancement Program for Two-Year Institutions (2001-02)
- e. Endowed Professorships (1990-91)
- f. Endowed First-Generation Undergraduate Scholarships (2007-08)



## RESEARCH & DEVELOPMENT

- a. Research Competitiveness Subprogram (RCS) (1986-87)
- b. Industrial Ties Research Subprogram (ITRS) (1986-87)
- c. Awards to Louisiana Artists and Scholars Subprogram (ATLAS) (2004-05)



## RECRUITMENT OF SUPERIOR GRADUATE FELLOWS

- a. Traditional Graduate Fellows (1986-87)
- b. Graduate Fellowships for Teachers (1993-94)
- c. BoR/SREB Graduate Fellowships to Promote Diversity (2007-08)

Green = Constitutional Programs

Blue = Original Subprograms

Red = Added Subprograms



# SUBPROGRAM PROFILE

## TRADITIONAL GRADUATE FELLOWS: 1986-87 TO PRESENT

### Purpose

Sustain and improve the quality of graduate education: recruit superior students to pursue doctoral and master's degrees at Louisiana universities

### Structure

One- to four-year fellowships ranging from \$10,000 to \$30,000 per year

### Eligibility

All campuses with master's and doctoral programs

### 2009-14: Funds Budgeted

\$15,017,500 total; \$3,003,500 per year average; 12% of total Support Fund budget (Rank: 5<sup>th</sup>)

### Important Events/Evolutions

Comprehensive program review in 2001



Edward Sander, PhD  
Asst. Professor,  
University of Iowa



Rosella Ewing, PhD  
Asst. Professor, U. of  
Arkansas – Little Rock



O. Thomas Lorenz, PhD  
Asst. Professor, Georgia  
Southwestern State U.

# TRADITIONAL GRADUATE FELLOWS

- 14 Campuses
- 602 Grants
- 1,297 Doctoral & Master's Fellowships

• **92% STEM**



# SUBPROGRAM PROFILE

## GRADUATE FELLOWSHIPS FOR TEACHERS: 1992-93 TO PRESENT

Create Opportunity for K-12 Teachers to Attain  
STEM Master's Degrees

**Purpose**

- Improve the quality of K-12 STEM teaching and learning
  - Enhance content knowledge and skills
  - Enable in-service teachers to attain STEM master's degrees within a limited period

**Structure**

One-year fellowships ranging from \$10,000 to \$27,000 per year

**Eligibility**

All campuses with science and mathematics master's programs

**2009-14: Funds Budgeted**

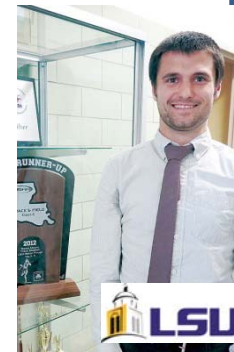
\$415,000 total; \$83,000 per year average; .3% of total Support Fund budget (Rank: 13<sup>th</sup>)

**Important Events/Evolutions**

→ Comprehensive program review in 2001 →



Shelley O'Dowd, MS  
Teacher, Baton Rouge



Nick Accardo, MS  
Teacher, New Orleans

# GRADUATE FELLOWSHIPS FOR TEACHERS

## PROPOSALS SUBMITTED & FUNDED

### FY 2000-01 THROUGH FY 2012-13

Fiscal Year	Submitted*	Funded
2000-01	3	3
2001-02	2	1
2002-03	2	1
2003-04	2	1
2004-05	3	2
2005-06	1	1
2006-07	1	1
2007-08	2	2
2008-09	2	2
2009-10	3	3
2010-11	2	2
2011-12	1	0
2012-13	1	1

\* Only three (3) campuses submitted proposals during 2000-01 through 2012-13

# GRADUATE FELLOWSHIPS FOR TEACHERS

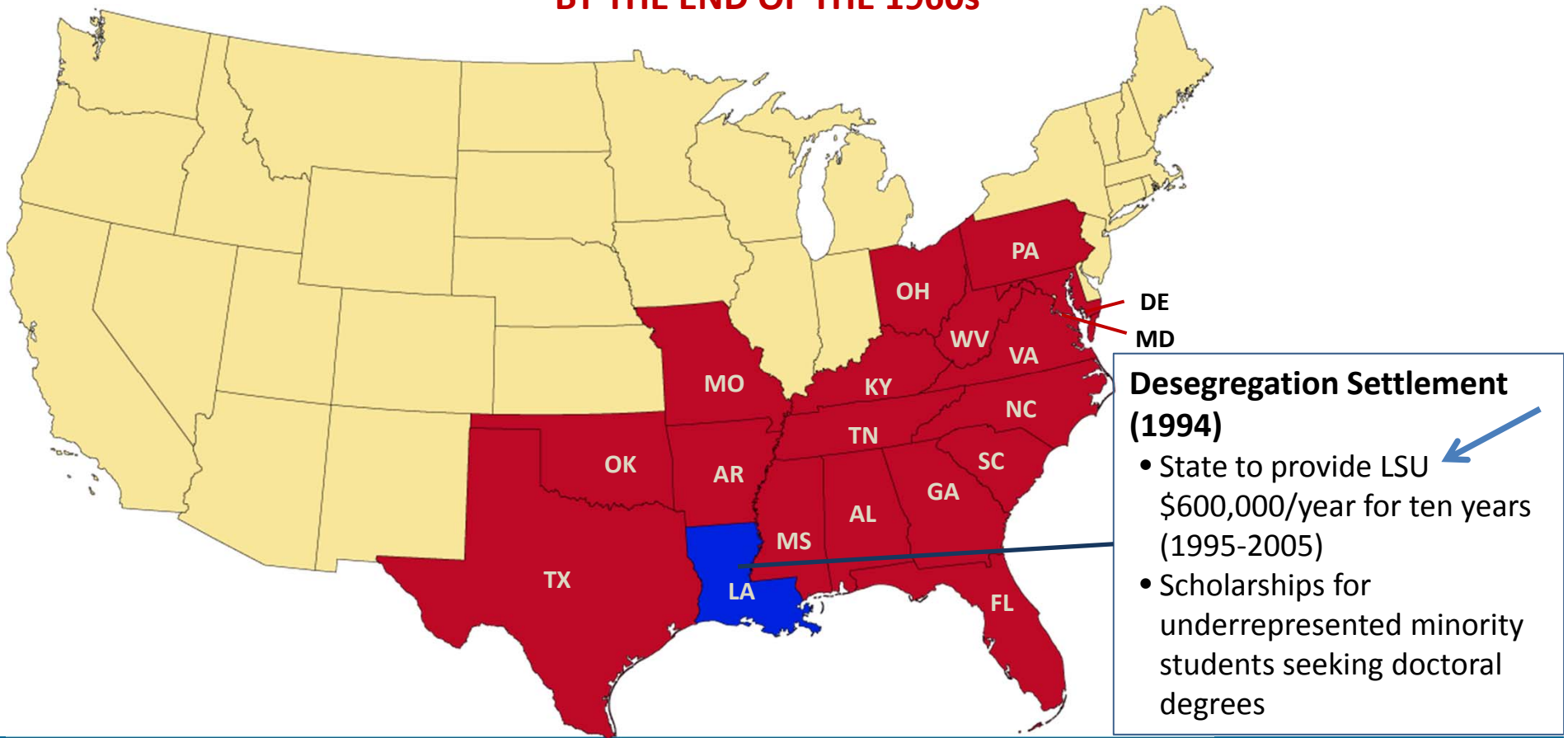
- 8 Campuses
- 43 Grants
- 151 Master's Fellowships
- **100% STEM**



# BACKGROUND

## BoR/SREB GRADUATE FELLOWSHIPS TO PROMOTE FACULTY DIVERSITY

### STATES OPERATING DUAL SYSTEMS OF HIGHER EDUCATION BY THE END OF THE 1960s





# SUBPROGRAM PROFILE

## BOR/SREB GRADUATE FELLOWSHIPS: 2007-08 TO PRESENT

**Purpose**

Increase faculty diversity by recruiting minority Ph.D. students into doctoral programs in Louisiana

**Structure**

Four-year fellowships of \$25,000 per year

**SREB**

SREB-wide mentoring program

**Eligibility**

All campuses with Ph.D. programs (emphasis on STEM)

**2009-14: Funds Budgeted**

\$4,360,000 total; \$872,000 per year average; 4% of total Support Fund budget (Rank: 11<sup>th</sup>)



**LeBrian Patrick, PhD**  
Asst. Professor, Clayton State University



**T. Elon Dancy II, PhD**  
Asso. Professor, University of Oklahoma



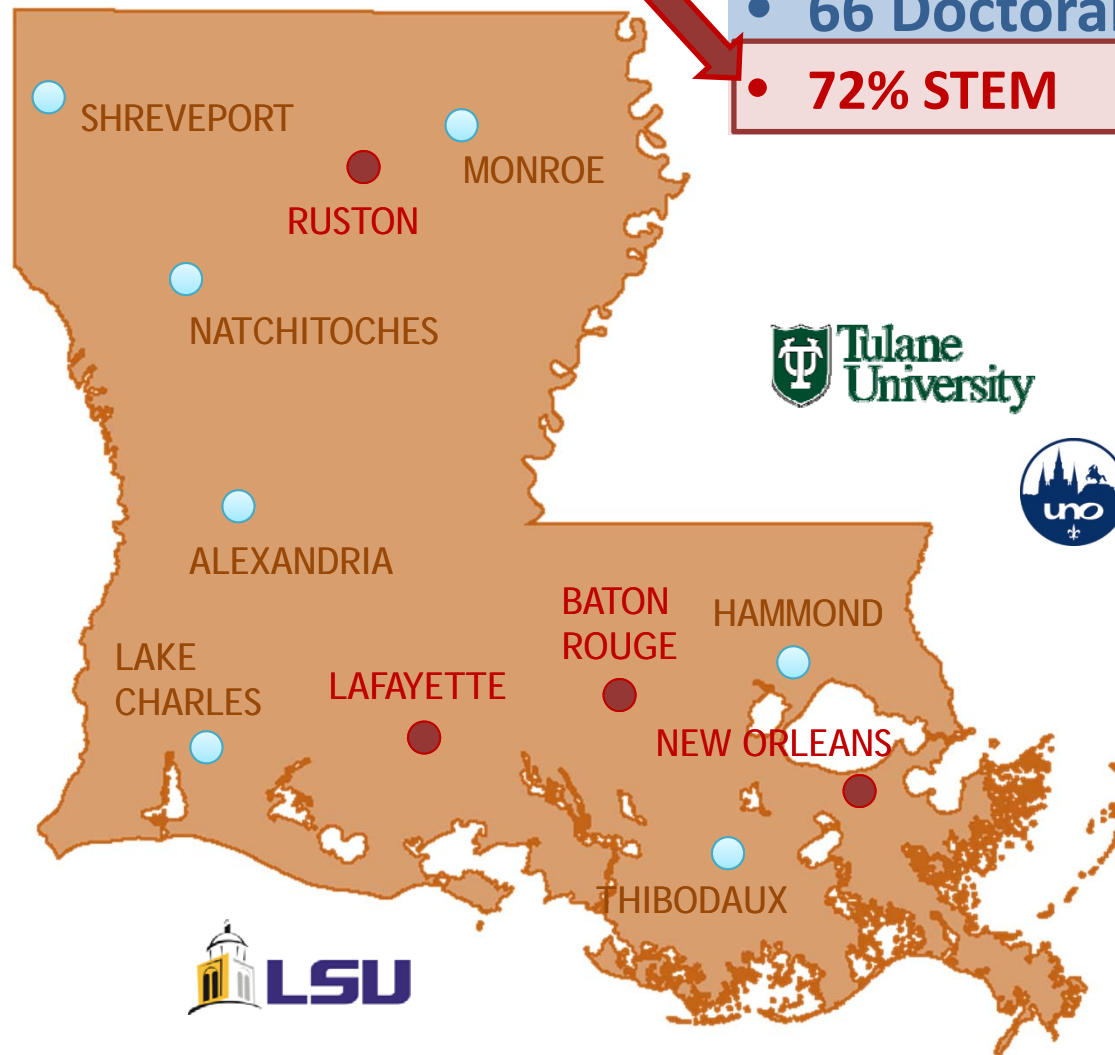
**Brandon Haynes, PhD**  
GIS Analyst & Planner  
TrecGIS, New Orleans

**Ashley Carroll, PhD**  
Fellow, University of Arkansas  
Practicing Psychologist



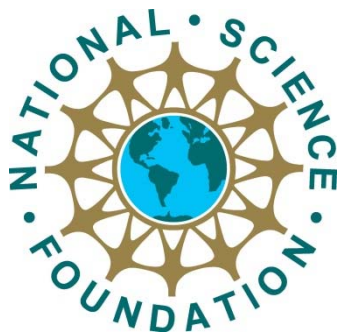
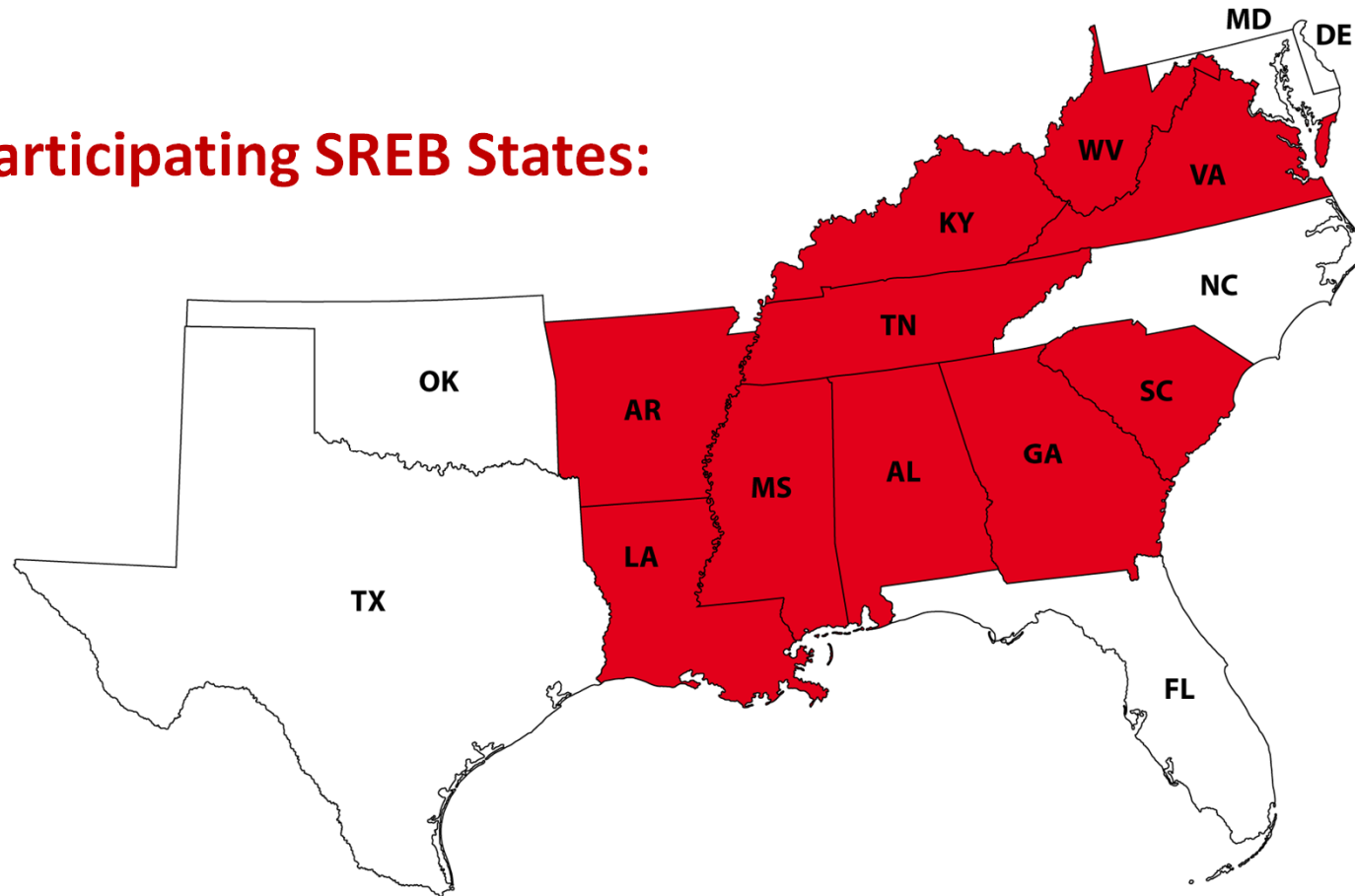
## BoR/SREB GRADUATE FELLOWSHIPS

- 5 Campuses
- 21 Grants
- 66 Doctoral Fellowships
- **72% STEM**



# SREB DOCTORAL SCHOLARS PROGRAM PARTICIPATION STATE AND FEDERAL

Currently Participating SREB States:



Alliance for Graduate Education Program (AGEP)

# BOARD OF REGENTS SUPPORT FUND PROGRAMS

**Green = Constitutional Programs**

**Blue = Original Subprograms**

**Red = Added Subprograms**



## ENDOWED CHAIRS FOR EMINENT SCHOLARS

Endowed Chairs (1986-87)



## ENHANCEMENT

- a. Traditional Enhancement (1986-87)
- b. Federal Matching (1986-87)
- c. Undergraduate Enhancement (1990-91)
- d. Enhancement Program for Two-Year Institutions (2001-02)
- e. Endowed Professorships (1990-91)
- f. Endowed First-Generation Undergraduate Scholarships (2007-08)



## RESEARCH & DEVELOPMENT

- a. Research Competitiveness Subprogram (RCS) (1986-87)
- b. Industrial Ties Research Subprogram (ITRS) (1986-87)
- c. Awards to Louisiana Artists and Scholars Subprogram (ATLAS) (2004-05)



## RECRUITMENT OF SUPERIOR GRADUATE FELLOWS

- a. Traditional Graduate Fellows (1986-87)
- b. Graduate Fellowships for Teachers (1993-94)
- c. BoR/SREB Graduate Fellowships to Promote Diversity (2007-08)

# BOARD OF REGENTS SUPPORT FUND PROGRAMS

## FIVE-YEAR SUMMARY OF ALLOCATIONS

PROGRAMS	FIVE-YEAR FUNDING	ANNUAL AVERAGE	PERCENT OF TOTAL
<b>ENDOWED CHAIRS</b>	<b>\$15,200,000</b>	<b>\$3,040,000</b>	<b>12%</b>
<b>TOTAL ENHANCEMENT</b>	<b>\$64,509,462</b>	<b>\$12,901,892</b>	<b>52%</b>
Traditional Enhancement	\$17,339,462	\$3,467,892	14%
Federal Matching	\$19,225,000	\$3,845,000	15%
Undergraduate Enhancement	\$7,355,000	\$1,471,000	6%
Two-Year Enhancement	\$5,470,000	\$1,094,000	5%
Endowed Professorships	\$10,120,000	\$2,024,000	8%
Endowed Scholarships	\$5,000,000	\$1,000,000	4%
<b>TOTAL R&amp;D</b>	<b>\$25,230,000</b>	<b>\$5,046,000</b>	<b>20%</b>
RCS	\$16,265,000	\$3,253,000	13%
ITRS	\$6,830,000	\$1,366,000	5%
ATLAS	\$2,135,000	\$427,000	2%
<b>TOTAL GRADUATE FELLOWS</b>	<b>\$19,792,500</b>	<b>\$3,958,500</b>	<b>16%</b>
Traditional GF	\$15,017,500	\$3,003,500	12%
GFT	\$415,000	\$83,000	.3%
SREB	\$4,360,000	\$872,000	4%

## BOARD OF REGENTS SUPPORT FUND PROGRAMS

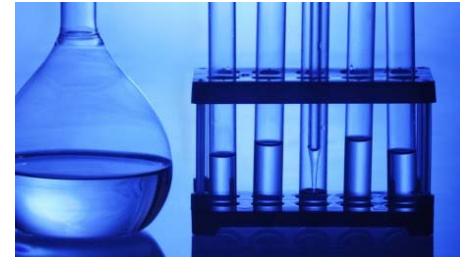
### FIVE-YEAR PROPOSAL SUCCESS RATES: COMPETITIVE SUBPROGRAMS

PROGRAMS	PROPOSALS FUNDED/ PROPOSALS SUBMITTED	SUCCESS RATE
Endowed Chairs	29/73	40%
Traditional Enhancement	239/752	32%
Undergraduate Enhancement	140/232	60%
Two-Year Enhancement	79/163	48%
RCS	119/710	17%
ITRS	34/173	20%
ATLAS	48/235	20%
Traditional GF	68/152	45%
GFT	8/9	89%
SREB	17/26	65%

# SPECIAL OPPORTUNITY INVESTMENTS



**Louisiana Academic Library  
Information Network  
Consortium (LALINC)**



**Post-Katrina Support  
Fund STEM Initiative  
(P-KSFI)**



**Louisiana Optical Network Initiative (LONI)**

# LOUISIANA ACADEMIC LIBRARY INFORMATION NETWORK CONSORTIUM (LALINC)

- \$1,095,285 (FY 1991-92)
- Grew into the Louisiana Library Network (LOUIS)

## 4-Year Public Academic Libraries

Grambling State University  
LSU-Baton Rouge  
LSU-Alexandria  
LSU-Shreveport  
Louisiana Tech  
McNeese  
Nicholls  
Northwestern  
Southeastern  
SUBR  
SUNO  
ULL  
ULM  
UNO

## Special Libraries

LSU Center for Energy Studies  
LSU Law Center  
LSUHSC-New Orleans  
LSHHSC-Shreveport  
LSU School of Vet Medicine  
Tulane Law School

## 2-Year Public Academic Libraries

Baton Rouge CC  
Bossier Parish CC  
Delgado CC  
LA Delta CC  
LE Fletcher Technical CC  
LSU-Eunice  
Nunez CC  
River Parishes CC  
South Louisiana CC  
SU-Shreveport  
Sowela Technical CC

## 4-Year Private Academic Libraries

Centenary  
Dillard  
Louisiana College  
Loyola  
NO Baptist Theological Seminary  
OLHC College  
OLOL College  
St. Joseph Abbey Seminary College  
Tulane  
Xavier

## Museums

Historic New Orleans Collection  
Louisiana State Museum





# LOUISIANA OPTICAL NETWORK INITIATIVE

- • \$3.5 Million (2005-06) at Inception
- • Additional \$7 Million Awarded Competitively (2006-07)

- \$34 Million in Non-State Grants
- EPSCoR Partner: \$20 Million La-SIGMA Program

• **100% STEM**



# POST-KATRINA SUPPORT FUND STEM INITIATIVE: (2006-12)

- ❖ Biological Sciences, Information Technology, & Materials Science
- ❖ \$25 million over 5 years

• 100% STEM

Vaccine Development  
 LSUHSC-NO, TUHSC & Xavier  
 \$5,500,000



Leveraging Industrial and Human Resources  
 \$425,000



IT Enhancements for High School Curricula  
 \$406,075



COMPETITIVELY FUNDED

Advanced Materials & Nanotechnology  
 UNO, Children's Hospital, TU, LSUHSC-NO, LA Tech, LSU-BR & Communities in Schools  
 \$5,000,000



Secure Cyberspace  
 LA Tech & LSU-BR  
 \$3,600,000



STEM Mentoring  
 \$163,010



Biological & Material Sciences  
 \$625,000



LONI Institute  
 LSU-BR, LA Tech, SUBR, TU, ULL & UNO  
 \$7,000,000



Biological Sciences  
 \$500,000




Employment Development  
 \$985,000



Biosciences Workforce  
 \$1,047,125




# BORSF EVALUATION



➤ **Project Evaluation**

- Contracts
- Interim project and fiscal reporting
- Final project and fiscal reporting
- Regular staff oversight



➤ **Comprehensive Program Evaluation**

- Single Program
- Statewide, Multi-Year, Performance Data
- External Consultants
  - Interview Key Campus Personnel
  - Report and Recommendations to the Regents

➤ **Challenge: Increasing Programmatic and Financial Auditing**

# BoRSF SELECTIVE HIGHLIGHTS, 1986-2013

**265**

**\$1M Chairs**

**47**

**\$2M Chairs**

**1**

**\$3M Chair**

Endowed at 26 campuses

**2,262**

**Endowed Professorships**

at 39 campuses

**3,060**

**External Awards**

From Federal, private, and other non-Support Fund sources

**206**

**Patents Issued**

**195**

**Patent Applications  
Pending**



# BoRSF SELECTIVE HIGHLIGHTS, 1986-2013

## PERCENTAGE OF AWARDS IN STEM

### ENDOWMENTS

Endowed Chairs:	62%
Endowed Professorships:	39%



**ACROSS BoRSF  
PROGRAMS:  
91%**

### ENHANCEMENT

Traditional Enhancement:	74%
LA EPSCoR:	100%
NIH IDEA:	100%
LaSIP:	95%
LSU EFRC:	100%
Undergraduate Enhancement:	73%
Two-Year Enhancement:	71%
P-KSFI	100%

### RESEARCH & DEVELOPMENT

Research Competitiveness:	100%
Industrial Ties:	96%

### GRADUATE FELLOWS

Traditional Graduate Fellows:	92%
Graduate Fellowships for Teachers:	100%
BoR/SREB Graduate Fellowships:	72%



# BoRSF SELECTIVE HIGHLIGHTS, 1986-2013

## DOLLAR RETURNS ON INVESTMENT

### ENDOWMENTS

Endowed Chairs:	\$ 1.50
Endowed Professorships:	\$ 1.50
Endowed Scholarships:	\$ 1.50

### FEDERAL MATCHING

LA EPSCoR:	\$ 4.34
NIH IDEA:	\$13.39
LaSIP:	\$ 4.62
LSU EFRC:	\$13.41

### RESEARCH & DEVELOPMENT

Research Competitiveness:	\$ 9.34
Industrial Ties:	\$11.50



Graphics may be accessed on the  
BoR Sponsored Programs website:

<https://web.laregents.org/>



**14 FY 2013-14 Consultants' Funding Reports**  
Available April 1, 2014 on the BoR Sponsored Programs Website  
([https://web.laregents.org](https://web.laregents.org/))