

Centers and Institutes at UNC-Chapel Hill



Photo by Sam Kittner

Barbara Entwisle
Vice Chancellor for Research
September 24, 2014



UNC
RESEARCH

Centers and Institutes

Overview

- What are they?
- Why do we have them?
- How do we manage them?
- What do they contribute?



Centers and Institutes

Definition

Special-purpose campus units that:

- **Connect** departments, disciplines, institutions
- Drive **collaboration** and **problem-solving**
- Enhance the University mission: **instruction, research and service**
- Provide specialized **infrastructure, resources and support**



UNC
RESEARCH

Centers and Institutes

Differences from Departments

- Usually **interdisciplinary**
- Pull together faculty and students from **multiple fields**
- Drive collision of **different ideas and perspectives**
- **Easily created; easily disbanded**
- Many seek applied **solutions** to tough, **real world problems**
- Some organize **rapidly growing bodies of knowledge**
- Some provide a home for **specialized academic topics**
- Often essential for **large federal grant programs**



UNC
RESEARCH

Centers and Institutes Numbers

- Within **UNC System** there are **237** centers, spread over 16 universities
 - **UNC-Chapel Hill** has **80**
 - **NC State** has **48**
 - Non-research universities typically have less than 10
- Among **top 25** US research universities, **UNC-Chapel Hill** ranks **17th** in number of centers.
 - **Duke** ranks **16th**
 - **Wisconsin** ranks **1st** with **over 200**



UNC
RESEARCH

Centers and Institutes

Governed by Policies and Process

- **UNC-GA Policy Manual 400.5[R] and UNC-Chapel Hill “Policies and Procedures Governing Centers and Institutes”**
 - **Govern planning, establishment, review and disestablishment** of all centers at Carolina and across UNC System
 - **Approval required** from the top to plan or to establish a center
 - **Require regular reviews** for mission consistency; relevance; non-duplication; success achieving objectives; fiscal soundness; solid leadership
 - Reviews lead to **continuation, modification or termination**
 - At Carolina, centers are governed by **formal review committee** appointed by Provost



UNC
RESEARCH

Centers and Institutes

Termination of Centers

- **Reasons for termination**
 - Lack of resources
 - Completion of purpose
 - Failure to achieve purpose
 - Discontinuation of funding
 - Unnecessary duplication
 - Lack of congruency with mission
- **Since 2009, UNC-Chapel Hill has terminated 15 centers**



Centers and Institutes

Importance of State Funding

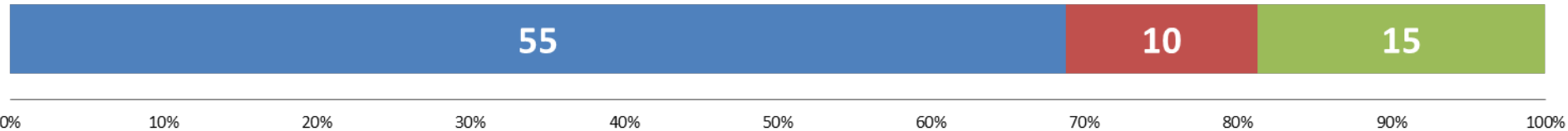
- Supports matching funds and cost-sharing requirements
 - At UNC-Chapel Hill, **25** centers use state funding or support for matches and cost shares
- Provides funds and resources required to pursue new grant opportunities



Centers and Institutes Value and Contribution

86% of centers at UNC-Chapel Hill are **degree-related**

69% of centers at UNC-Chapel Hill are primarily
engaged in research



■ Research

Renaissance Computing Institute (RENCI)
Lineberger Cancer Center
Carolina Population Center

■ Instruction

Friday Center for Continuing Education
Odom Institute
Center for European Studies (Title VI)

■ Service

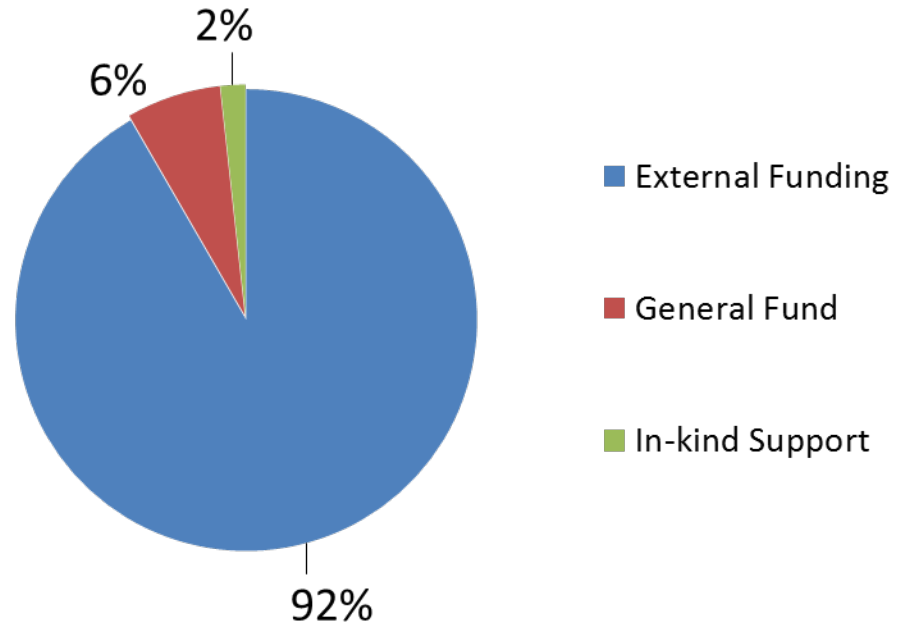
Carolina Center for Public Service
Jordan Institute for Families
Morehead Planetarium



Centers and Institutes Value and Contribution

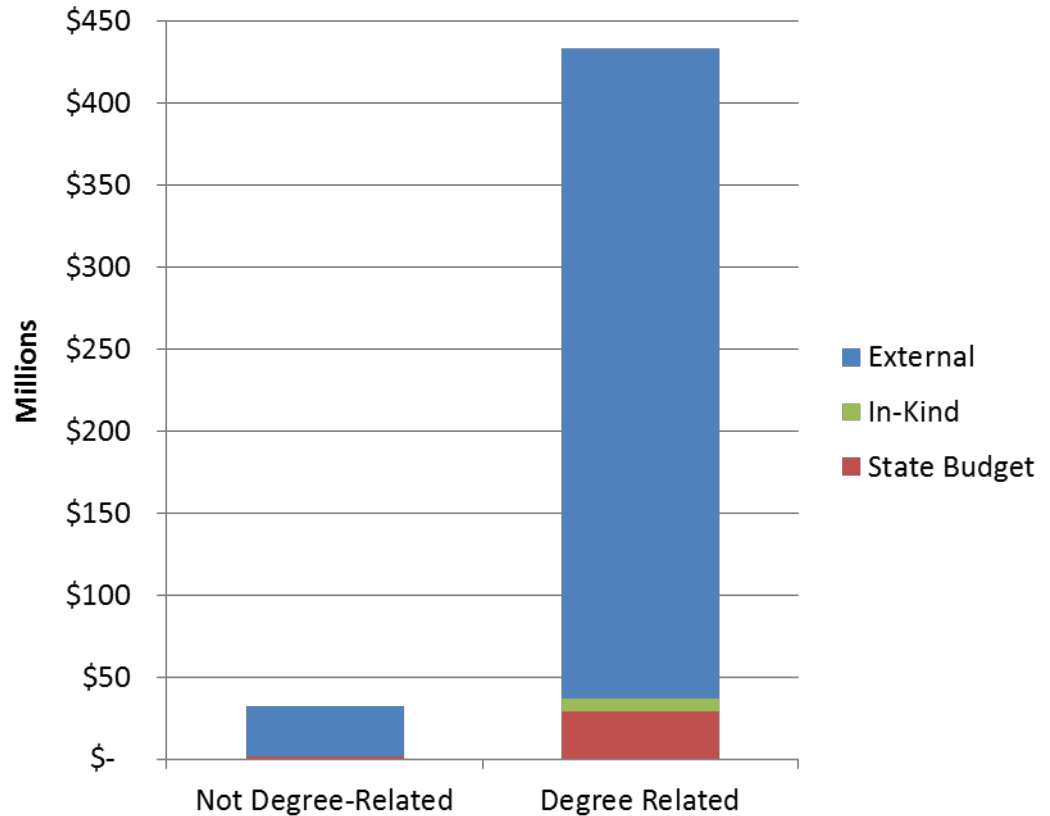
Centers and institutes are funded through:

- State General Funds
- External Funds
- In-kind Support



Centers and Institutes Value and Contribution

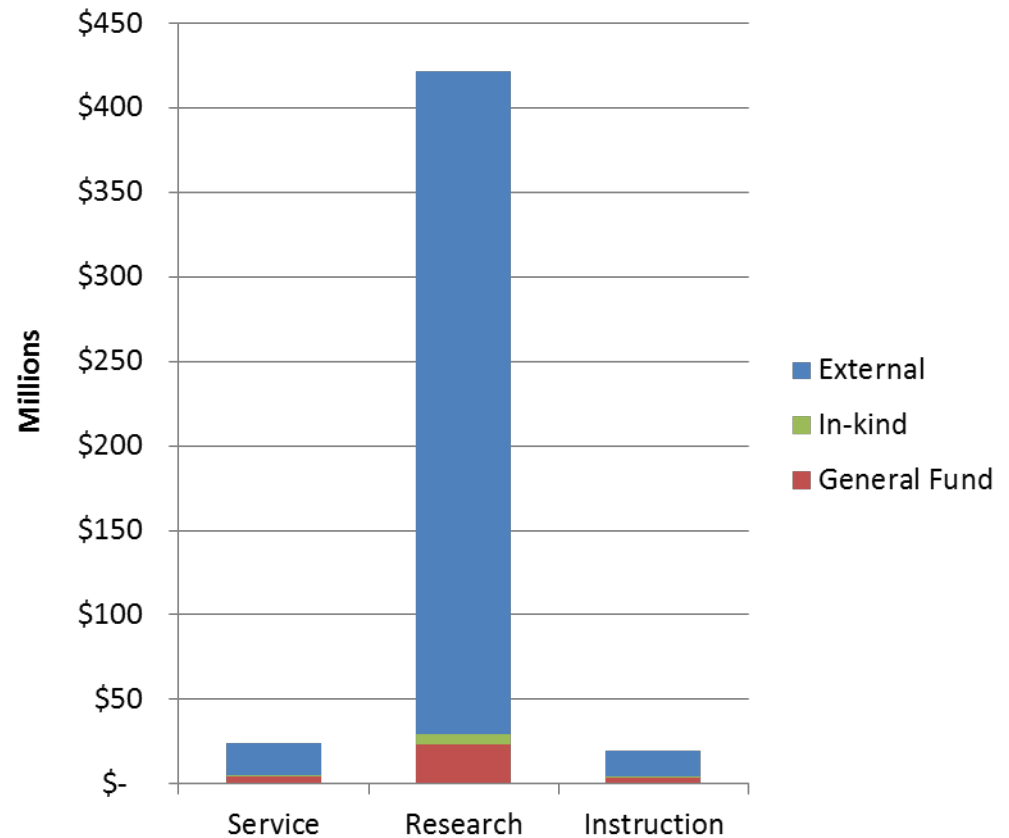
State support is concentrated on degree-related centers that support the University's education mission.



Centers and Institutes Value and Contribution

Centers and institutes attract large amounts of external non-state funds.

State General Funds	\$30.7M
In-kind Support	\$8.0M
External Funds	\$426.4M



Centers and Institutes Value and Contribution

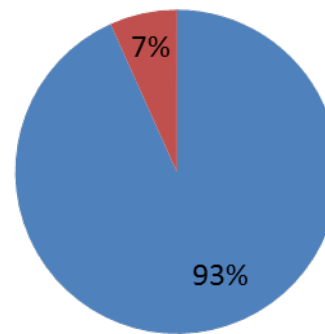
State dollars are invested wisely in centers and institutes to provide strong return on investment.

Leverage Ratio for all C&I's **14:1**

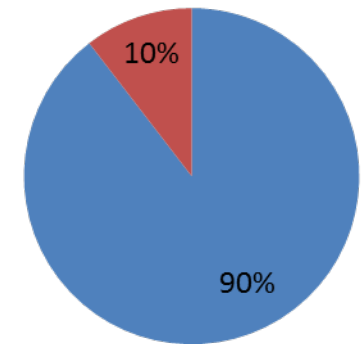
Leverage Ratio for State-Funded C&I's **9:1**

Full-time jobs 3,191

All Centers & Institutes



State-funded Centers & Institutes



■ External Funds ■ State Funds



Centers and Institutes Value and Contribution

fhi360

THE SCIENCE OF IMPROVING LIVES

- Carolina Population Center (1971)
- Solves public health and growth challenges for communities, nations and institutions
- \$700 million annual revenue
- Headquartered in NC
- 400 jobs in NC; 4,000 worldwide

G10
THERAPEUTICS

- Lineberger Cancer Center (2008)
- Develops drugs to protect cells from radiation or chemotherapy
- \$12.5 Series A Financing
- Phase 1 clinical trial underway

UNC's **Kenan Institute** supports the creation and growth of UNC start-ups.



UNC
RESEARCH

Centers and Institutes Service to the State

RENCI and Institute of Marine Sciences: Storm surge modeling in real time during hurricanes

Sheps Center: Projections of workforce in health professions for the state.

Highway Safety Research Center: Graduate driver's license program for teens invented here.



Centers and Institutes Summary

- Central to Carolina's mission
- Major source of external, non-state funding
- A big source of new 21st Century jobs
- Part of how UNC-Chapel Hill gives back
 - Solving problems for North Carolina and the world.
- A smart investment

