

Research AY 2011-12

Update on the Strategic Plan Goals and Objectives

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2.0 Making new discoveries that advance vision science and patient care

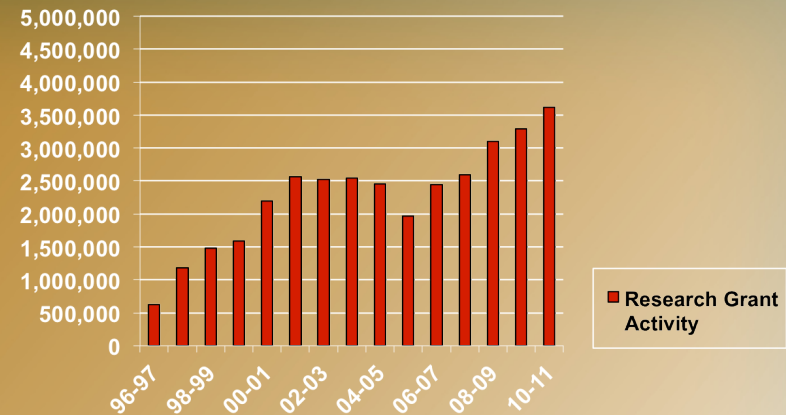
- 2.1 Goal: To develop and maintain the most productive basic and clinical research programs among schools and colleges of Optometry.
- *2.2 Goal: To establish a Center for Clinical Research.*
- *2.3 Goal: To provide resources to attract and retain outstanding research faculty.*
- 2.4 Goal: To enhance the Ph.D. program in Vision Science
- 2.5 Goal: To integrate the O.D./M.S. Program in Vision Science with clinical research and the development of clinical faculty.



2.1 Goal: To develop and maintain the most productive basic and clinical research programs among schools and colleges of Optometry.

Objectives by 2013

- Increase research funding to \$5 million
 - \$3.8 M projected for 2011-12.
- 10 faculty with NIH grants (3 clinical)
 - 12 with one clinical in 2011-12
- 3 NIH Clinician Development Awards
 - 2 LRPs, 1 K28 clinician scientist award, 1 K28 application
- 100 publications in peer reviewed journals (10 high impact)
 - 56 papers, 40+ abstracts, in 2010-11
- 100 publications of patient-based research ...
- 3 seminal basic science discoveries ...
- 2 significant applications of basic research to clinic ... Backus SBIR application; Sack IP
- 3 clinical contributions to standards of care ... Dul/Swanson; Ciuffreda, new studies
- Foster research collaborations ... Backus-Llerena SIVR funds



2.3 Goal: To provide resources to attract and retain outstanding research faculty.

- *Endowed chairs to recruit and retain outstanding researchers*
 - *Haffner Innovation Chair 2011 (\$500,000 endowment).*
- *Recruit outstanding research faculty*
 - *Kathryn Richdale, OD PhD hired in 2011*
 - *Ads for three leadership positions developed and posted*
 - *Chair of Biological and Vision Sciences*
 - *Chair of Clinical Education*
 - *Associate Dean for Graduate Studies and Research*
 - *Existing additional searches for*
 - *Clinical research*
 - *Optics*
 - *Cell biology/biochemistry/molecular biology*
- *Lab renovations on 16/17*
- *Clinical Research Center...*



Mission(draft):

The mission of the SUNY Optometry Clinical Research Center is to promote new knowledge and technological advances in clinical eye and vision care through research with diverse patient populations in partnership with government agencies, industry, private foundations, and other academic institutions.

Services:

Provide assistance to all funded clinical research projects on...

- Grant reports
- IRB, HIPPA, GCP requirements
- Subject recruitment and enrollment
- Study coordination
- Data collection and monitoring
- Statistical analysis

A large orange circle containing the text "SUNY Optometry Clinical Research Center" in black, centered within the circle.

SUNY
Optometry
Clinical
Research
Center

Personnel:

- Director
- Clinical Trial Coordinator(s)
- Statistician(s)
- Clinical Trial PIs
- Clinical Investigators

Space:

- 2-3 dedicated exam rooms
- Special testing rooms
- Clinical Trials Office
- Materials and data storage
- Shared areas in services as needed

Administrative oversight & institutional support

Grants management

RF operations

IRB & compliance

MS & PhD programs

**Graduate
Center for Vision
Research**

*Translational research
collaborations*

*Clinical research
appointments*

Faculty development

Epidemiology

**Clinical
Education**

**Biological and
Vision
Sciences**

**SUNY
Optometry
Clinical
Research
Center**

**Vision
Rehabilitation**

*Contact lenses
Myopia control
Presbyopia*

Binocular vision

Amblyopia

Vision Therapy

Traumatic Brain Injury

**Adult and
Pediatric
Primary Care**

**Advanced
Care**

Glaucoma/perimetry

Disease detection/treatment

Imaging

Dry eye

Levels of engagement in the SUNY Optometry Clinical Research Center



Core Personnel

