

College Update



Dr. Alan Roberts
Vice President
November 8, 2011

The Future...



***“The Future ‘Aint
What It Used To Be.”***

- Henry Ford

IRSC Snapshot

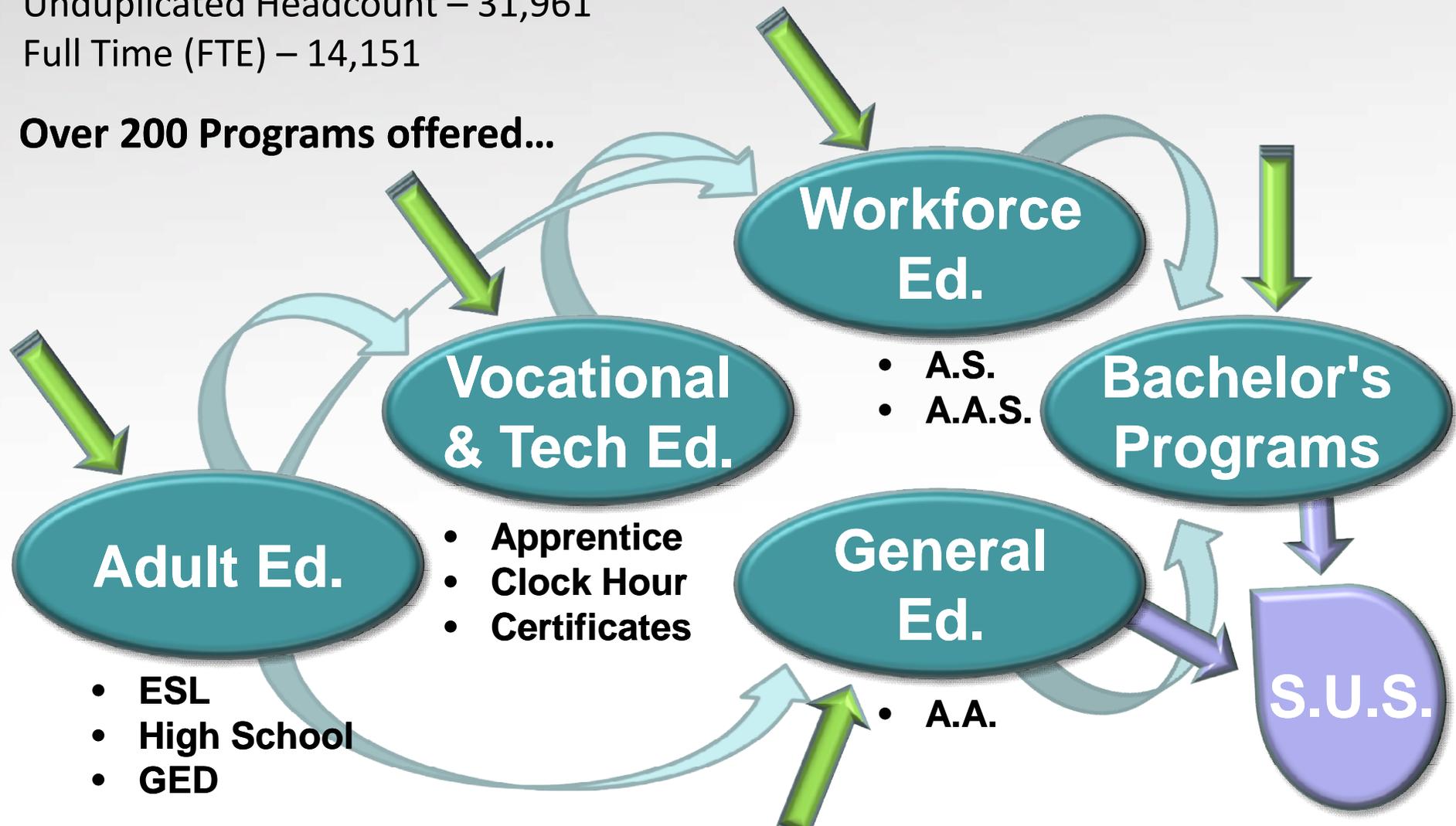


Students Served (2010-11):

Unduplicated Headcount – 31,961

Full Time (FTE) – 14,151

Over 200 Programs offered...



Florida Targeted Industry Clusters



CLEANTECH



- Energy
 - Solar
 - Biofuels
 - Ocean
 - Storage
 - Smart Grid
- Efficiency
- Environment



LIFE SCIENCES



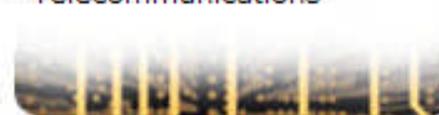
- Biotechnology
- Medical Device Manufacturing
- Pharmaceuticals
- Health Care



INFORMATION TECHNOLOGY



- Modeling, Simulation and Training (MST)
- Photonics/Optics
- Digital Media
- Software and Computer Systems Design & Integration
- Computers, Microelectronics and Precision Device
- Telecommunications



AVIATION / AEROSPACE



- Aviation
- Aerospace



HOMELAND SECURITY / DEFENSE



- Homeland Security
- Defense



FINANCIAL / PROFESSIONAL SERVICES



- Financial/Professional Services



MANUFACTURING



- Manufacturing



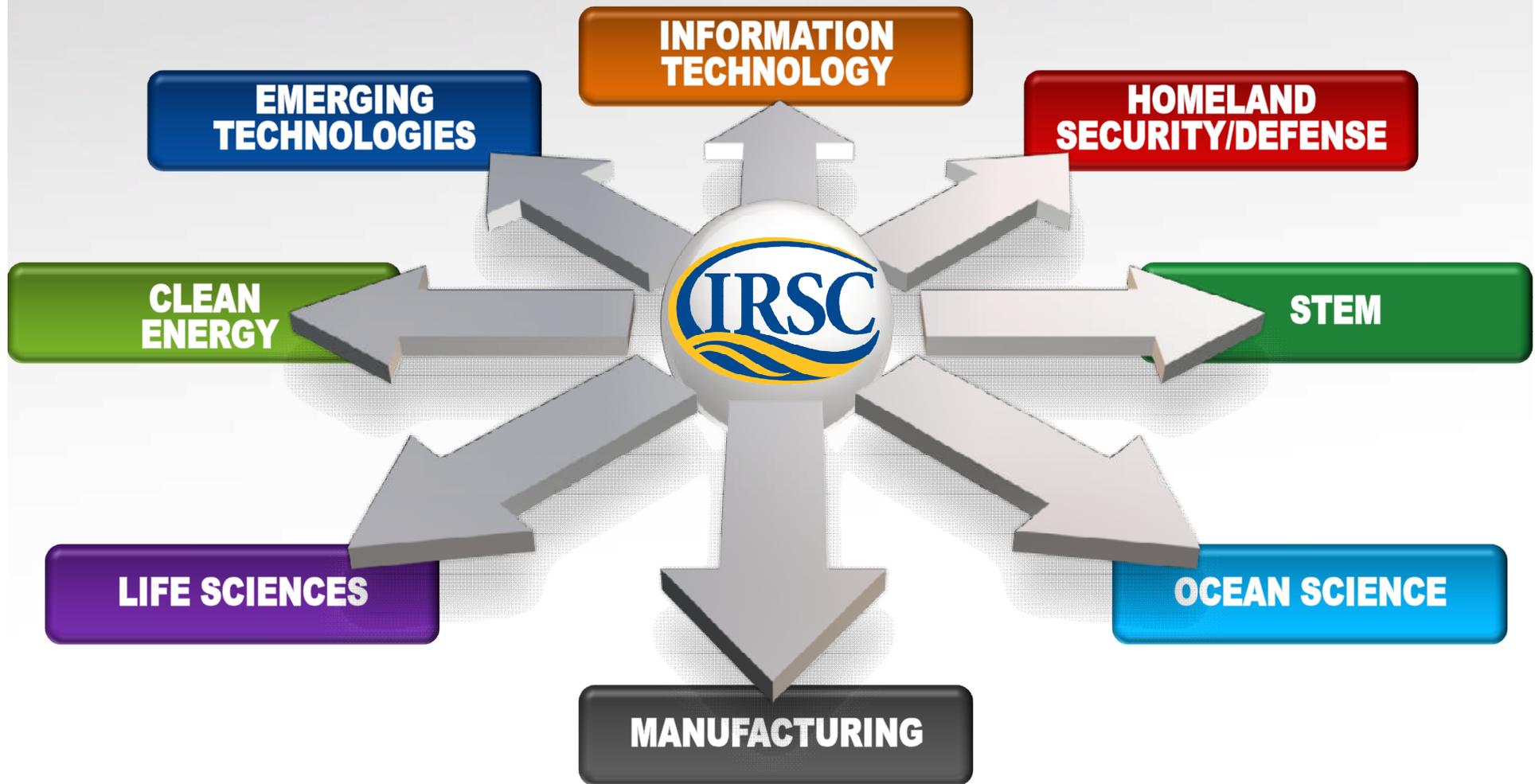
EMERGING TECHNOLOGIES



- Materials Science
- Nanotechnology
- Marine Science



Industry Focus of IRSC Growth



1992 – Science Center



**INFORMATION
TECHNOLOGY**

**HOMELAND
SECURITY/DEFENSE**

LIFE SCIENCES

STEM

**EMERGING
TECHNOLOGIES**

OCEAN SCIENCE

**CLEAN
ENERGY**

MANUFACTURING

1998 – Health Science Center



**INFORMATION
TECHNOLOGY**

**HOMELAND
SECURITY/DEFENSE**

LIFE SCIENCES

STEM

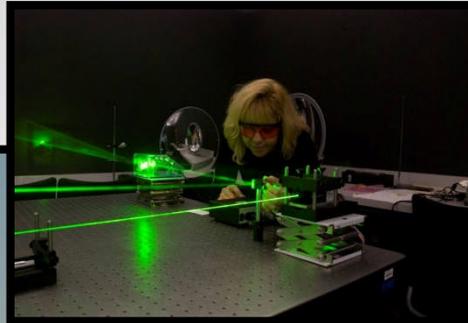
**EMERGING
TECHNOLOGIES**

OCEAN SCIENCE

**CLEAN
ENERGY**

MANUFACTURING

2005 – Kight Center for Emerging Technologies



**INFORMATION
TECHNOLOGY**

**HOMELAND
SECURITY/DEFENSE**

LIFE SCIENCES

STEM

**EMERGING
TECHNOLOGIES**

OCEAN SCIENCE

**CLEAN
ENERGY**

MANUFACTURING

2008 – FSU College of Medicine



**INFORMATION
TECHNOLOGY**

**HOMELAND
SECURITY/DEFENSE**

LIFE SCIENCES

STEM

**EMERGING
TECHNOLOGIES**

OCEAN SCIENCE

**CLEAN
ENERGY**

MANUFACTURING

2009 – Treasure Coast Public Safety Training Complex



INFORMATION
TECHNOLOGY

**HOMELAND
SECURITY/DEFENSE**

LIFE SCIENCES

STEM

EMERGING
TECHNOLOGIES

OCEAN SCIENCE

CLEAN
ENERGY

MANUFACTURING

2012 – Brown Center for Innovation and Entrepreneurship



**INFORMATION
TECHNOLOGY**

**HOMELAND
SECURITY/DEFENSE**

LIFE SCIENCES

STEM

**EMERGING
TECHNOLOGIES**

OCEAN SCIENCE

**CLEAN
ENERGY**

MANUFACTURING

Solar Panel Field

- 150 panels surrounding lake
- Will produce approx. 30kw
- Represents 12% of CIE power



Electric Car Charge Stations

- 2 stations
- 1 solar/1 comm.



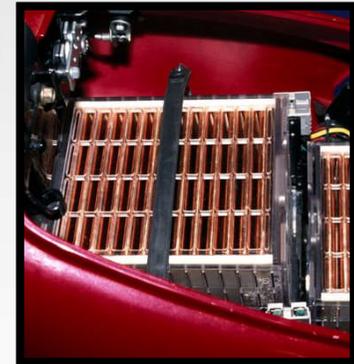
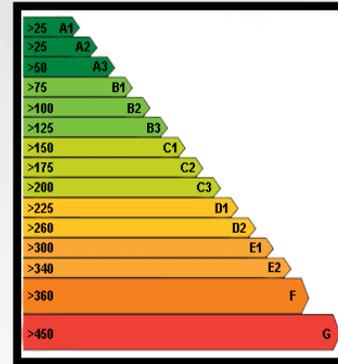
Wind Turbines

- 3 Turbines/3.6kw
- 1.5% of CIE power
- Location: TBD

Brown Center for Innovation and Entrepreneurship



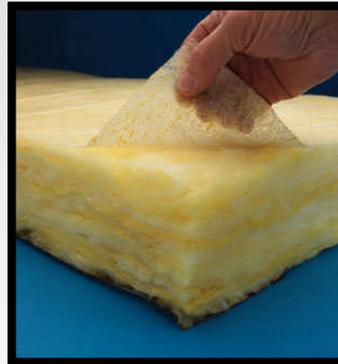
Brown CIE Alternative Energy Lab



- **Battery Area** – reconditioning, health monitoring, optimization
- **Biofuels Area** – ethanol production: fermentation/gasification
- **Solar Area** – economics, efficiency, maintenance of equipment
- **Assemble/Testing Area** – state-of-the-art testing equipment
- **Fuel Cell Area** – H₂ and O₂ electrochemical process module

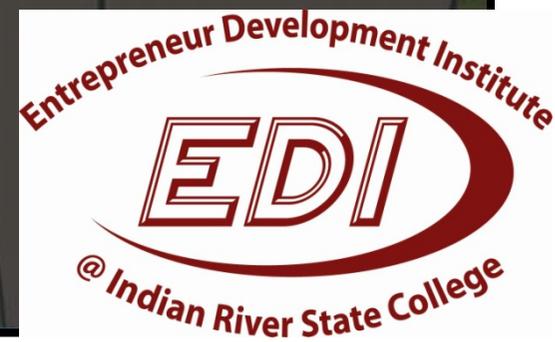
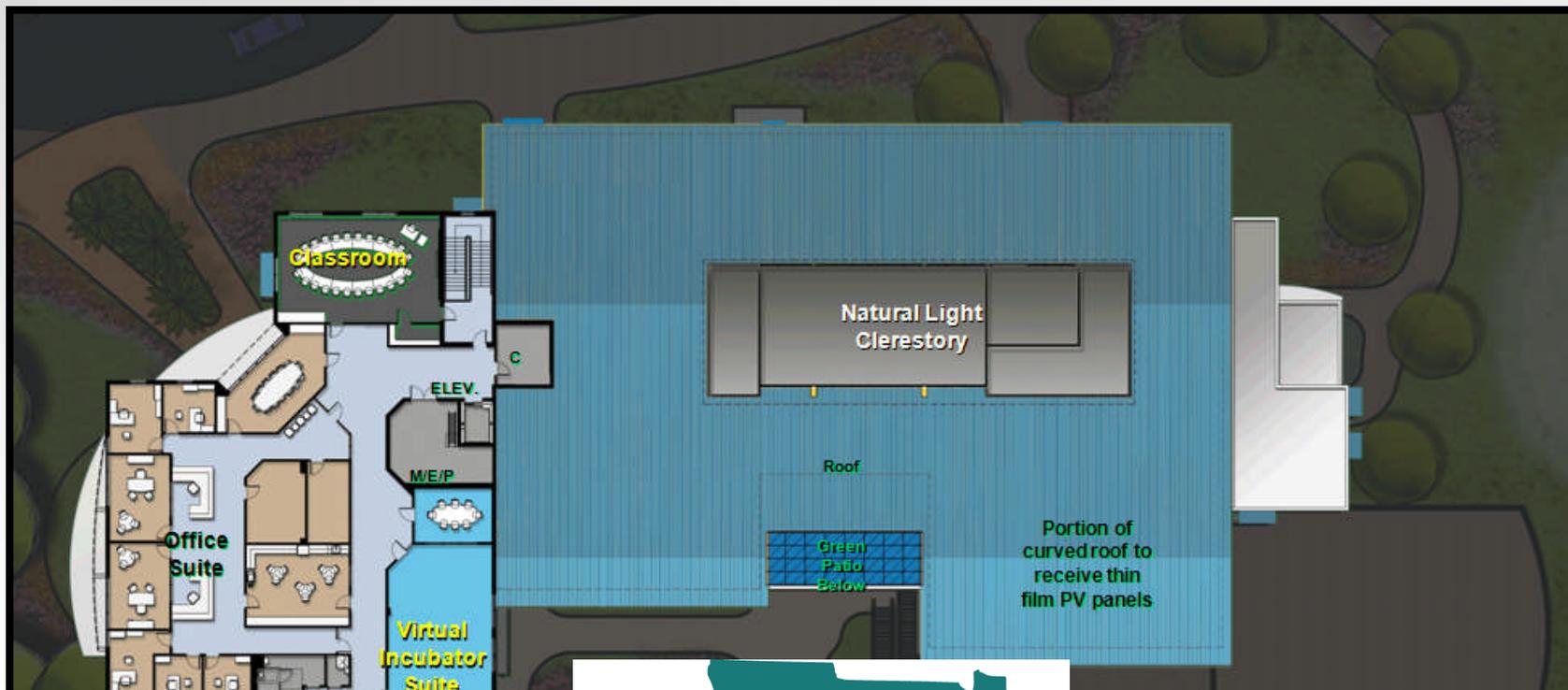
Brown CIE

Sustainable Building & Design Lab



- **Smart Grid Equipment**
- **Thermal Imaging Equipment**
- **Appliance Testing**
- **Insulation and Window Efficiency**
- **3-D Design Software**
- **Rapid Prototyping Machines**
- **CNC Lathe & CNC Mill**

Brown Center for Innovation and Entrepreneurship



2012 – S.T.E.M. Center



**INFORMATION
TECHNOLOGY**

**HOMELAND
SECURITY/DEFENSE**

LIFE SCIENCES

STEM

**EMERGING
TECHNOLOGIES**

OCEAN SCIENCE

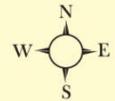
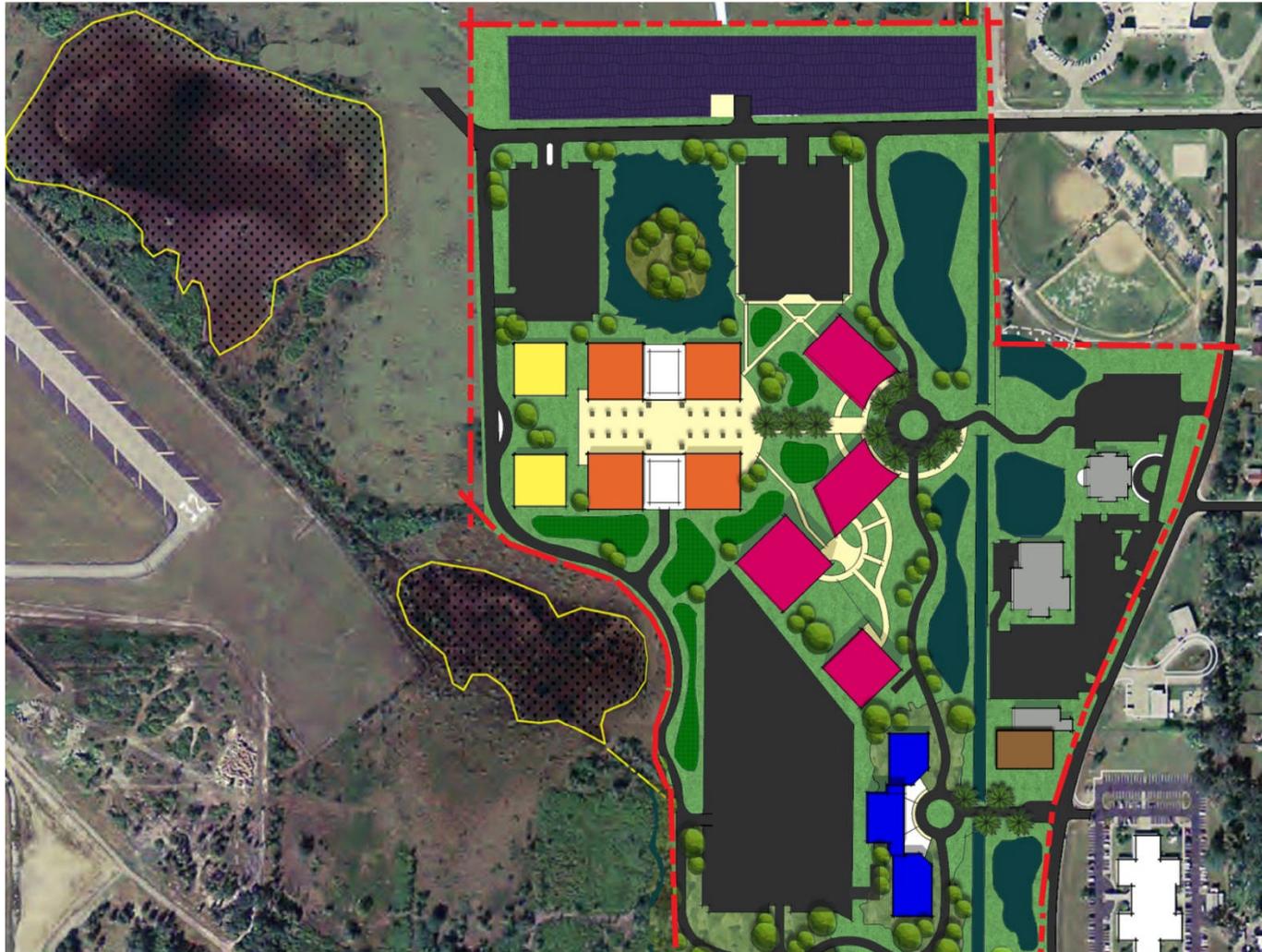
**CLEAN
ENERGY**

MANUFACTURING

Science, Technology, Engineering & Math S.T.E.M. Center

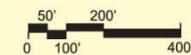


Dixon-Hendry Campus Master Plan



LEGEND

- Research and Development Lab Cells
- Exterior Lab Courtyards
- Future Buildings
- Translucent PV Covering Over Research & Development Mall
- Experimental Agronomy Plantings
- Educational & Convergence Learning
- Business & Industry
- Parking
- Existing Building
- Future Addition to Building A
- Experimental Biomass Planting Research Fields & Work Sheds
- Retention



Indian River State College - Dixon-Hendry Campus Proposed Master Plan



Baccalaureate Expansion

✓ Currently Available
* In Approval Process

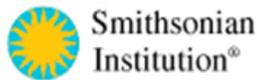


Theme	2011-12	2013-14	2015-16	2017-18	2019-20
Life Sciences	<u>Biology</u> ✓	Biotechnology	Radiologic Science		
Emerging Technology	<u>Digital Media</u> ✓	Energy Mgmt.	Cyber Security	<u>Animation</u> ✓	<u>Simulation</u> ✓
Engineering	Civil Engineering (Geomatics)	Energy Systems Industrial Eng.	Architecture	Environmental Engineering	
Information Technology	IT Management	Informatics	<u>Information Technology</u> *	Computer Forensics	Information Science
Applied Arts & Sciences	<u>Criminal Justice</u> *	Interdisciplinary Social Sciences	<u>Public Administration</u> *	Fine Arts	
Education	English Education	PK to 3 Education	English (Tech. Writing)	Elementary Education	
Health & Human Services	<u>Human Services</u> ✓	Nursing (AA to BSN)	Health Care Mgmt.		
Business	<u>Business Administration</u> *	Marketing	International Business	Accounting	Finance

Some of our MANY Partnerships...



INEOS



INFORMATION TECHNOLOGY

HOMELAND SECURITY/DEFENSE

LIFE SCIENCES

STEM

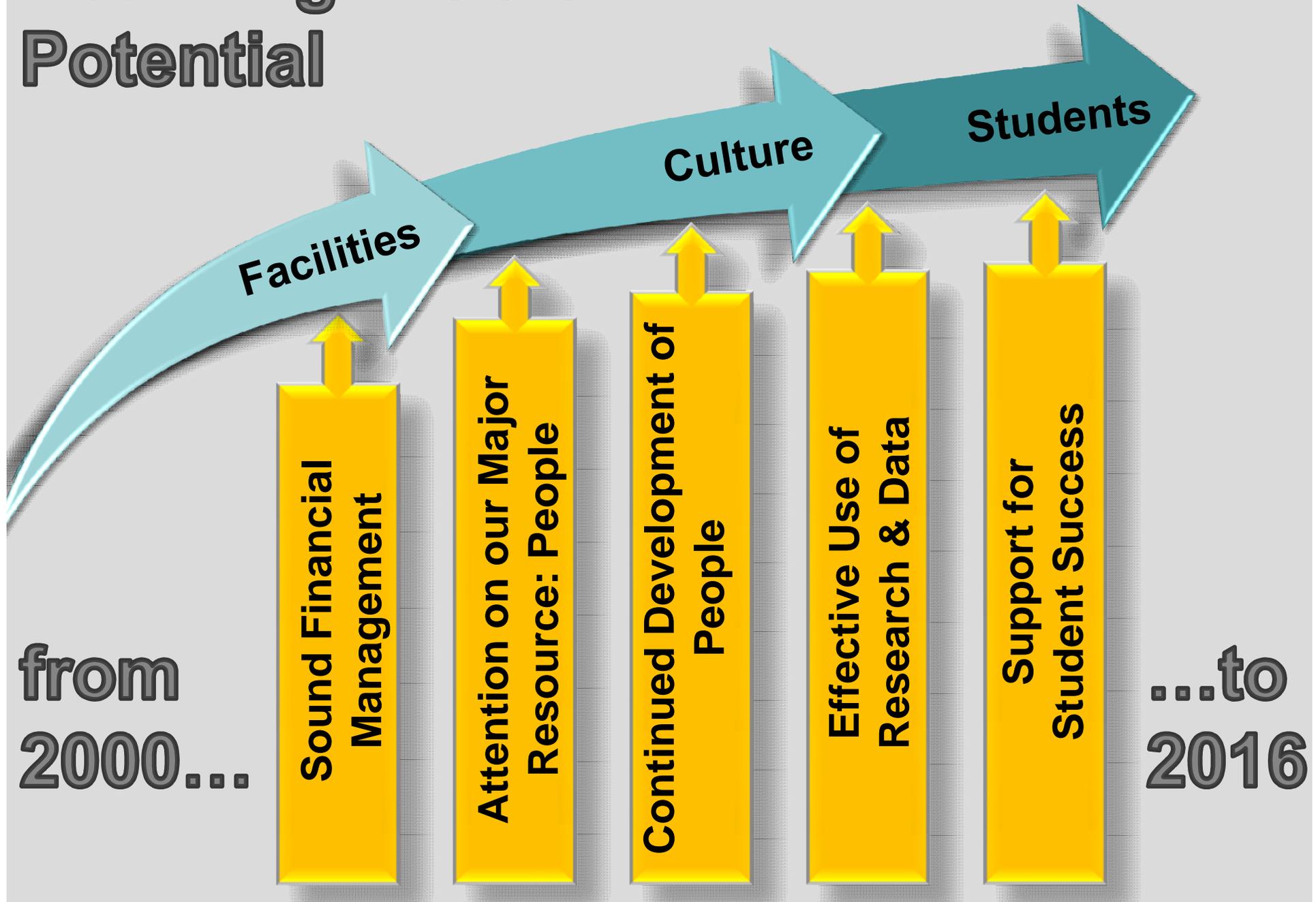
EMERGING TECHNOLOGIES

OCEAN SCIENCE

CLEAN ENERGY

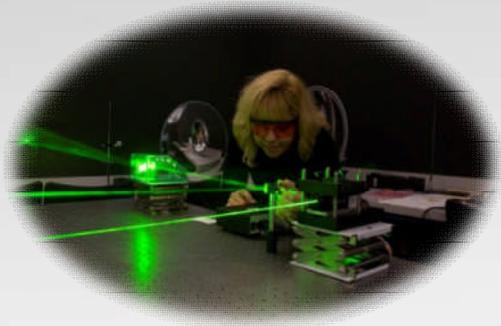
MANUFACTURING

Realizing IRSC's Potential





Grant Awards



Southeast Regional Center for Optics & Photonics Education and Training

\$70k award to develop comprehensive plan to meet industry workforce needs and develop training strategies.



Regional Center for Nuclear Education and Training

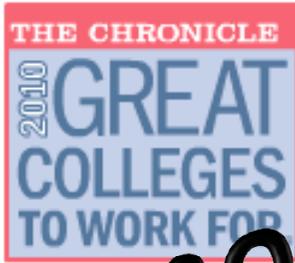
\$3.1 million to develop and deliver nuclear training throughout the Southeast; 1st Center of its kind.



Center for Ocean Science Education Excellence

\$2.8 million to establish COSEE Florida, 5-year partnership designed to promote ocean science education





Honor Roll



Eastern Kentucky University



Hofstra University



University of Mississippi



Indian River State College



Georgia Institute of Technology



National University (CA.)



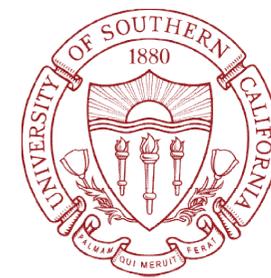
University of Notre Dame



George Mason University



University of Michigan



University of Southern California

National Spotlight - Affordability



CNNMoney
A Service of CNN, Fortune & Money

NAMED



**3RD MOST
AFFORDABLE
COLLEGE
IN THE NATION**



http://money.cnn.com/galleries/2011/pf/college/1106/gallery.10_most_affordable_colleges/4.html

CNNMoney
A Service of CNN, Fortune & Money

FORTUNE Money

Home Video Business News Markets Term Sheet Economy Tech Personal Finance

Real Estate Retirement Jobs Autos Taxes Spending College Best Places to Live Ask the Expert

Find answers 24/7 at: CNNMoney.com/helpdesk

10 most affordable colleges

CNNMoney 91 comments

Indian River State College 4 of 11 << BACK NEXT >>

Net price: \$2,138

Tuition: \$1,983*

Undergrad enrollment: 17,110

Freshmen with financial aid: 66%

Location: Fort Pierce, Fla.

NEXT: California State University-Dominguez Hills

National Spotlight - Quality



U.S. News & WORLD REPORT

BEST COLLEGES

2011

SOUTH REGION



INDIAN RIVER STATE COLLEGE

Indian River

Okeechobee

St. Lucie

Martin

Five Campuses in Fort Pierce, Vero Beach, Stuart, Okeechobee, and St. Lucie West

Over 250 eLearning courses create our virtual campus

#12

TOP PUBLIC SCHOOLS

#65

OVERALL

Firefox Indian River State College | Best College ...
http://colleges.usnews.rankingsandreviews.com/best-colleges/indian-river-state-college-1493

U.S. News & World Report
EDUCATION COLLEGES

HOME COLLEGES GRAD SCHOOLS HIGH SCHOOLS ONLINE EDUCATION WORLD

Home > Colleges > Indian River State College

WELLS FARGO Save automatically with a Way2Save® Savings account
\$1 automatically transferred from your checking account to your Way2Save account when you use your debit card. Find C Member FDIC

Indian River State College

COLLEGE RANKINGS

Overview Map U.S. News Rankings Applying Academic Life Student Life Campus Info & Services Paying for School

AXA Achievement \$670,000 in scholarships - **APPLY NOW!**

#65 Regional Colleges (South)

Summary
Indian River State College is a public institution. It has a total undergraduate enrollment of 17,511, its setting is suburban, and the campus size is 642 acres. It utilizes a semester-based academic

Quick Stats
3209 Virginia Avenue
Fort Pierce, FL 34981
[map]
Phone: (772) 462-4772
2011-2012 Tuition
\$2,760 in-state
\$10,530 out-of-state
Students
17,511 enrolled

Painting the future...



College Update



Dr. Alan Roberts
Vice President
November 8, 2011