



UNIVERSITY OF CENTRAL FLORIDA  
COLLEGE OF ENGINEERING  
AND COMPUTER SCIENCE

12/11/2015

# Outline

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# UCF Enrollments

**CECS 2015:** 8,238 (UG), 706 (MS), 619 (Ph.D.) , 1992 (Juniors), 3,462 (Seniors), 5,454 (Juniors + Seniors)

**CECS 2014:** 7,383 (UG), 711 (MS), 600 (Ph.D.), 1,819 (Juniors), 3,538 (Seniors), 5,357 (Juniors + Seniors)

Discipline	<i>Fall 2015</i>	Fall 2014	% Change
Arts & Humanities	5,377	5,265	+2.13%
Business	9,018	8,546	+5.52%
Education	5,757	5,645	+1.98%
<b>CECS</b>	<b>9,573</b>	<b>8,712</b>	<b>+9.88%</b>
Grad Studies	109	123	-11.38%
Health & Public	9,893	9,629	+2.74%
Medicine	3,422	3,209	+6.64%
Nursing	2,736	2,858	-4.27%
Optics	205	165	+24.24%
Hospitality	2,934	2,928	+0.20%
Sciences	11,053	10,924	+1.18%
UG Studies	1,698	1,855	-8.46%

**Underrepresented UG: 2,608 (32.2%)**

**Female UG: 1,310 (16.2%)**

**International UG: 143 (1.7%)**

**Underrepresented G: 182 (24.3%)**

**Female G: 281 (21%)**

**International G: 591 (44%)**





# *CECS Degrees*

Degrees	13-14 AY	14-15 AY	Difference
BS	1068	1239	<b>+16.0%</b>
MS	384	328	<b>-14.6%</b>
Ph.D.	83	77	<b>-7.2%</b>
Total G	467	405	<b>-13.3%</b>
Total UG+G	1537	1644	<b>+7.0%</b>

# CECS Moving Forward

	Fa 12	Fa 15	New 12-15	New 16-17	Total by 17	New 12-17
T/TE	126	141	37	47	188	84
I/L	18	30	15	1	29	16

## Notes

- **T/TE:** Tenure and Tenure Earning Faculty
- **I/L:** Instructor and Lecturer Faculty
- **Fa 12:** Faculty at beginning of Fall 2012
- **Fa 15:** Faculty at beginning of Fall 2015
- **New 12-15:** Faculty Hires that arrived from Fall 12 to Fall 15 (the reason that 37+47 (=84) T/TE hires is not equal to 188-126 (62) T/TE is that some of the 37 hires are replacement hires; same for I/L numbers)
- **New 16-17:** Faculty hires expected to arrive by Fall 17 (includes FCI hires, 12 new hires allocated by Provost, ITPF hires and replacement hires)
- **Total by 17:** Expected Faculty at the beginning of Fall 2017
- **New 12-17:** Number of Faculty Hires that arrived from beginning of Fall 12 to the beginning of Fall 2017 (5-year period)

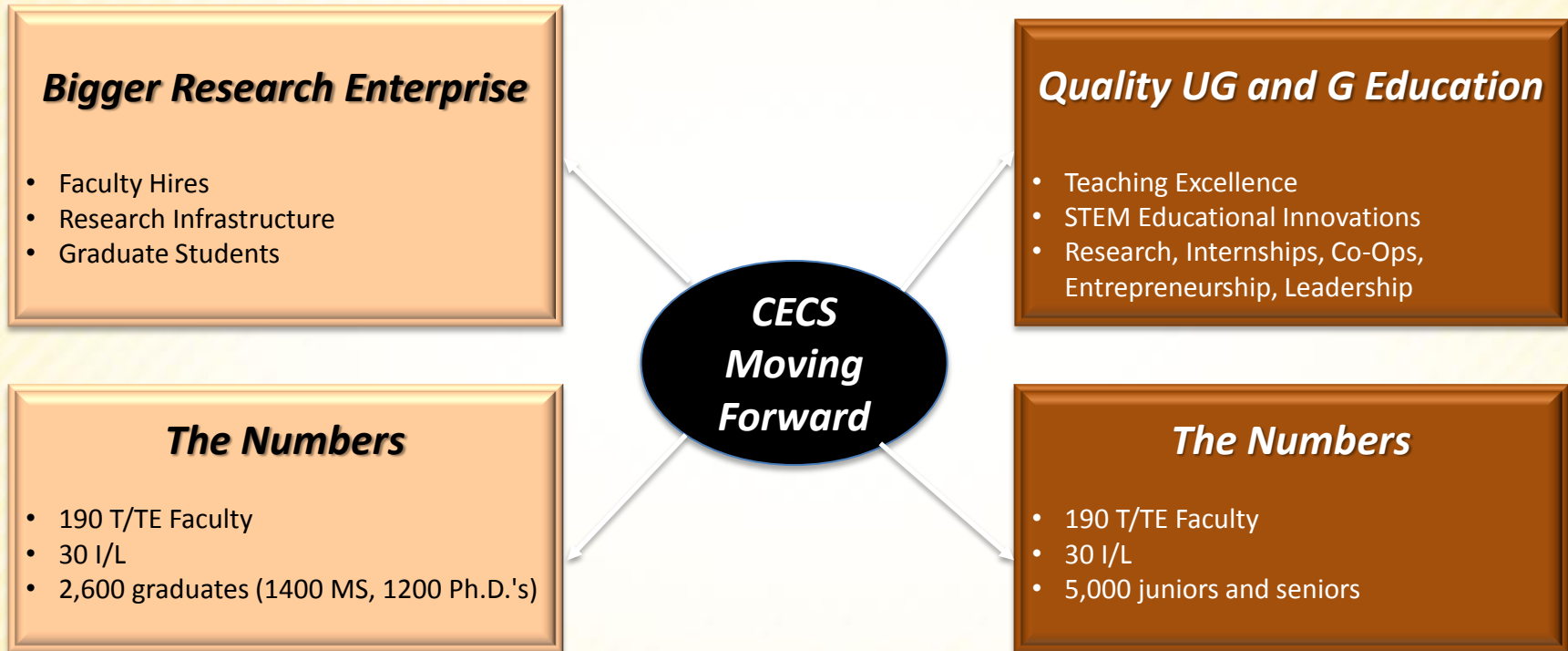


# CECS Moving Forward

- From Fall 12 (126) to Fall 17 CECS (188) CECS will **have 62 more T/TE faculty** almost 50% more faculty than the T/TE in Fall 2012
- The new T/TE faculty hires in 16-17 include the 12 new Provost hires, predicted FCI hires, ITPF hires, replacement hires
- If all the hires materialize by Fall 2017, 84 of the 188 T/TE faculty will be **new hires** (less than 5 years at UCF); this corresponds to **45% of the entire T/TE CECS faculty body**
- Assuming that another 15 hires come our way next year, CECS will have, by Fall 2018, over **200 T/TE faculty**
- It is reasonable to have a research productivity of **600 journals** and more than **700 conferences per year**, after all these faculty are in place
- It is reasonable to have a **research funding** productivity of **\$45M per year**, in five years (\$250k per T/TE faculty), after all these faculty are in place



# CECS Moving Forward



# CECS Asks for DAB

- **Connect us with your HR people** to help us drive the graduate population upwards (recruit employees for MS and Ph.D. programs)
- Helps us continue to enhance student learning, and foster student creativity and innovation (**need student support, branding of student lab spaces**, such as Harris Gathering Lab, Texas Instrument Innovation Lab, Eustace-Kwan Family Foundation Computer Programming Lab)
- Helps us recruit the best faculty in CECS (**need infrastructure/signature research labs, professorships**)
- **Connect us with your alumni friends** to increase the alumni base connected with the College (Robin Knight will inquire about that)

>>> Opportunity Starts Here



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# ***BOG Grant- CSIT TEAm Project***

- In April 2014, the Florida's Board of Governors ***awarded \$15 million in grants to SUS institutions*** to produce more students for careers in the state's highest-need areas, as identified by a comprehensive BOG GAP Analysis
- The project titled CSIT (UCF-USF-FIU) TEAm, is an urban university coalition response to Florida's Computer and Information Technology workforce needs
- The ***CSIT TEAm project*** (one of four funded projects) received a monetary award of ***\$4.9 million***.
  - CSIT TEAm Lead Institution: UCF
  - CSIT TEAm Partnering Institutions: USF and FIU
  - CSIT TEAm disciplines: ***CS, IT, CpE, IS, MIS***
  - The three universities *produce more than 1,000 degrees* in these disciplines and *account for over than 60% of the new jobs in Florida in these majors*

# ***CSIT TEAm Summary of Accomplishments***

- We have increased our ***unduplicated upper enrollments*** from 5783 in 2013-14 to 6349 in 2014-15 (9.8% increase). Over the 2-year 2013-14, 2014-15 ***we have increased the unduplicated upper enrollments by 23.6%*** span of the CSIT TEAm grant effort, (from 5136 to 6349)
- We have increased our ***degrees*** from 1053 in 2013-14 to 1190 in 2014-15 (13.0% increase) surpassing our expected promised numbers. Over the 2-year 2013-14, 2014-15 span of the CSIT TEAm grant effort, ***we have increased the degrees by 25.7%*** (from 947 to 1190)
- We reported for the first time ***employability numbers***. The employability numbers are very good with ***full-time employment for our graduating students ranging from 77% to 96%***.

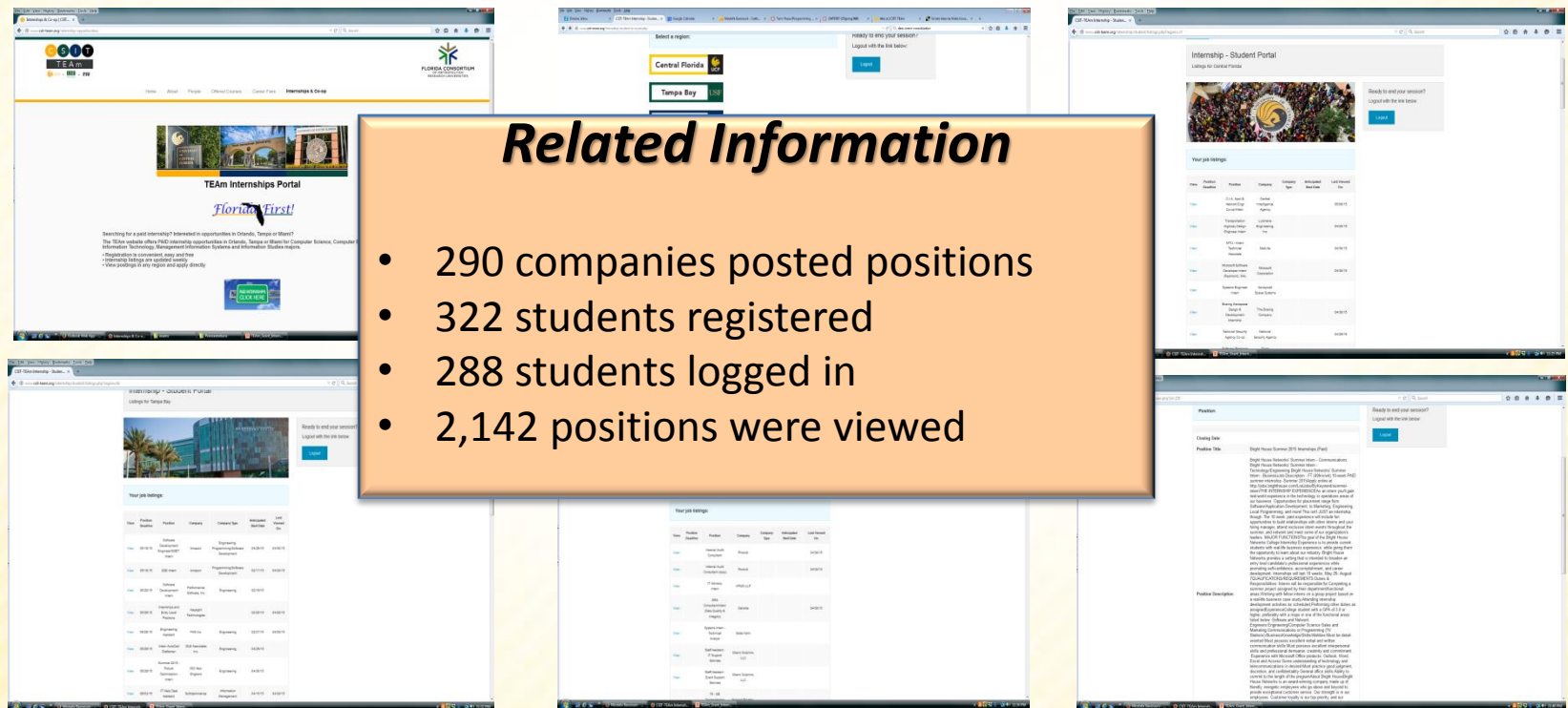
# Highlights of CSIT TEAm Evaluation in AY 2014–2015

The BOG scorecard evaluation for the CSIT TEAm grant efforts in AY 2014-2015 has been very positive (by far, the best TEAm grant in the State). Our activities have received the following evaluation

Evaluation	Activity	Comments
<b>Terrific Best Practice</b>	Sharing On-Line Technical Electives across institutions	("virtual super-university"). Making this happen across institutions is phenomenal.
<b>Terrific Best Practice</b>	Coordinating Internship and Co-op Student Opportunities (Common TEAm Internship Portal & TEAm Virtual Career Fair)	By making use of summer offerings and streamlining course coordination and transfer credits, we will afford students the opportunity to take summer courses more easily while they are working as summer interns, even if they are in a partner city.
<b>Terrific Best Practice</b>	Recruiting Students at the Freshman and Junior Level	Incredibly wide scope. A wide variety of recruitment activities at the three institutions was reported.
<b>Noteworthy</b>	Enhancing Professional Student Advising and Tutoring for Gateway Courses	Wide scope of the advising and tutoring efforts. Significant student gains (GPS, course passing, etc.) were reported.
<b>Noteworthy</b>	Establishing the Committees mentioned in the CSIT Management Plan	Widespread internal/external representation.

# Collaborative Activity: TEAm Internships Portal

The portal is housed on the TEAm website. Students from UCF, USF and FIU can login to access the portal and view the posted internships related to the CSIT TEAm majors



**Related Information**

- 290 companies posted positions
- 322 students registered
- 288 students logged in
- 2,142 positions were viewed



# Collaborative Activity: Virtual Career Fair (VCF)

The three institutions held a **Virtual Career Fair (VCF)** on April 14, 2015. The VCF was organized by CareerEco, Inc.

The VCF was a very successful event; **the first Virtual Career Fair in the history of Central Florida, UCF, USF, and FIU**

Employers provided feedback, e.g., NuComm Communications said they interviewed stellar candidates

Florida Consortium of Metropolitan Research Universities



April 14, 2015

## Related Information

- 22 Employers registered for the event
- 195 students attended (audio and video) chat sessions with employers
- This virtual career fair was expanded to all disciplines in Fall 2015

"It's a great opportunity to interface with employers, but doesn't require complicated logistics."

"Convenient, simple, fast...Good choice!"

Virtual Career Fair Dates: April 14, 2015  
Attend the Fair from Anywhere.

For more information:  
FloridaMetro@careereco.com | 770.980.0088

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