University of South Florida System

Research Strategic Planning

Sudeep Sarkar, Ed Funai, and members of the Research Strategic Planning Committee

Our Charge

• Develop an aspirational vision that is aligned with overall USF System vision
• Identify well-defined areas of distinction with:
  – Strong potential for rapid increase of external funding
  – Promising opportunities for commercialization
  – Linkage with clinical research
  – Incorporation of state and federal priorities
    ▪ Economic development, community engagement, preeminence funding
  – Take advantage of local ecosystem – Moffitt Cancer Center, County, City, VA, SOCOM, MacDill, FHTCC
• Identify 3-5 strategic research objectives along with initiatives that will help achieve the vision and measures of success
We’ve come a long way...
Research Expenditures per Fiscal Year

Source: Total research funding amounts include Project and Non-Project data from USF and all affiliates.
High Achieving Faculty

- More than 3,000 distinguished scholars, researchers and expert teachers comprise the USF faculty, including the 2012 U.S. Professor of the Year, with more than 45 endowed chairs and 30 endowed professorships

- USF is ranked 110th among all of the world’s universities in a ranking of faculty publications, according to *High Impact Universities* (2010)

- USF ranks 4th worldwide for organizations with the most AAAS Fellows named this year
Faculty Honors & Awards
By Year

We have come a long way...

Issued U.S. Patents per Fiscal Year
We have come a long way...

Start-Up Companies per Fiscal Year

We have come a long way...

License Agreements per Fiscal Year
We have come a long way...

Postdoctoral Appointees

Number of Postdoctoral Appointees

Innovation and Economic Prosperity University
Performance-Reputation (PR) Gap

Times Higher Education World University Ranking (2015-16)

<table>
<thead>
<tr>
<th>Category</th>
<th>Weight</th>
<th>Score</th>
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<tbody>
<tr>
<td>Overall</td>
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<tr>
<td>Teaching</td>
<td>24.8</td>
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<td>International Outlook</td>
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<td>Industry income</td>
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<td>Research</td>
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<td>Citations</td>
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Research Categories

- Papers to academic staff: 6% - 86
- Research income to academic staff: 6% - 81.9
- Research reputation: 18% - 3.6

National Trends

- Published by The National Academies Press, 2014
- This report was approved by the Governing Board of the National Research Council, whose members are drawn from the councils of the National Academy of Sciences, National Academy of Engineering, and National Academy of Medicine.
National Trends

- **Convergence** of expertise to merge areas of knowledge from multiple fields to address emerging scientific and societal challenges cut across disciplinary boundaries

- **Translation** of scientific investigations and enabling the resulting advances into new forms of innovation and new products

*Convergence: Facilitating Transdisciplinary Integration of Life Sciences, Physical Sciences, Engineering, and Beyond, National Academies, 2014*
Three Common Themes Articulated by the Research Strategic Planning Committee

**Recognition:** Be recognized as a top-tier research and innovation university system

**Convergence:** Maximize transdisciplinary collaboration for convergence around emerging areas of global significance

**Impact:** Be a top-tier university system for translating research into products and processes that impact the community

We are here to...
How to Vote

GO TO WWW.GOVOTE.AT

1. You will be asked to allow the system to “Find Nearby Voting Sessions”
2. Click ALLOW
3. Select or (if needed) enter this Code with no spaces: 677824
4. Questions will pop up for your vote
5. Responses limited to 140 characters

What are we doing really well?

What are our research and innovation strengths?
What opportunities are available locally, nationally, and internationally?

What strategic initiatives could help us achieve our aspirations?
Where, or in what ways, should we invest to achieve our aspirations? (e.g., money, effort, time, etc.)

Which indicators would create a scorecard to measure our progress towards our aspirations?
For More Information, Visit Our Website:

http://www.usf.edu/research-innovation/researchers/huron-report.aspx