Research and Creative Activity at a Glance
San José State University - July 2017

By the Numbers

<table>
<thead>
<tr>
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<th>2014-15</th>
<th>2015-16</th>
<th>2016-17</th>
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<tbody>
<tr>
<td>Sponsored Programs Research Expenditures</td>
<td>$51.2M</td>
<td>$50.1M</td>
<td>$47.1M</td>
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<tr>
<td>F&amp;A Revenue</td>
<td>$7.8M</td>
<td>$7.8M</td>
<td>$7.7M</td>
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<td>T/TT FTEF</td>
<td>546</td>
<td>565</td>
<td>611</td>
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Key Strategic Initiatives

- **Launched an Office of Research** – restructured the former Graduate Studies and Research office to better promote RSCA.
- **Increased number of T/TT faculty 12% in 3 years** – nearly all of that growth is in probationary faculty so we expect the RSCA activity and extramural funding to increase proportionally in 2-5 years as these faculty develop.
- **New F&A reinvestment model** – invest more heavily in College RSCA programs tied to RSCA metrics; cap and reduced subsidy for low F&A grants by evaluating for mission fit.
- **$4.8M Investment in RSCA over 2014-17** – includes $3.5M of operating fund investment plus $1.3M in reinvestment of F&A revenue – spent on grants academy, mini (5$K) RSCA grants, PIs, department- and college-specific RSCA programs.

Recent Outcomes

- **Robust publication output** - College of Science averages 200 publications per year over 2012-16 (~115 FTEF). College of Engineering has **doubled** publication number over same period.
- **Grant activity** - Faculty demographics predict proposal and award activity with a ~3-5 year lag time. Significant increase predicted in ~2-3 years. (See chart)
- **Numerous faculty and student awards and distinctions** – From 2008-2017 RISE program retention/graduation rate = 98%. 21 Students participating in URM research programs (MARC, RISE, LSAMP) earned NSF Graduate Fellowships. Five faculty received NSF Career Awards (3 SCI, 1 ENG, 1 SS), one faculty awarded Woodrow Wilson Career Enhancement Fellowship. One music faculty won Grammy Award for Best Tropical Latin Album.
- **Most colleges have hired Associate Deans of Research** – provide local help for faculty on RSCA, manage RSCA programs, help disseminate successes, and collect RSCA data.
- **All colleges have developed RSCA metrics** – permit effective resource allocation and assessment of efficacy of RSCA programs.
- **Robust metric scores** - RSCA investments have stimulated research of all faculty, but more so for those receiving release time. (See chart)