

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

By the Numbers

Year	2014-15	2015-16	2016-17
Sponsored Programs Research Expenditures	\$51.2M	\$50.1M	\$47.1M
F&A Revenue	\$7.8M	\$7.8M	\$7.7M
T/TT FTEF	546	565	611

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 (\$5K) 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)

