Research Administration End to End Service Satisfaction Survey 2017-Detailed Summary Report

May 30, 2017

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RA E2E Service Satisfaction Survey 2017

Background & Methodology

Purpose & Sponsors

- Purpose of the RA E2E Service Satisfaction Survey:
 - to understand Faculty and professional researchers' overall satisfaction with UC Berkeley's Research Administration end-to-end services over the prior 12 month period
 - serve as baseline for ongoing, annual service satisfaction survey
- Paul Alivisatos, VC Research, and the Research Administration End to End Initiative Team sponsored the survey
- A working group with members from CSS, SPO, IAO and CGA developed the survey
 - met multiple times to set objectives, develop survey design dimensions and questions, interpret results and develop action items

Design

- Questions were multiple choice, with three optional open-ended comment questions
- Questions measured up to 8 research administration service quality dimensions:
 - Overall satisfaction
 - Timeliness
 - Accuracy
 - Knowledge/Expertise
 - Reliability
 - Effective communications
 - Taking initiative
 - Helpfulness
- The 8 research administration service quality dimensions were measured across 4 departments:
 - Campus shared Services (CSS)
 - Sponsored Projects Office (SPO)
 - Industry Alliances Office (IAO)
 - Contracts & Grants Accounting (CGA)
- The 8 research administration service quality dimensions were measured across 6 processes:
 - Award set-up
 - Post-award reporting
 - Post-award spending management
 - Purchasing, procurement and reimbursements
 - Hiring
 - Award closeout

Distribution & Response Rate

- Confidential survey open from February 8-22, 2017
- Sent link to Qualtrics survey via email invitations to 2,051 UC Berkeley faculty and professional researchers who are currently participating in internally-funded or sponsored research
 - Email distribution list generated from PI Portfolio system
 - Email invitations came from VC Research and RA E2E Initiative Advisory Committee
- 20% Response Rate (408 respondents)

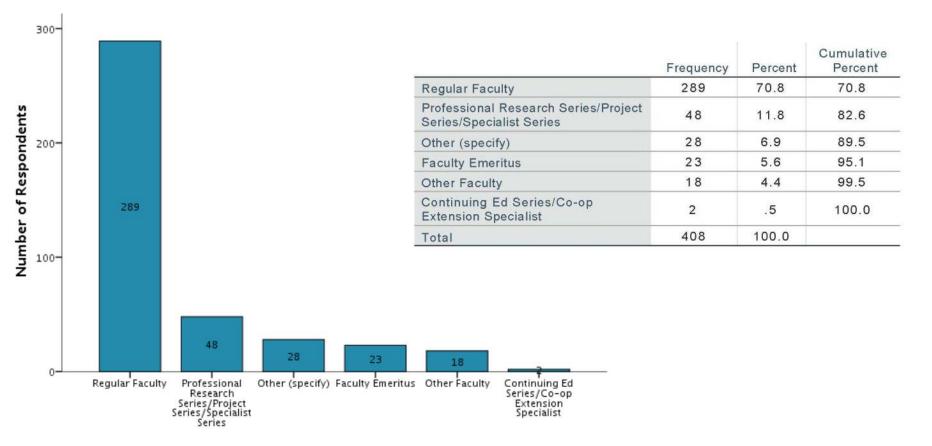
Who responded to the survey?

Characteristics of Survey Respondents

RA E2E Service Satisfaction Survey 2017

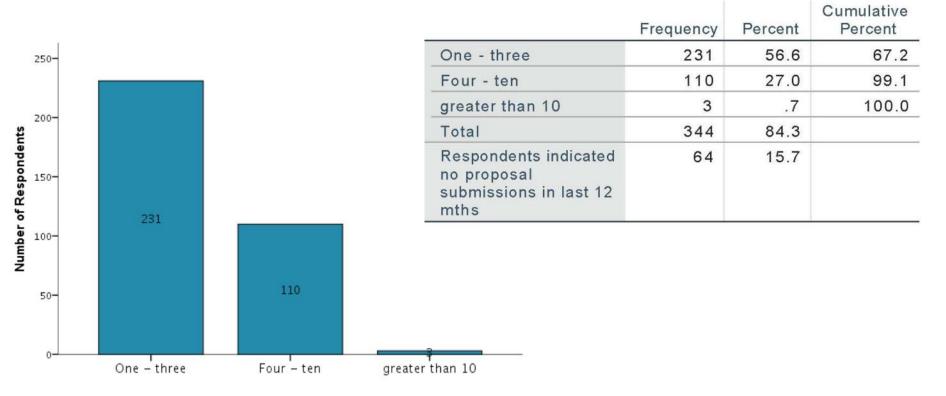
Survey Respondents by Appointment Type

What is your primary appointment type at UC Berkeley?



Survey Respondents by Number of Proposals Submitted

How many research proposals for extramural funding did you submit in the last 12 months?



Number of Years as Researcher at UC Berkeley

How many years have you been a researcher at UC Berkeley?

The average years as a research is 16.8, within a range of 0 years to 65 years.

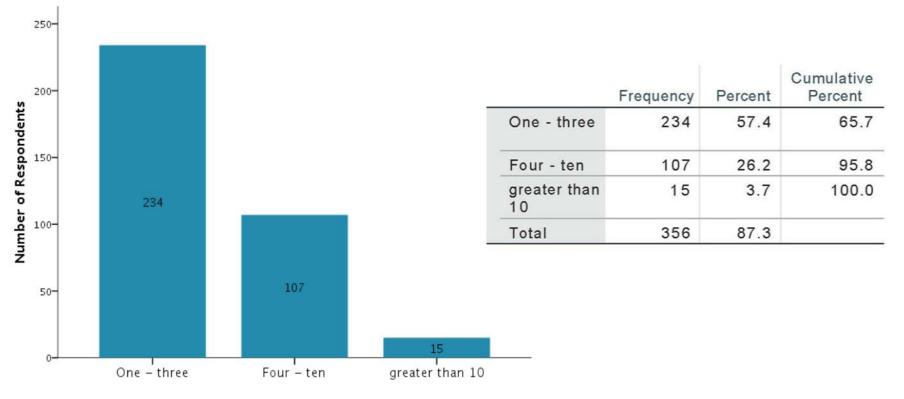
| Mean | 16.8 |
|----------------|------|
| Median | 15.0 |
| Mode | 5.0 |
| Std. Deviation | 12.5 |
| Minimum | .0 |
| Maximum | 65.0 |

75% of respondents have been a research at UC Berkeley for 25 years or less.

| Ν | Valid | 408 |
|-------------|-------|------|
| Percentiles | 25 | 7.0 |
| | 50 | 15.0 |
| | 75 | 25.0 |

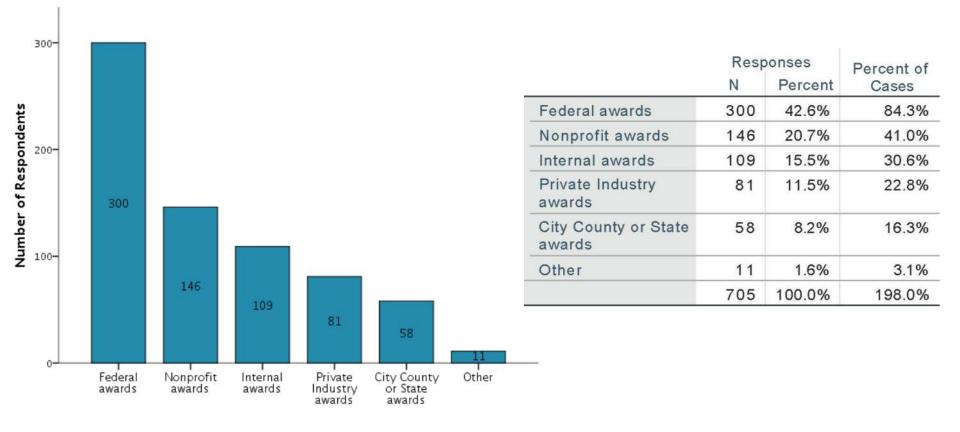
Survey Respondent by Number of Current Awards

Currently, for how many awarded research contracts and/or grants are you the Principal Investigator (Co-PI)?



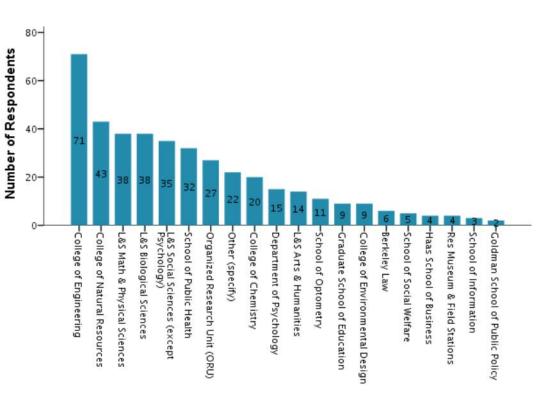
Survey Respondents by Type of Research Funding Awards

What type of funding sources support your current sponsored research?



Respondents by Divisions

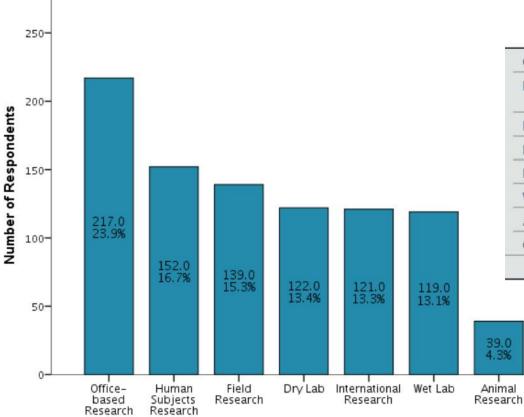
Which is the primary division (i.e., college, school, unit) that you are affiliated with for your research administration?



| Division | % Survey Respondents | % Total Population |
|---------------------------------|-------------------------|-----------------------|
| Organized Research Unit (ORU) | 6.6 | 25.0 |
| College of Engineering | 17.4 | 13.9 |
| L&S Math & Physical Sciences | 9.3 | 9.1 |
| College of Natural Resources | 10.5 | 8.9 |
| L&S Biological Sciences | 9.3 | 7.7 |
| L&S Social Sciences | 12.3 | 7.5 |
| School of Public Health | 7.8 | 4.9 |
| Other (specify) | 5.4 | 3.9 |
| L&S Arts & Humanities | 3.4 | 3.7 |
| College of Chemistry | 4.9 | 3.6 |
| Berkeley Law | 1.5 | 2.5 |
| Haas School of Business | 1 | 2.2 |
| Goldman School of Public Policy | 0.5 | 1.3 |
| Graduate School of Education | 2.2 | 1.2 |
| School of Optometry | 2.7 | 1.1 |
| Res Museum & Field Stations | 1 | 0.9 |
| College of Environmental | | |
| Design | 2.2 | 0.9 |
| School of Social Welfare | 1.2 | 0.9 |
| School of Information | 0.7 | 0.4 |

Respondents by Type of Research

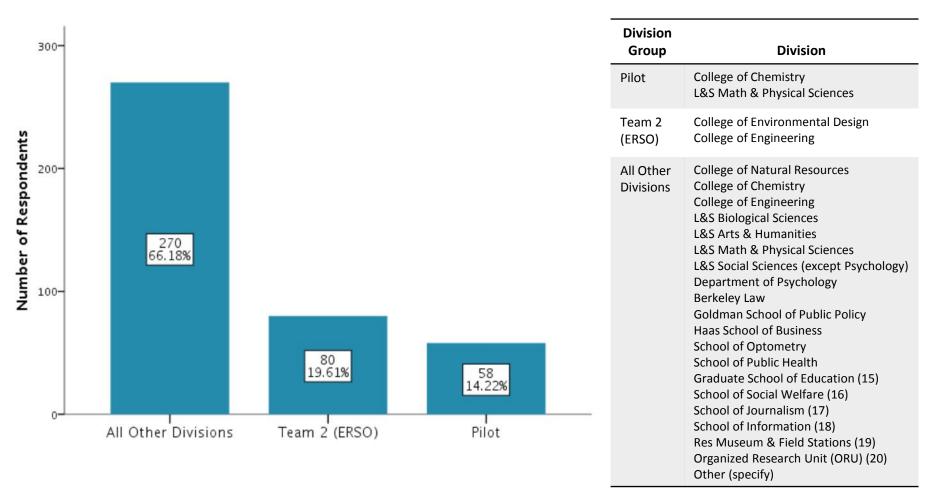
What type of research do you conduct? Check all that apply.



| | Resp | Percent of | |
|-------------------------|------|------------|--------|
| | Ν | Percent | Cases |
| Office-based Research | 217 | 23.3% | 53.2% |
| Human Subjects Research | 152 | 16.3% | 37.3% |
| Field Research | 139 | 14.9% | 34.1% |
| Dry Lab | 122 | 13.1% | 29.9% |
| InternationalResearch | 121 | 13.0% | 29.7% |
| Wet Lab | 119 | 12.8% | 29.2% |
| Animal Research | 39 | 4.2% | 9.6% |
| Other Research | 24 | 2.6% | 5.9% |
| | 933 | 100.0% | 228.7% |

Respondents by Division Group

Divisions were recoded into three Division Groups.



Overall Satisfaction with RA End to End

Overall Satisfaction Summary

- 35% satisfied or somewhat satisfied with RA end to end services and processes
 - Average score: 3.6 (1=satisfied, 5=dissatisfied)
 - 58% dissatisfied or somewhat dissatisfied

- 32% agree or somewhat agree that RA services and processes help them spend more time on research (rather than admin)
 - Average score: 3.5 (1=satisfied, 5=dissatisfied)
 - 58% disagree or somewhat disagree

Overall Satisfaction with RA E2E Services

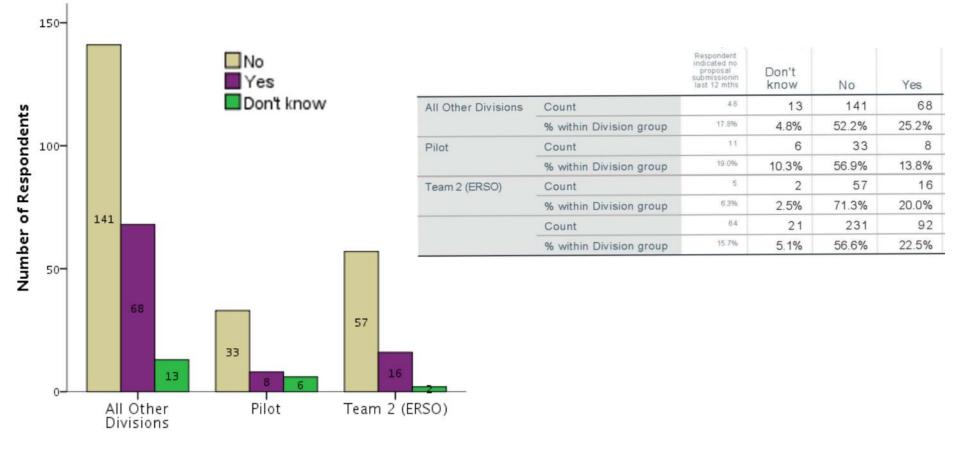
| | Valid Percent | | |
|---------------------------------------|---------------|--|--|
| Satisfied | 13.7 | | |
| Somewhat satisfied | 20.9 | | |
| Neither satisfied nor dissatisfied | 7.8 | | |
| Somewhat dissatisfied | 31.4 | | |
| Dissatisfied | 26.2 | | |
| Total | 100.0 | | |

RA helps PI spend more time on research

| | Valid Percent | | |
|-------------------------------|---------------|--|--|
| Strongly agree | 11.9 | | |
| Somewhat agree | 20.3 | | |
| Neither agree nor disagree | 9.9 | | |
| Somewhat disagree | 23.8 | | |
| Strongly disagree | 34.0 | | |
| Total | 100.0 | | |

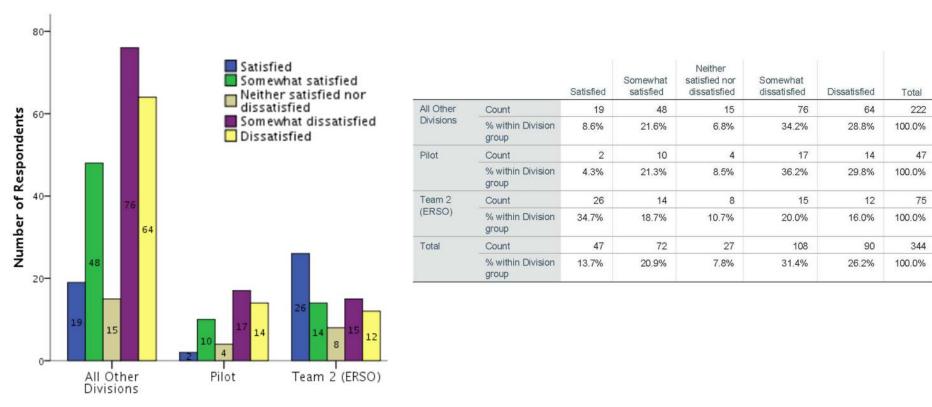
Confidence in Proposal Support Services by Division Group

In the past 12 months, have you ever NOT submitted a proposal because of a lack of faith in the proposal support services?



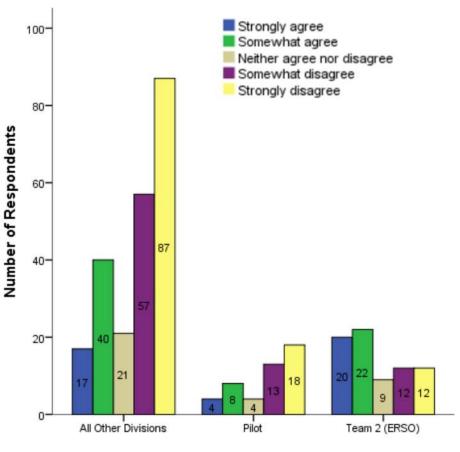
Overall Satisfaction with RA by Division Group

Thinking back over the last 12 months, please rate your overall satisfaction with UC Berkeley services and processes for managing your sponsored research from proposal submission to fund account closeout.



Impact on Research Time by Division Group

Research administration support that you receive at UC Berkeley helps you spend more time on your research (i.e., rather than track down policies and fill out confusing forms).



| | | Strongly agree | Somewhat agree | Neither agree nor disagree | Somewhat disagree | Strongly disagree |
|---------------------|----------------------------|----------------|----------------|----------------------------------|-------------------|-------------------|
| All Other Divisions | Count | 17 | 40 | 21 | 57 | 87 |
| | % within Division group | 7.7% | 18.0% | 9.5% | 25.7% | 39.2% |
| Pilot | Count | 4 | 8 | 4 | 13 | 18 |
| | % within Division group | 8.5% | 17.0% | 8.5% | 27.7% | 38.3% |
| Team 2 (ERSO) | Count | 20 | 22 | 9 | 12 | 12 |
| | % within Division group | 26.7% | 29.3% | 12.0% | 16.0% | 16.0% |
| Total | Count | 41 | 70 | 34 | 82 | 117 |
| | % within Division group | 11.9% | 20.3% | 9.9% | 23.8% | 34.0% |

Overall Service Satisfaction and Drivers of Satisfaction Campus Shared Services RA

Samples of qualitative comments received about CSS RA

"After CSS, I ended up spending more time dealing with grantrelated things, including hiring personnel (filling out forms, etc.) than before. I feel like the University is making the PIs do all the work...and leaving us with very little time to do what we do best...the actual research." "The people we deal with in CSS are constantly changing, and most are overloaded with work..."

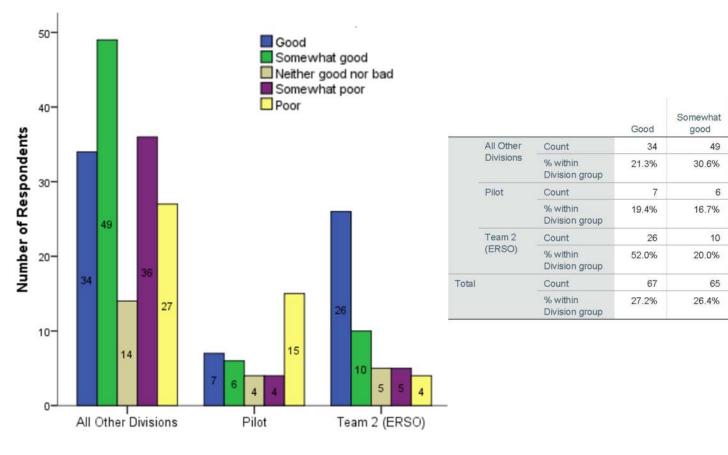
"Generally committed people who are working hard and trying to do their best."

"My individual grants contract manager is amazing."

"My experience with CSS has historically been terrible. This all changed when I began working with a new grant manager who is outstanding. My impression is that the system works well when you have a responsive and hard working and knowledgeable administrator."

CSS RA Overall Service Rating

Thinking back over the last 12 months, please rate your overall experience with CSS RA in developing your research proposals.



Neither good

nor bad

14

4

5

8.8%

11.1%

10.0%

23

9.3%

Somewhat

poor

36

4

5

45

22.5%

11.1%

10.0%

18.3%

Poor

16.9%

41.7%

27

15

4

8.0%

46

18.7%

Total

100.0%

100.0%

100.0%

100.0%

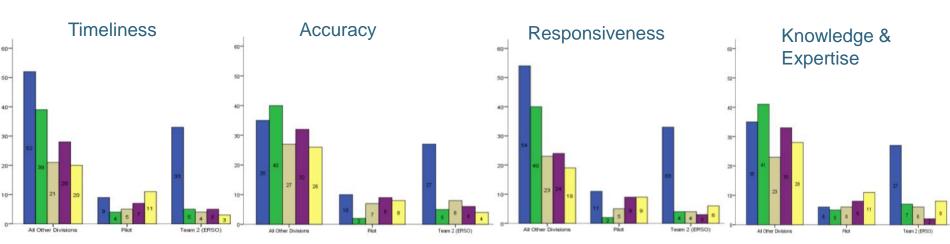
160

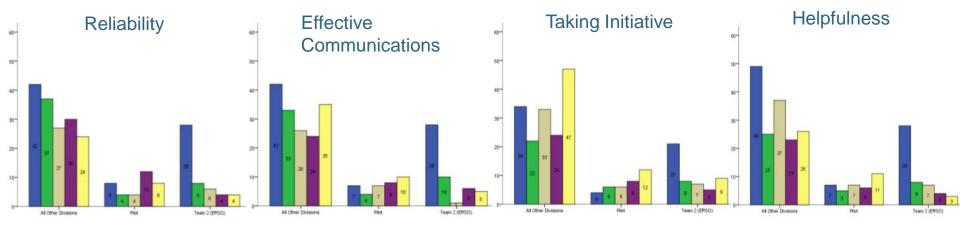
36

50

246

CSS RA Pre-award Satisfaction Drivers by Level





RA E2E Service Satisfaction Survey 2017

Satisfied

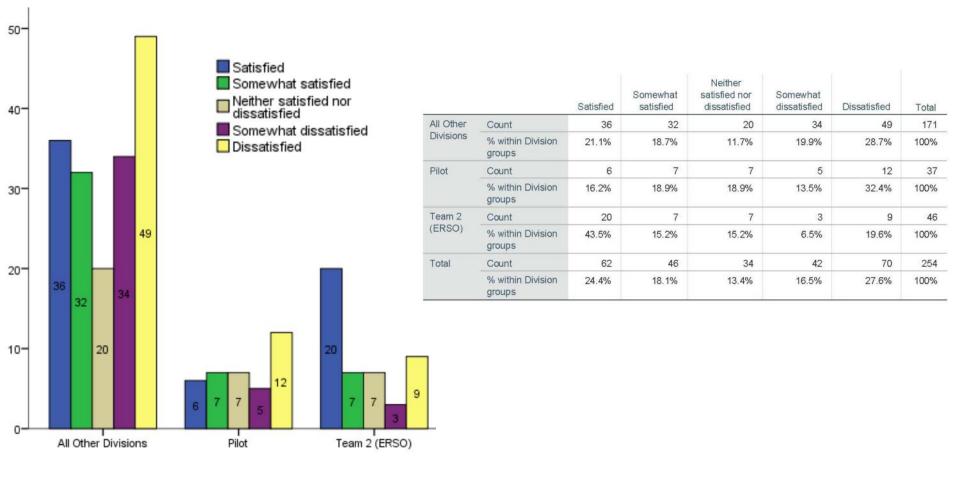
Dissatisfied

Somewhat satisfied Neither satisfied nor dissatisfied

Somewhat dissatisfied

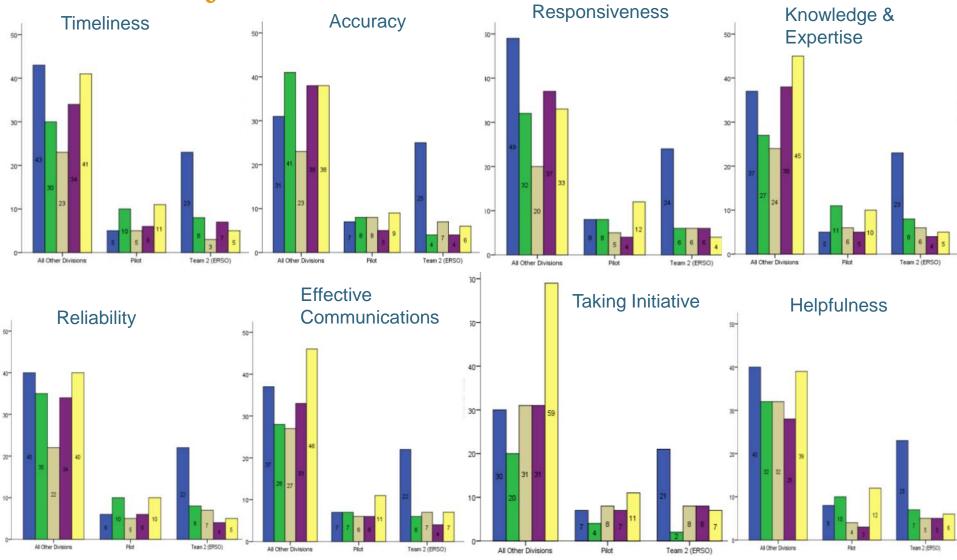
CSS RA Post-award Overall Satisfaction

Please rate your satisfaction level with CSS-RA in managing your contracts and grants award funding.



CSS RA Post-award Satisfaction Drivers by Level

 Satisfied
 Somewhat satisfied
 Neither satisfied nor dissatisfied
 Somewhat dissatisfied
 Dissatisfied



RA E2E Service Satisfaction Survey 2017

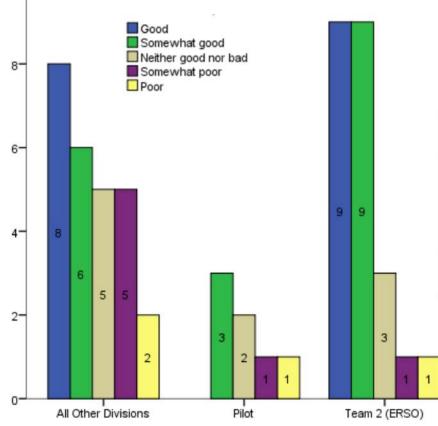
Overall Service Satisfaction and Drivers of Satisfaction Industry Alliances Office

Sample of qualitative comments received about IAO

"The IAO Office is very, very good. A great example of how research administration should work at Berkeley." "Promote greater coordination between SPO and IAO. They don't seem to know who needs to do what or coordinate their efforts very well."

IAO Overall Service Rating

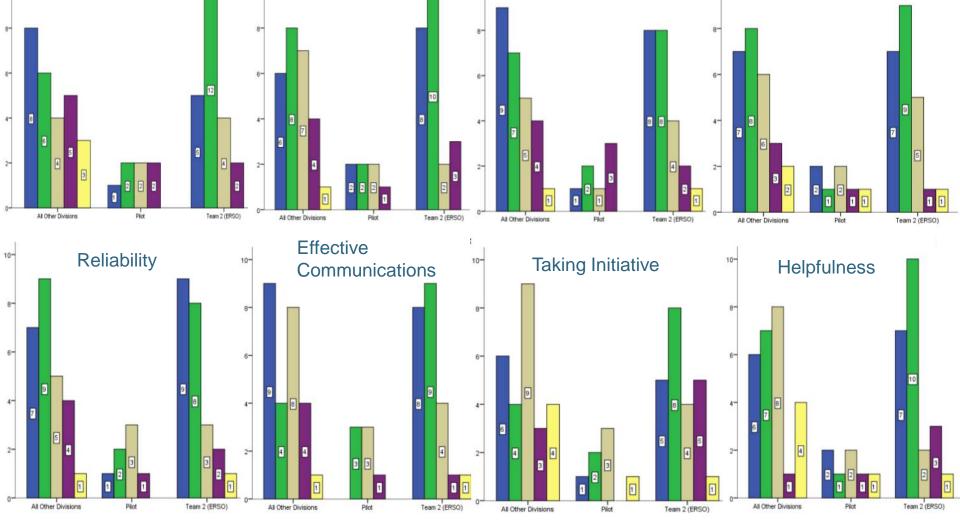
Thinking back over the last 12 months, please rate your overall experience with IAO in reviewing and submitting your research proposals.



10-

| | | Good | Somewhat good | Neither good nor bad | Somewhat poor | Poor | Total |
|------------------|-------------------------|-------|------------------|-------------------------|---------------|------|--------|
| All Other | Count | 8 | 6 | 5 | 5 | 2 | 26 |
| Divisions | % within Division group | 30.8% | 23.1% | 19.2% | 19.2% | 7.7% | 100.0% |
| Pilot | Count | 0 | 3 | 2 | 1 | 1 | 7 |
| | % within Division group | 0.0% | 42.9% | 28.6% | 14.3% | 14% | 100.0% |
| Team 2 (ERSO) | Count | 9 | 9 | 3 | 1 | 1 | 23 |
| | % within Division group | 39.1% | 39.1% | 13.0% | 4.3% | 4.3% | 100.0% |
| Total | Count | 17 | 18 | 10 | 7 | 4 | 56 |
| | % within Division group | 30.4% | 32.1% | 17.9% | 12.5% | 7.1% | 100.0% |

IAO Satisfaction Drivers by Level Accuracy Timeliness Knowledge & Expertise Responsiveness



RA E2E Service Satisfaction Survey 2017

Satisfied

Dissatisfied

Somewhat satisfied Neither satisfied nor dissatisfied

Somewhat dissatisfied

Overall Service Satisfaction and Drivers of Satisfaction Sponsored Projects Office

Sample of qualitative comments received about SPO

"I find that [SPO] are focused mainly on protecting the University and that they don't prioritize being helpful to PIs."

"SPO approval of proposals is very slow."

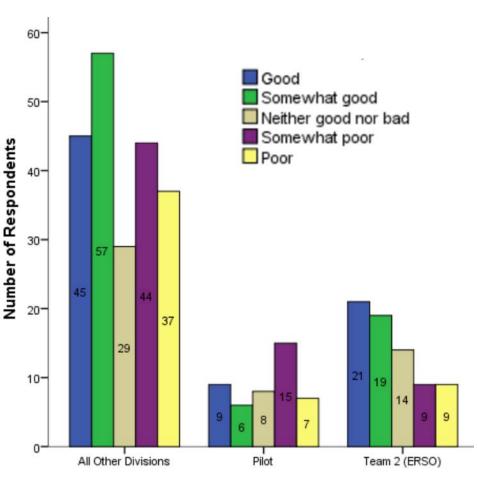
"I have found SPO to be consistently effective." *"SPO needs to staff up to provide more timely, respectful service."*

"SPO is great at submitting new grants...no concerns there."

"Seems very hard to have an actual conversation with SPO...lots of emails." "Despite receiving grants 2-3 weeks before deadlines, it appears everything is submitted at the last minute via SPO greatly increasing stress and leaving no room for error. In the last few months it has improved...'

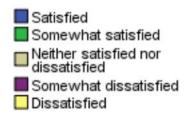
SPO Overall Service Rating

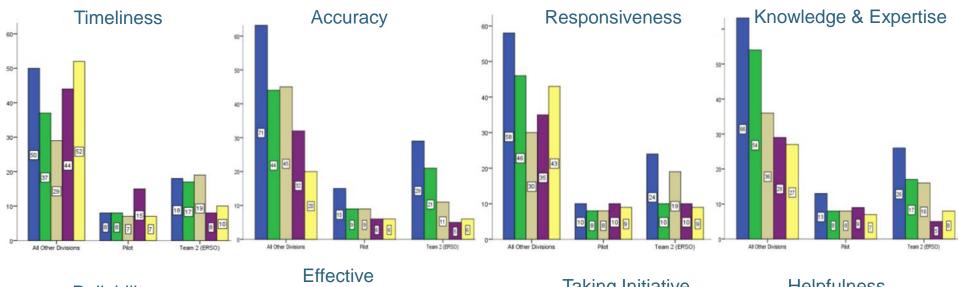
Thinking back over the last 12 months, please rate your overall experience with SPO in reviewing and submitting your research proposals.

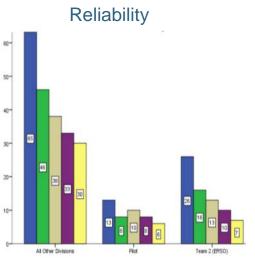


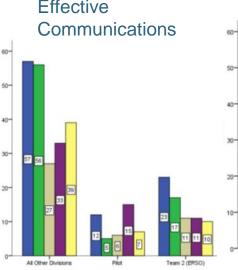
| | | Good | Somewhat good | Neither good nor bad | Somewhat poor | Poor | Total |
|------------------|-------------------------|-------|------------------|-------------------------|---------------|-------|-------|
| All Other | Count | 45 | 57 | 29 | 44 | 37 | 212 |
| Divisions | % within Division group | 21.2% | 26.9% | 13.7% | 20.8% | 17.5% | 100% |
| Pilot | Count | 9 | 6 | 8 | 15 | 7 | 45 |
| | % within Division group | 20.0% | 13.3% | 17.8% | 33.3% | 15.6% | 100% |
| Team 2 (ERSO) | Count | 21 | 19 | 14 | 9 | 9 | 72 |
| | % within Division group | 29.2% | 26.4% | 19.4% | 12.5% | 12.5% | 100% |
| Total | Count | 75 | 82 | 51 | 68 | 53 | 329 |
| | % within Division group | 22.8% | 24.9% | 15.5% | 20.7% | 16.1% | 100% |

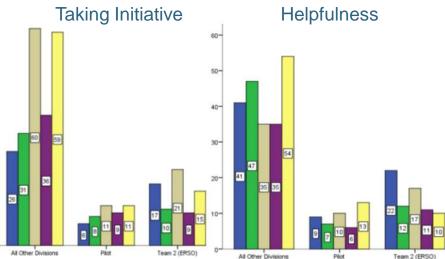
SPO Satisfaction Drivers by Respondent Count











RA E2E Service Satisfaction Survey 2017

Overall Service Satisfaction and Timeliness of Invoicing Contract & Grants Accounting

Sample of qualitative comments received about CGA

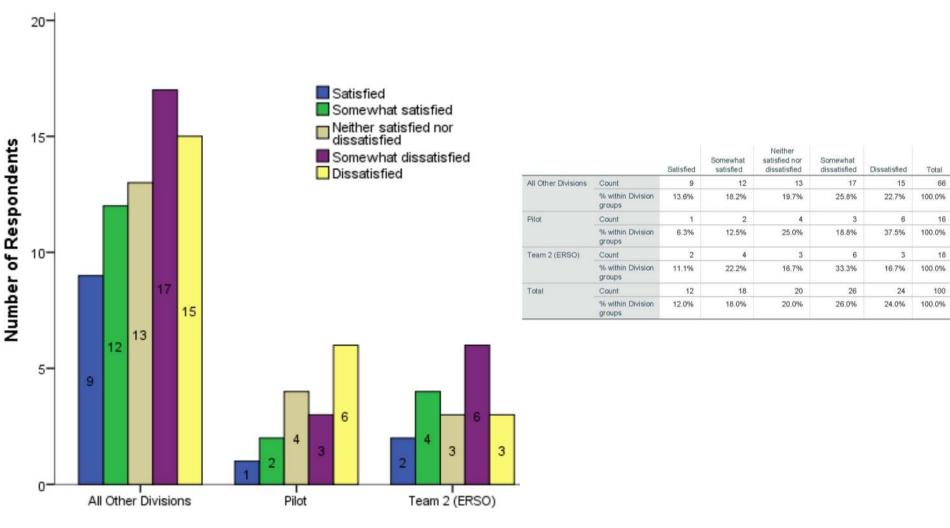
"I think the fiscal accounting is good and reliable."

"CGA...take an adversarial attitude rather than being supportive of research activities." "...I regularly receive complaints from funding agencies that they do not receive timely invoices. They also...do not seem to care about facilitating research."

"CGA must stop automatic invoicing of clients that require a quarterly report with the invoice." "CGA has on several occasions closed out grants that still have \$ in them without contacting us and giving us a chance to spend down...they are good people trying to do good work...I sense that they can often get overworked and tied up in bureaucracy."

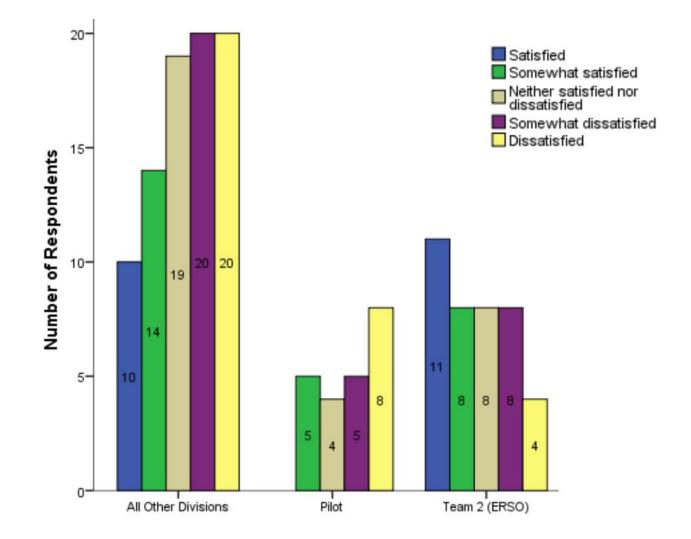
CGA Overall Service Satisfaction

Please rate your satisfaction with services provided to you by CGA.



CGA Timeliness of Invoicing

Please rate your satisfaction with the timeliness of the invoicing of the sponsors of your contracts and/or grants awards.



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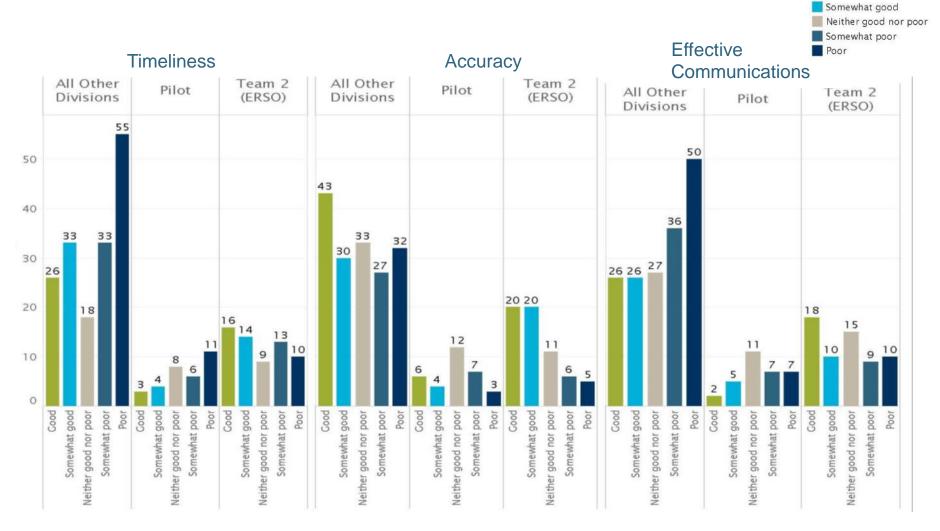
Satisfaction with specific RA processes

RA Processes

RA E2E Service Satisfaction Survey 2017

Award Set-up

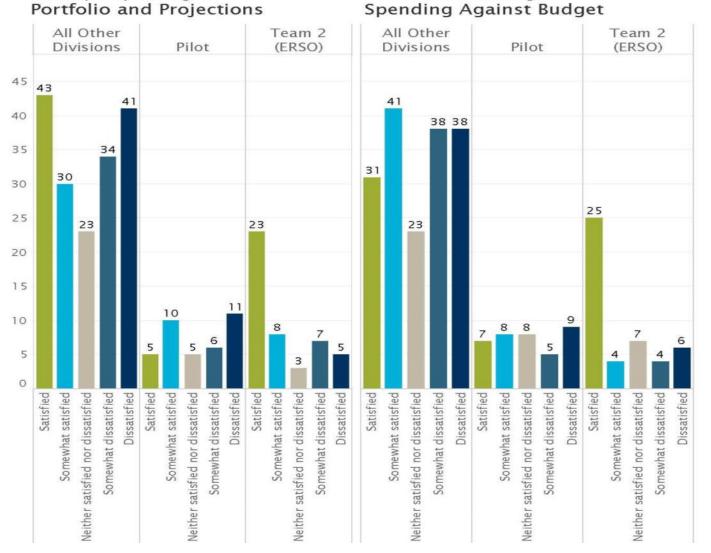
Thinking back over the last 12 months, how do you rate the set-up of your awards in the period of time after your award was negotiated/accepted to when you were able to start spending money



Post-award Reporting

Timely Reporting of



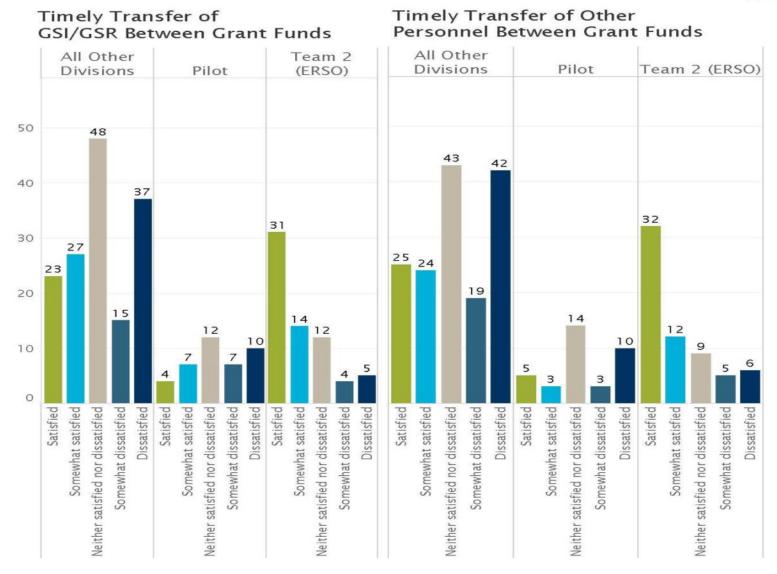


Accurate Tracking of

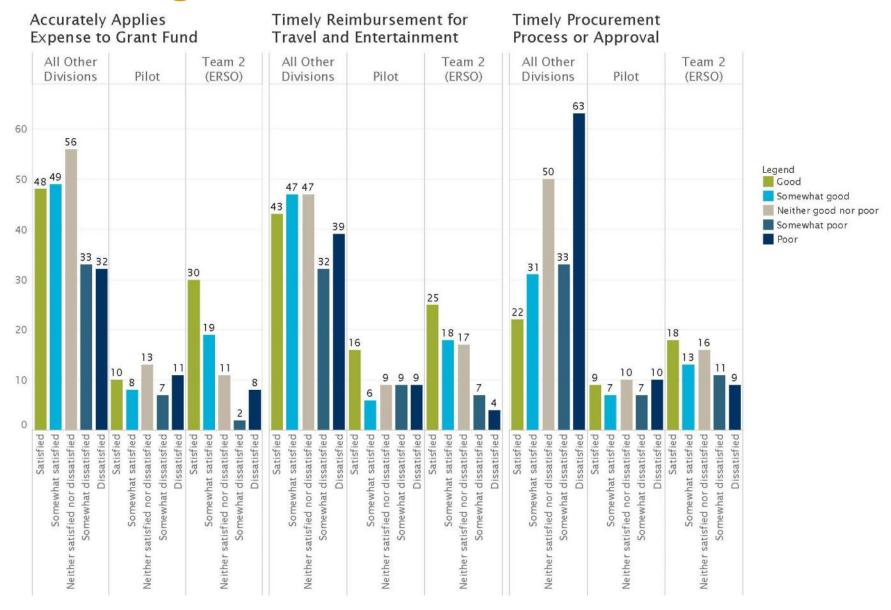
RA E2E Service Satisfaction Survey 2017

Post-award spending management

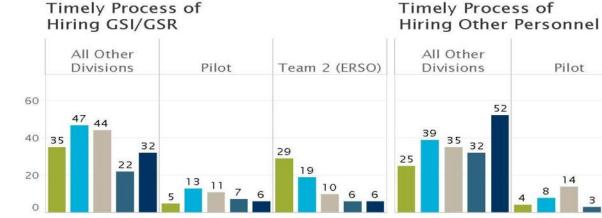
Good Somewhat good Neither good nor poor Somewhat poor Poor



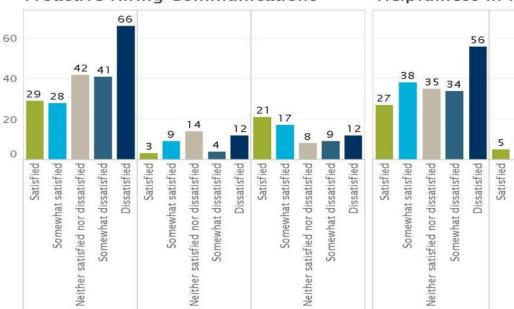
Purchasing, Reimbursement, Procurement

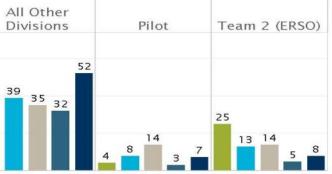


Human Resources

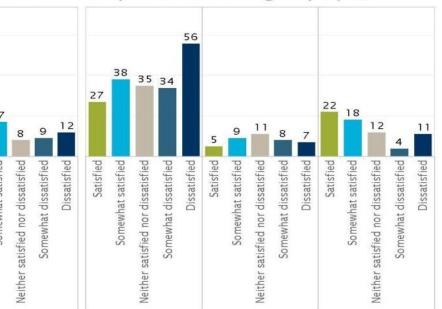


Proactive Hiring Communications



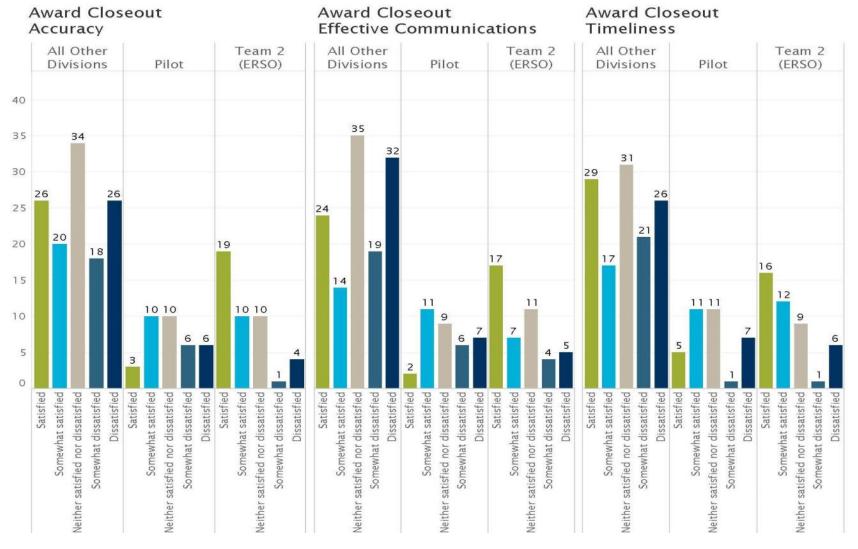


Helpfulness in Hiring Employees



Award Closeout

Good Somewhat good Neither good nor poor Somewhat poor Poor



Free-form Text Questions Summary

Qualitative Responses Summary

Qualitative Responses

| Respondents were asked 3 optional, free-form text questions: | Of the 408 survey respondents |
|--|-------------------------------------|
| What specific ideas do you have to improve research administration at UC Berkeley? | 303 answered |
| What works well in the research administration process at UC Berkeley? | 244 answered |
| Any additional comments? | 159 answered |

The results were analyzed by a small team using an inductive, open-coding content analysis to uncover **most frequent types** of responses and major themes or patterns.

Similar major themes were found across all three questions, and are combined in the summary results.

Success depends on the individual RA

- Performance of individual CSS RA's impact PI's research administration service quality experiences.
 - Responses often mentioned specific individuals with either outstanding work or poor performance
 - Respondents frequently reported CSS RAs to be friendly and willing to help but not always trained or competent
 - Similar theme expressed for SPO staff, though less frequently
- Respondents commonly expressed concern about CSS RAs being overworked and overwhelmed

"I have found marked differences in the expertise and competence in the staff in Campus Shared Services."

"Research administration support requires dedicated staff. I understand that we are in a budget crunch, but having less admin support means that researchers and faculty have to spend more of their time on things other than research--on details that should be taken care of by skilled, intelligent research administration support staff who are well-trained and not stretched too thin."

"There is also huge variation in quality of service from different post-award RA people. Somehow the sending of account statements should be monitored to ensure these are sent at least once every two months."

"ERSO has been fantastic if you work with a good administrator. I have had 5 different administrators in 7 years. Now I have a truly fantastic person and everything works smoothly!"

"Without [my CSS RA] putting in extra hours to follow up on all the broken pieces of HR and other administrative hurdles, things would fall apart."

PIs want stable relationship with RAs

- High staff turnover rate of CSS RAs impacts relationship with PI, portfolio knowledge retention, and process quality
 - Commonly expressed a desire to reward and retain through compensation high-performers
 - Perceptions of no consequences for poor performance because they are reassigned within the organization
 - Decentralization frequently suggested as one way to improve accountability between RA and PI
- Pls value having personal connections of trust with RA
 - Personal relationship with face-to-face interactions with their RA, especially as opposed to communicating solely through email
 - Placing CSS and other research staff "closer" (both physically, and in terms of experience/personal interactions) to PIs and the research team

"My research administrator [redacted] is AMAZING, please compensate her well."

"Reward people taking initiative, even if they occasionally get it wrong. it is very important to feel like I have someone THINKING about my needs, not just pushing paper."

"Grant proposal preparation is improving. but what would really help is to have a real person to interact with face to face who could take responsibility for managing the whole research portfolio instead of multiple confusing everchanging people performing different tasks."

"Having people physically proximate to PIs, with subject area and contextual knowledge is key."

"It was easier to communicate when the staff were in the same building..."

SPO Processes

- Positive feedback on specific SPO staff
- Pls not feeling like partners in processes with SPO
 - Perceive SPO as not helpful or flexible in the process
 - Expressed desire for SPO attitude of helping the PI not hindering research efforts for "red tape rules"
- SPO commonly perceived as too slow in setting up sub-awards, providing proposal feedback, and negotiating and setting up awards
 - Reportedly months behind schedule in some cases
 - Perceived as embarrassing and detrimental to other institutions
 - Perceived risk loss of funding
 - Stated late in spending funds affects the research project
- Reported poor communication and/or too much emailing
- **Grants portal is not transparent** about the process for PI to anticipate proposal feedback

"Sub-contract management by SPO is actually a risk we've nearly lost major subcontract funding because of delays in SPO."

"I realize the rules must be enforced and we need to have the rules, but SPO isn't very good at helping me figure out the right way to do something – 'no, you can't do that is usually as far as it goes.""

"SPO is understaffed, and thus creates bottlenecks at multiple points in the grant process."

"Overall there seems to be little ...understanding of the special concerns of units that get funding from foundations and other non-federal sources. I understand those sources don't bring in the lucrative indirect costs that federal grants do, but they are the only available source of funding for many types of studies."

"We should initiate a 'sampling' model, rather than run full compliance on everything we touch."

Post-award processes impacting the research process

Hiring Processes Hinder Research

- Frequent reports of very slow process for hiring students, postdocs, and contractors with real impacts on research.
 - impacts students getting paid on time, which creates personal hardships for these individuals.
 - Delays in hiring postdocs once the individuals are identified can either impact research project timeline or it cost good candidates that take a position with another institution.
- Setting up and executing vendor contracts was noted as prohibitively slow, and impacted timely hiring of contractors to conduct research.

"I have routinely had my student employees not be paid, have had appointments terminated before the original appointment date, was unable to post ads (i.e. ServiceNow simply cancelled my request and wouldn't tell me why), and am generally unable to get answers to why this has happened... This is the number one factor that makes me unenthusiastic about submitting future grants through UC"

Post-award processes impacting the research process

Simplify Spending of Funds

- Reports of too many approvals causing reimbursements and purchasing of supplies and equipment to take too long to meet project needs.
 - However, in some cases, it was noted that reimbursements for travel had improved recently.
- Reports of too many forms to select from in Bear Buy make it difficult to use.
 - More support for faculty in this area was frequently recommended.

"At my previous institution, there was one staff review and most orders were sent to the vendor the day I submitted them."

"...intensively use PI Portfolio and even so, at times my grants or contracts are not associated with me due to mistakes in setting up chart strings, so I effectively have to run a shadow book-keeping system."

"I don't feel like I have clear support for and information about tracking expenses relative to my grant, although this may be partially my fault for not trying hard enough to use the tools that are available to me."

Improvements in Managing Budgets

- Mixed reviews for post-award administration.
 - In some cases, respondents report that reporting doesn't exist for them while others were satisfied with post-award
- PI Portfolio often reported as an improvement in tracking expenses to budget reporting, but still needing some work.
 - Not transparent enough; difficult to interpret in some cases.
- Suggestions for reports be more user-friendly for PI perspective
 - e.g., "chartstring" doesn't necessarily mean anything to a Pl
- Comments around more comprehensive financial planning support such as spend rate projections

Additional ideas for improvement

Multiple respondents expressed needs/desires for the following:

- Grant writing support
- Checklist with clear steps for common funding applications
- Digital signatures
- New faculty need to be matched experienced RAs and/or provided extra help with proposal process
- Improvement of the human subjects approval process;
- More timely and communicative invoicing and award closeout services from CGA

"It would be helpful to have a check list of forms, documents, templates for common NIH or NSF applications, especially for Jr. Faculty ... "

"...checklists/requirements that were maintained by SPO or CSS, so that when a PI says to CSS, "I'm applying for XXX funding," the PI would receive a checklist for that (common) funding mechanism."

"Reduce turnover."

"Processing timelines need to be revised in order to ensure reliable processing of requests submitted early."

"Assign experienced RAs to new faculty."

"Permit expenditures up to a threshold."

"Make Phoebe simpler."

"Reward and retain talented staff."

Perceived Impact of RA processes on PIs Time & Proposal Submission Motivations

- Pls expressed an increase in the amount of time they need to devote to research administration to make up for deficiencies in RA process
 - PI have to put in extra time to manage confusing, opaque processes and/or unclear roles of individuals
 - Want one point of contact; people and procedures change too much for clients to keep up
 - Don't understand how HR, RA, purchasing/ reimbursements are divided in CSS
- Others expressed choosing not to submit grants at UCB or via CSS if possible because the process is too challenging
 - Some respondents reported that perceived poor RA has led high-quality individuals to leave or seriously consider leaving UCB
- Some expressed a perception that humanities PIs do not receive as good RA support as sciences PIs

"...feels like a confusing swirl of people because we never see them in person."

"Well, first of all, I have no idea with the invention of 'CSS' where my grants are or who administers them."

"I run nearly all of my grants through IRLE... I cannot overstate what a huge difference having the assistance of the non-CSS non-SPO staff at IRLE has made... If I had to work directly with CSS/SPO, I simply wouldn't be doing funded research."

"I had such a hard time applying to one state grant agency ... that I have vowed not to do that again. In the sciences there is experienced staff to help; not in the humanities."

"I am disinclined from applying for additional funding with CAL as the primary awardee. I know many others who are seeking other institutions through which to run grants."