

# Appendix A - COGR Survey on Research Quality

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## 1) General Information\*

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_

Title: \_\_\_\_\_

Institution: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**2) Which of the following resources are offered centrally at your institution to help ensure research quality? Check all that apply. Please provide applicable links if available in the comment box below.**

Computing

Biostatistical/statistical

Data Analysis

Data Management

Mentoring

Training in rigor and reproducibility, fundamental principles of rigorous research, or other issues related to research quality (Do not include RCR, IRB, IACUC or other compliance training)

Protocol Templates

Grant proposal development support

Lab management support, such as resources to help PIs with managing the resource team

Central web repository of resources for enhancing research quality

Library resources on research data management, publishing services, etc.

Software and Data Carpentry workshops

Other - Write In (Required): \_\_\_\_\_ \*

**Comments:**

**3) Are some of these services offered:**

- Free of charge
- On a charge back basis
- Some are free, some are charged back

**4) Does your institution offer institutional resources to help researchers meet NIH's rigor and reproducibility proposal requirements?**

**Select One**

- Yes
- No
- Unsure

**If yes, what resources are offered? Please describe and provide a link if available.**

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**5) Does your institution have a specialized biostatistical or other statistical support group/unit on your campus?**

**Select One**

- Yes
- No
- Unsure

**Is it through a CTSA or a unit serving the entire campus?**

CTSA

Unit Serving Entire Campus

How many biostatistical or other statistical consults were completed in the last year?:

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**What resources are offered and when are these services provided (e.g. at the time of proposal, IRB application, etc.)? Please describe and provide a link if available.**

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**(untitled)**

**6) Does your institution maintain a repository or repositories where researchers may deposit data in response to public access requirements or a desire to make data openly available?**

**Select One**

Yes

No

Unsure

**If yes, does your institution recommend or require that the data and code be made available to others, where possible?**

Recommend

Require

Neither

Unsure

**Comments:**

**7) Does your institution incentivize reproducibility and transparency efforts for research projects (e.g. special funding, promotions, badges, etc.)? If yes, please explain in comments.**

Yes

No

Unsure

**Comments:**

**8) Do individual departments at your institution provide substantive reviews of research proposals for quality of design prior to submission for funding?**

Yes

Yes in some departments

No

Unsure

**Comments:**

**9) Are graduate students in the sciences or social sciences offered training in fundamental principles of rigorous research at your institution? (Note: Please do not include RCR training in response to this question.)**

**Select One**

Yes

No

Unsure

**Please describe:**

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**Is the training required?**

- Yes
- No
- Unsure

**10) Are there efforts to raise awareness of rigorous approaches to research such as randomization of subjects, blinding of data analysis, sample size estimation, and replication of experiments at your institution? If yes, please describe in comments.**

- Yes
- No
- Unsure

**Comments:**

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**(untitled)**

**11) What actions does your institution take to promote transparency in reporting scientific outcomes, including reporting of blinding, randomization, inclusion and exclusion criteria, how outliers were handled and other methodological details necessary to assess and reproduce published findings?**

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**12) Does your institution offer training, resources or other support on issues that may affect the rigor and reproducibility of research, such as:**

**The impact of biological variables such as sex, age, weight, and health status of animals in their studies and publications?**

Yes

No

Unsure

**Authentication of key resources such as cell culture lines, antibodies, genotype of transgenic animals?**

Yes

No

Unsure

**Identification [and tagging] of key resources in manuscripts and grants?**

Yes

No

Unsure

**Comments:**

**13) What other resources does your institution provide your research community to ensure research quality? What other resources do you think would be helpful?**

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**14) How many offices did you need to approach to gather data for this survey?**

- 1
- 2-5
- 6-10
- More than 10

**15) Approximately what percentage of your responses were obtained through your institution's website?**

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**16) Additional Comments?**

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**Thank You!**

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