

GLEON Fellowship Presurvey Jan 2013

Fellowship Demographic Information

Thank you for participating in this survey about the GLEON Fellowship Program. Your participation in this survey is completely voluntary. There is no penalty for not participating. All of the information, responses and data from you will be de-identified to the fullest extent possible to protect your confidentiality. None of the working data used by the researchers will have your name associated with it. No tracking data (e.g., IP addresses, e-mail addresses) are being collected and data are encrypted to prevent fraudulent use. If you have any questions about the security of these data or your anonymity, please contact Carol Brewer at Prarie.Ecotone@gmail.com.

The results of this survey will be shared with the program directors as well as the NSF as part of the program assessment activities. Data collected during this survey will be compared with data collected at the end of the academic year.

We anticipate that it will take approximately 30 minutes to respond to the questions on this survey, and we look forward very much to your input on all of them. On behalf of the GLEON Fellowship Program, thank you very much for your participation.

Carol Brewer
Program Evaluator

1. Please identify your primary and secondary fields of expertise

	Primary	Secondary
Limnology	<input type="radio"/>	<input type="radio"/>
Aquatic Biology	<input type="radio"/>	<input type="radio"/>
Biogeochemistry	<input type="radio"/>	<input type="radio"/>
Ecology	<input type="radio"/>	<input type="radio"/>
Information Technology	<input type="radio"/>	<input type="radio"/>
Database Management	<input type="radio"/>	<input type="radio"/>
Engineering	<input type="radio"/>	<input type="radio"/>
Modeling	<input type="radio"/>	<input type="radio"/>
Mathematics	<input type="radio"/>	<input type="radio"/>
Statistics	<input type="radio"/>	<input type="radio"/>
Science Education	<input type="radio"/>	<input type="radio"/>
Other (please specify below)	<input type="radio"/>	<input type="radio"/>
Name of other field	<input type="radio"/>	<input type="radio"/>

Other (please specify)

GLEON Fellowship Presurvey Jan 2013

***2. What is your current educational status? Check all that apply.**

- BS or BA Completed
- MS or MA Completed
- PhD In Progress
- PhD Completed

Other (please specify)

***3. The NSF asks that we provide data on the ethnicity of program participants. Please choose all that apply.**

- Hispanic/Latino American or Hispanic/Latino
- Asian American or Asian
- Pacific Islander
- Native American
- African American or African
- Caucasian
- Prefer not to answer

Other (please specify)

***4. Gender (requested for reporting to the NSF)**

- Female
- Male
- Transgendered
- Other
- Prefer not to answer

5. Please list any professional development workshops or institutes and courses you have participated in during the last year that relate to your GLEON Fellowship.

Research

*6. How comfortable are you with using the following activities, practices and/or strategies in your research?

	Not at all comfortable	Slightly uncomfortable	Somewhat comfortable	Reasonably comfortable	Exceptionally Comfortable
Working as part of a teaching team in your disciplinary area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working on interdisciplinary teaching teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Designing and conducting network science in international teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using globally distributed sensor networks to observe the environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manipulating large data sets from diverse sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integrating large data sets from diverse sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Modeling large data sets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using cyberinfrastructure to solve compute-intensive problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Publishing the results of your research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communicating the results of your research to diverse audiences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing a leadership role on a team	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using systems thinking to solve complex problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Managing "cross-lab" research teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working with colleagues from diverse cultural backgrounds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working with colleagues from diverse academic backgrounds and fields	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assessing success of collaborative projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

GLEON Fellowship Presurvey Jan 2013

Designing sensor platforms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data streaming and IM	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Querying large data sets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Obtaining data from other sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gap filling, aggregation and interpolation of large data sets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transforming time and frequency data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scale-partitioning of data (wavelets)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Innovating black/grey-box models	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accessing and using distributed computing (Condor)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Framing scientific research for public understanding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evaluating scientific processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using Mat-lab	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using "R"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advanced Algebra	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Calculus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Parametric statistics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nonparametric statistics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

GLEON Fellowship Presurvey Jan 2013

***7. Overall, please rate each of the following in terms of the extent they do or could influence how you integrate network science into your current or future research.**

	Limits or constrains my research	No Impact on my research	Promotes or supports my research
The availability of useful data sets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The opportunity collect my own datadata	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research grant support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Support from my research advisor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The requirements of my dissertation program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My statistic knowledge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My programming knowledge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My mathematical knowledge or skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adequate time for exploring available data sets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Colleagues for collaboration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My motivation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My confidence in using other researcher's data sets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The training I have received in college	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The training I have received from professional development experiences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Practical wisdom and skills from my research experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

GLEON Fellowship Presurvey Jan 2013

8. Please select all of the responses that apply to the following questions related to research you have conducted:

	Undergraduate research	Masters degree research program	PhD research program	Other research program (please describe below)
Authored or co-authored a scientific paper published in a peer-reviewed journal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Currently writing or co-writing a paper for publication in a peer-reviewed journal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Currently have a scientific paper in review or in press	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wrote a grant proposal to fund my research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Received funding for a grant proposal I wrote for my research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wrote a senior thesis as an undergraduate in science field	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Presented research results at a national scientific conference	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Presented research results at an international scientific conference	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Received local, national, or international press coverage for your research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Received an award for your research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Presented research results to a public non-scientist audience	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other (please specify)

9. What is your planned career path after completing your current degree program?

Other Feedback

10. What are your two or three greatest concerns about participating in the GLEON Fellowship Program?

First Concern

Second Concern

Third Concern

11. What are your two or three most important personal goals for participating in the GLEON Fellowship Program?

First Personal Goal

Second Personal Goal

Third Personal Goal

12. What two or three questions would you like to have answered by the Program staff before the end of the January Institute?

First Question

Second Question

Third Question

13. Do you have any other comments to share with the GLEON Fellowship Program leaders? If so, please note them here.