GLEON Graduate Student Fellows Program

Training the next generation of macrosystem scientists in analytical, synthesis, and human network skills

Leaders

Program Leaders
- Weathers, Hanson, Cole, Hong, Read

Assessment

-Audience: Fellows, Advisors, Collaboratory Leaders, Staff
- Formative: Document & review program activities; use to direct/redirect as needed
- Summative: Program quality & breadth; participation; impact on Fellows’ careers
- Impact: Profile of project indicators; comprehensive review; lasting lessons; potential for adaptation/adoPTION nation-wide

Transformations of a GLEON Fellow
-Skilled in network research and analytical methods
-Leaders and members of international teams
-Drivers of organization innovation
-Communicators of network science

Outcomes

-Leadership skills for a new generation of network scientists
-Lifelong cohort and collaborators
-Enhanced dissertation research
-Cutting edge syllabi to teach network science
-Communication tools and strategies for diverse audiences
-New training model and materials for observatory networks and faculty advisors
-Peer reviewed publications and presentations capitalizing on network science

Skills

Collaboratories
- Collaborative team science
- Lake function and global change
- Complex dataset synthesis
- Organizational innovation and change
- Scientific teaching
- Science communication at the interface

Advisors

Fellows’ Primary Research Advisors
- Updated regularly by cohort
- Provide formative and summative program feedback

Advisory Committee
- Sturner, Aldo Leopold
- Grotzer, Harvard
- Brewer (assessment), GLEON GSA Leaders

Recruitment

Call for applicants October 2012
- Graduate students
- GLEON related research
- ASLO, SACNAS, WEBS, SEEDS
- GLEON member faculty

Program

Communication and Mentoring
- Cohort communication via social media and online collaboration tools
- Teleconferences (monthly for Fellows and quarterly for Advisors & Fellows)
- GLEON All-Hands meetings and workshops