

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 indi-
cators; comprehensive review;
lasting lessons; potential for
adaptation/adoption nation-
wide

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

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

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 quar-
terly for Advisors & Fellows)
-GLEON All-Hands meetings and workshops