How to Support Gateways via Community Building: Join the Gateway Ambassadors

SGCI Webinar
December 11, 2019
Collaborations on Science Gateways Make Challenges Less Steep

- Great visibility for the institution’s research activities
- Synergy effects between projects
- Shared resources, costs and expertise across departments
- Lower learning curves
- Expertise that is otherwise difficult for individual projects to obtain
Do you want to share advanced software or digital products for research or teaching?

You probably benefit from a science gateway!
Do you need people with knowledge about data preservation, data lifecycle, and with programming skills?

Digital librarians are probably a great fit for this skill set.
Do you need people with knowledge about machine learning, metadata, ontologies, statistics?

Data scientists are probably a great fit for this skill set.
Community Building

Do you need people with knowledge about how to access HPC resources, VMs, containerization, distributed data management?

HPC specialists are probably a great fit for this skill set.
Community Building

Do you need people with knowledge about project management, marketing, outreach?

Business specialists are probably a great fit for this skill set.
Gateway Ambassadors

Community builders

• creating a network between people, experts, and resources

Members of a professional community

• Community activities
  • learning from peers
  • sharing information

• Ambassador activities
  • meeting with individuals
  • hosting awareness sessions

“We like to bring together people from radically different fields and wait for the friction to produce heat, light and magic. Sometimes it takes a while.”
Initiatives with Community Builders

- ACI-REF Virtual Residency
- Coalition for Academic Scientific Computation
- Campus Research Computing Consortium (CaRCC)
- Campus Champions
- CyberAmbassadors
- Internet2
- Linux Clusters Institute
- Research Software Alliance (ReSA)
- SIGHPC Education Chapter
- Software & Data Carpentry
- Science Gateways Community Institute (SGCI)
- UK Research Software Engineer Society
- US Research Software Engineer Association (US-RSE)
- US Research Software Sustainability Institute Conceptualization (URSSI)
- ...
Success Stories with Different Foci and Outreach Measures

- Annelie Rugg
  Director & Humanities CIO, UCLA
- Julian Pistorius
  Engineer, Research Computing and founder of ResBaz, The University of Arizona
- Gwen Jacobs
  Director of Cyberinfrastructure at University of Hawaii System, Co-Director of UH's Data Science Institute, University of Hawaii
What are the Gaps in the Current Community Building Landscape?

Gateway Ambassadors can fill gaps as community builders!

SGCI can fill gaps on expertise and services!
Get Started Toolkit

Gateway Ambassador Toolkit

You are not alone!

Becoming a Gateway Ambassador includes a supportive community and materials available for your use.

- Join our community
- Explore resources
  - How to get started on your campus
  - Downloads
  - Further reading
  - Community Email Group

https://sciencegateways.org/gateway-ambassadors
Downloads

- **PowerPoint Slide Deck**: Giving a presentation about gateways or your work? Pick and choose from these slides (the latest version is maintained in this folder), which can be tailored to different audiences. (Note: This deck is periodically updated as a work in progress. If there is a topic area missing that you would like to include, contact us to help you develop some slides. We also welcome questions and feedback on the existing slides!)

- **Flyers**
  - *For your campus*: Use this flyer to promote activities and opportunities on your own campus. It is a PowerPoint file that can be updated to include your own logo and contact information then printed on letter-size paper (or saved as a PDF).
  - *SGCI’s services and resources in general*: Bring copies of this 2-sided flyer to your presentations in case someone might want to investigate our free or low-cost services.
  - *To recruit other Gateway Ambassadors*: Know other people on your campus or elsewhere who would be great Gateway Ambassadors? Give them this flyer to encourage them to join!
  - *Campus-based Gateway Development Groups*: Learn why some campuses decide to create an entire group of gateway development specialists. Here’s a flyer you can share with others.

Further Reading

Sometimes people will ask you about the impact of gateways. The following publications provide some quantitative evidence.

- Estimating the Value and Impact of Nectar Virtual Laboratories
- The global impact of science gateways, virtual research environments, and virtual laboratories

https://sciencegateways.org/gateway-ambassadors
Join our professional community!

Are you enthusiastic about sharing advanced software or digital products for research or teaching with a community?

Do you see the need for such a community at your institution?

https://sciencegateways.org/gateway-ambassadors

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