

UCGIS Education Committee Report UCGIS Annual Symposium 2017

This report covers the activities of the Education Committee for the period of May 2016 (UCGIS Symposium in Scottsdale, AZ) to the 2017 UCGIS Symposium in Arlington, VA.

Ola Ahlqvist, The Ohio State University, completed his tenure as chair of the education committee at the end of January, 2016. Steven Moore, University of Redlands, assumed the committee chair on February 1, 2017. Eric Shook, University of Minnesota, agreed to serve as Vice Chair of the committee beginning in March, 2017. The current education committee is composed of: Aaron Addison, (Washington University); Ola Ahlqvist (The Ohio State University); David DiBiase (Esri); Douglas Flewelling (University of Redlands); Sven Fuhrmann (George Mason University); Karen Kemp (University of Southern California); Xingong Li (University of Kansas); Tim Nyerges (University of Washington); Jeanine Scaramozzino (Cal Poly, San Luis Obispo); David Smith (University of Redlands); Nate Strout (University of Redlands); Jennifer Swift (University of Southern California); Laura Tateosian (North Carolina State University); and Cuizhen (Susan) Wang, (University of South Carolina).

Major activities included the following:

1) Symposium 2016

- a) For the 2016 Annual Symposium, the education committee prepared two sessions: (1) a 90-minute session on “Implementing Service Learning in Geoinformation Technology Courses. The presentation feature an introduction to the service-learning pedagogy, the ASU example led by Stephanie Deitrick, followed by an overview of resources for faculty who look to start using service-learning pedagogy in their courses.
- b) A 45-minute session was devoted to significant updates on the AP GIS&T proposal, the BoK process, and the ongoing efforts around the Cyber GIS curriculum development.
- c) Steven Moore gave a lightning talk on “Research on Geospatial Technologies and Learning” based on a recent paper by Baker et al. (2015).
- d) Education was one of seven societal challenge areas that were part of breakout sessions during the research challenges session.
- e) One goal identified during the symposium was to put together a special issue or at least a few papers on the GIS in service learning for the *Journal of Geography in Higher Education*. Tentative interest in that idea was expressed by some committee members. A lead person for that project needs to be identified.

TeachGIS.org as a UCGIS Initiative

- a) The possibility of the Education Committee taking over the TeachGIS.org URL and site under its wing was discussed extensively.
- b) A variety of ideas for utilizing the site were discussed:

- i) Connecting BoK entries with learning objects/modules/tutorials; a community site that could support the more formal BoK; people could contribute how they are using the BoK
 - ii) Sharing site for how people are using instructional and technical resources
 - iii) Sharing key literacies and competencies for CyberGIS
 - iv) A “referatory:” an online source of short reviews on books, websites, and other resources
- c) The concept of a referatory garnered a great deal of support and enthusiasm from the committee
- i) It was noted that reviews have a longer shelf life than other kinds of resources. The site could be modeled after the successful AAG review of books.
 - ii) A target population for the site was discussed and identified (Higher Education), as well as ways to make the project manageable.
 - iii) The committee decided to discuss the issue at the 2017 Symposium because considerable cross-committee connections could emanate from the project.

2) 2017 UCGIS Education Award

A call for nominations for the 2017 Education Award was distributed in early December, 2016, and the review committee was established and chaired by Diana Sinton (UCGIS), 2016 awardee. Additional members included: Douglas Flewelling, University of Redlands; Jennifer Swift, University of Southern California; and Susan Wang, University of South Carolina. After deliberation, the committee selected Ann Johnson for the 2016 UCGIS Education Award.

3) 2017 Symposium Agenda Items

The Education Committee agreed to focus on the following topics during its Wednesday afternoon session:

- a) GIS&T Body of Knowledge update by John Wilson
- b) GIS&T Course Enrollment Survey presentation by David Cowen
- c) GIS Young Professionals Survey by David DiBiase
- d) AP GIS&T class by Michael Solem

The committee discussed presenting the TeachGIS.org project idea during Steven Moore’s introductory remarks for the session.

Respectfully submitted,

Steven Moore
Chair, UCGIS Education Committee
May 20, 2017