The Association of American Geographers and its members engage in a wide variety of activities that incorporate or act to foster GIS education including:

- Sponsorship of a Geographic Information Systems Specialty Group with over 1,000 members, many of whom are engaged directly or peripherally in all facets of GIS education. GIS education is a component of greater or lesser importance in the activities of numerous other specialty groups including those focused on Applied Geography, Cartography, Geography Education, Mathematical Models and Quantitative Methods, Microcomputers, and Remote Sensing. Specific activities and programs sponsored by the GIS specialty group include:
  
  1. Support for student work in GIS via an annual student paper competitions, with awards presented at AAG annual meetings.
  
  2. Special sessions, many focusing on GIS education, sponsored by the GIS specialty group.

- Disseminating information about GIS education and research through its monthly newsletter and through its two quarterly journals, The Annals of the Association of American Geographers and The Professional Geographer.

- Working to strengthen the geography programs that are often primarily responsible for GIS education in colleges and universities throughout North America. The AAG’s affinity and specialty groups and its research and geographic education projects rely upon and support advances in GIS education at all levels, from K-12 through doctoral work.