Biographical Sketch

David directs the Education Outreach Team at Esri. The team supports thousands of education customers around the world, and promotes geography and GIS in higher education, primary and secondary education, and museums and libraries worldwide. Prior to joining Esri in 2011, David founded the Penn State Online certificate and master’s degree programs in GIS. He was lead editor of the first editions of the *GIS&T Body of Knowledge* and the U.S. Department of Labor’s Geospatial Technology Competency Model. His interests include geospatial workforce development, learning design, e-learning, and professional ethics. He continues to lead classes and workshops in professionalism and ethics for Penn State Online. After work he enjoys cross training, classic jazz, and good wine, not necessarily in that order.

Professional Appointments

Senior Lecturer, Department of Geography, The Pennsylvania State University (1998–present)

Academic Credentials

B.S. Cartography, University of Wisconsin—Madison (with distinction), 1986.

Professional Credentials

Geographic Information Systems Professional (GISP), GIS Certification Institute, May 2007–present.

Key Publications


**Editorial Contributions**


**College Courses Developed and Taught**

Responsible Scholarship and Professional Practice workshop (Penn State Online, 2009–present)

Geography 864: Professionalism in Geographic Information Science and Technology (Penn State Online, 2008-2011, 2015–present)

Geography 482: Nature of Geographic Information (Penn State Online, 1999–2010)

Geography 598P: Seminar in Public Participation GIS (University Park Campus, Penn State Online, and Worldwide Universities Network, Fall 2007)

Geography 121: Mapping Our Changing World (Penn State University, 1997–2003)

Geography 321: Maps and Map Construction (Penn State University, 1991–1994)

Geography 422: Applied Cartographic Design (Penn State University, 1989–94)

**Courseware Developed**


**Major Sponsored Projects**

National Science Foundation, Advanced Technology Education program. Award DUE #0801893. National Geospatial Technology Center (DiBiase senior researcher and ‘honorary Co-PI’)$4,999.997. 1 October 2008-30 September 2012.


**Key Awards**

Horwood Distinguished Service Award, 2012, Urban and Regional Information Systems Association.

Most Outstanding Online Program, 2009, Sloan Consortium, for the Penn State Online Professional Masters Degree Program in Geographic Information Systems.

Educator of the Year Award, 2005, University Consortium for Geographic Information Science.

Special Achievement in GIS Award, 2004, Esri, for the World Campus Certificate Program in GIS. (Accepted with other members of the Certificate Program faculty.)

Service Award, 2003, Urban and Regional Information Systems Association, for contributions to GIS Certification Committee, 1999-2003. (Accepted by William Huxhold on behalf of members of the URISA Certification Committee.)

Media Achievement Award, Association of American Geographers, 1999, for "exceptional creativity in applying multimedia technology to cartography and geographic education, and for leadership in demonstrating and promoting the use of dynamic maps and interactive cartography."


**Key Presentations**

Teaching Thousands With Cloud-Based GIS. Peer-reviewed presentation at CyberGIS 2015 All-Hands Meeting, Reston VA, 15 September 2015.


Closing remarks on “Geoenabled Education” (and conference co-organizer), Conference on Geospatial Technology and Online Learning, Center for Geographic Analysis, Harvard University, May 2, 2014. (https://vimeo.com/98970471)

Envisioning the Spatial University. Annual Meeting of the Association of American Geographers, Tampa FL, 10 April 2014.


Geospatial Professional Ethics and Privacy. Presented at Creating the Legal and Policy Framework for a Location-Enabled Society, a conference sponsored by the Center for Spatial Law and Policy and the Center for Geographical Analysis and Berkman Center for the Internet and Society, Harvard University, 3 May 2013.

Implementing Spatial Thinking Across the Curriculum. Specialist meeting on Spatial Thinking Across the College Curriculum, Santa Barbara CA, 10 December 2012. (http://prezi.com/q-7wncdk6cjii/implementing-spatial-thinking-across-the-curriculum/)

Stand and Be Counted: Seven Ways to Strengthen the GIS Profession. Keynote address at Spatial Plexus 2012, Georgia Institute of Technology, Atlanta GA, 22 May (http://www.youtube.com/watch?v=qFpFZGqt7Y)


Ways Forward for GIS&T Education. 5th Annual Borchert Lecture, University of Minnesota, Minneapolis MN, 18 November 2011.


An Ideal Educational Experience. Invited presentation in Distance Education session, University Consortium for Geographic Information Science Summer Assembly, Buffalo NY, 23 June 2002.


Professional Service
Service to the profession
Reviewer, Proposal for an Advanced Placement test in Geographic Information Science and Technology. GENIP and Association of American Geographers. 2015–
Academic program adviser to the MS in GIST program at the University of Southern California, Master of GIS program at the Pennsylvania State University, New Maps Plus masters program at the University of Kentucky, and others. Ongoing.

Facilitator and co-editor, Geospatial Management Competency Model, URISA and U.S. Department of Labor Employment and Training Administration, 2011-12.

Content Adviser, Geospatial Revolution project, Penn State Public Broadcasting, 2010-11.

Facilitator and co-editor, Geospatial Technology Competency Model, GeoTech Center and U.S. Department of Labor Employment and Training Administration, 2010.


Member, Board of Directors, Urban and Regional Information Systems Association, October 2009–September 2012.

Member, Editorial Advisory Board, Journal of Geography in Higher Education, June 2009–11


Chair, Education Committee, University Consortium for Geographic Information Science, 2004–07.

Member, GIS Certification Committee, Urban and Regional Information Systems Association (later GIS Certification Institute), 1999–2005.