Vitae

J. Kevin Byrne
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Brief Biography

Kevin Byrne holds a bachelor's degree in art/design and graduate degrees each in design and cartography/urban geography. He has taught user-centered design, sustainable development, and science-baccalaureate courses at the Minneapolis College of Art and Design (MCAD) for three decades. As proprietor of Kevin Byrne Dot Info he is a user-interface consultant on corporate teams in medical, financial, branding, and entrepreneurial endeavors. In 2007 Byrne was awarded an academic sabbatical to return to graduate school at the highly-regarded St. Mary's University to pursue an advanced certificate in Geovisualization and GIS. He has pledged to mentors to complete a capstone project in 2009 that uses "green GIS" principles and virtual-globe software to explore sustainable development and recycling in order to visualize their geodemographic patterns.

Employment

1978 (continuing), Professor of Visualization and Sustainable Design, Minneapolis College of Art & Design.

2005-2007, External Moderator, Wanganui School of Design / UCOL, Wanganui, New Zealand, and the University of Waikato, Hamilton, New Zealand.

1994, Visiting Professor, University of Minnesota, College of Human Ecology, St. Paul, Minnesota.

1984-85, Staff Cartographer, University of Minnesota Cartographic Laboratory.

1984, Visiting Professor, Osaka University of Arts and Osaka College of Art, Osaka, Japan.

1981-82, Visiting Tutor in Visual Communications under the International Fulbright-Hayes Exchange Program at the University of Central England (United Kingdom).

1974 to 1978, Instructor of Visual Communications, Indiana University / Herron School of Art, Indianapolis, Indiana.

Education

2007, Master's Certificate Program (in progress), *Geographic Information Science,* Saint Mary's University, Minneapolis, Minnesota.
1986, M.A. *Cartography, minor studies in Urban Geography and Spatial Cognition,* University of Minnesota, Minneapolis, Minnesota.
1974, M.F.A. *Design, minor studies in Photography,* Cranbrook Academy of Art, Bloomfield Hills, Michigan.
1972, B.A. *Fine Arts,* University of Santa Clara, Santa Clara, California.
1968, Diploma, Brother Rice High School, Birmingham, Michigan.

Professional Memberships

Institute for Global Ethics, American Association of Geographers, North American Cartographic Information Society (NACIS), and *World Futurist Society.*

Published Matter, 1990 to present

articles in refereed journals:

1994, Three Lies to Live, (jointly authored), *Design Issues,* 10 (3) (Autumn), 3-20.
1993, Desktop Map Design, *NACIS Cartographic Perspectives,* 15 (Spring), 13-20.
1990, A Semantics of Visual Design, *Design Studies,* II (3) (July), 141-63.

articles in professional serials:

1995, Document Design: Gaining Visual Unity and Appeal with Electronic Formatting,
Business Geographics, 3 (2) (February), 40-44.
1994, A Watchful Map, *Geo Info Systems,* 4 (11) (November/December), 40-43.
1993, Acquiring New Media Technology, *Design Statements*, 8 (2) (Winter), 8-12.
1990, Is There An Ideal Education?, *Step by Step Graphics* (September), 152-55.
1990, Stimulating New Media with Type, *Step by Step Graphics* (July), 44-49.
1990, Should Graphic Design Make a Case of It?, *Design Statements,* 5 (2), 6-7.

invited papers

2006, Google and Graticules: Trials and Tribulations with Online Learning About Sustainability, Paper given at the
International Geographic Union Annual Conference, Brisbane, Australia (July).
1992, Vista to Values, *Proceedings, Graphic Design Education Association (GDEA) Annual National Symposium,* Raleigh,
North Carolina (October).
1990, Audience-Centered Design, *Proceedings, 1989/1990 GDEA Annual National Symposium,* Chicago.
1990, Environmental Learning with Hypertext, *Proceedings, Environmental Design Research Association Annual Conference,*
Urbana, Illinois.

presentations (proceedings not published)

2008, Green GIS, Presentation at University of Kansas' Interaction Design class, Lawrence, Kansas (April).
2007, Spatial Interplay of Key Indicators of Sustainability Among the New Zealand Mäori, Presentation at *Spatial Analysis in
Social Science Curriculum,* University of California Santa Barbara (July).
http://www.csiss.org/SPACE/workshops/2007/UCSB/agenda.php
2007, Treehugging, Ecomapping, and Our Uncertain Future, Plenary paper presented at *Design Camp 8,* Wanganui, New
Zealand (May). *http://neighborhopemaps.com/25.pdf.zip*
2006, Guiding Students Through Environmental-Social Justice for Clients in Service-Learning Projects, delivered at the
Community GIS Exposition, St. Paul, Minnesota (June).
1996, Developing Online Courses and Workshops: Guidelines, Tactics and Software Tools, *Working Session of the Alliance of
Independent Colleges of Art,* Minneapolis (June).
1992, Desktop Map Design, Poster Session at *NACIS Annual Meeting,* St. Paul (October).

book reviews

2006, Universal Principles of Design, Information Design Journal.
2001, Jesse Ventura's Ain't Got Time to Bleed, AIGA/Chicago inForm.
1995, The Power of Maps, Design Statements, 10 (1) (Winter), 10-13.
1990, Reference Shelf, Step by Step Graphics (Spring Designer's Guide), 34-41.

Grants, 1990 to present

2008, Fellowship subsidized by the *Center for Spatially Integrated Social Science* to conduct a workshop at *WorldComp'08* titled *Why and How GeoDa Software Works as a Powerful and Intuitive Method for Geovisualizing Demographic Data*, Las Vegas, Nevada (July*). http://www.world-academy-of-science.org/worldcomp08/ws/tutorials/tutorial_byrne*
2007, Subsidized Fellowship for tuition, travel, and lodging to participate in the National Science Foundation-funded *Spatial Analysis in the Social Science Curriculum: Enhancing Undergraduate Learning*, University of California Santa Barbara (July).
2006, Faculty Enhancement Grant (MCAD), travel to Australasia for visual research.
1992, Ford Foundation Grant (MCAD), develop a digital database on design for colleagues and students.

Teaching

Course listing, undergraduate, MCAD Design Division:

Two Dimensional Design, Introductory Graphic Design, all levels Typography, Introductory Computer Graphics, all levels Design Theory, all levels Design Methods, Design for Learning, junior level Design Issues, senior level Professional Practice, senior level Senior Project in Design, Advertising, and New Media, Senior Thesis in Visual Communications, Internships

Course and workshop listing, undergraduate, MCAD Bachelor of Science/Visualization:

Architecture of Information (workshop), Communication Theory, Internships and Externships , Inventions and Progress, Senior Project and Senior Seminar in Visualization, Understanding Context for Internet Communication, and Visualization Independent Study

Post-baccalaureate and Graduate Program:

Occasional mentor to international students matriculating through MCAD's MFA and Post-baccalaureate Programs.

Student Projects Supervised Addressing Social and Environmental Topics and Clients:

2001-2007, planning, design and deployment of websites by MCAD science baccalaureate student teams for Twin Cities community clients...

> Preserve Minneapolis *http://preserveminneapolis.org/*
> Volunteer organization of historic preservationists dedicated to putting preservation on the radar screens of Minneapolitans.
>
> Southside Family School, Minneapolis, Minnesota *http://www.southsidefamilyschool.org/*
> Community alternative k-8 school that provides academically challenging and socially conscious education to diverse community of learners.
>
> Energy Cents Coalition, St. Paul, Minnesota *http://www.energycents.org/*
> Organization promotes affordable utility service for low and fixed income people. Ensures basic necessity of energy to all citizens and encourages participation of low and fixed income citizens in energy issues and decision-making.
>
> Eco-Education, St. Paul, Minnesota *http://www.ecoeducation.org/*
> Organization fosters within young people the appreciation, knowledge, values and skills necessary to inspire ecologically sound decisions and actions.
>
> Minnesota Association for Environmental Education, Bloomington, Minnesota
> *http://www.naaee.org/maee/*
> Organization promotes EE (environmental education) to build bridges between educators and other EE professionals throughout Minnesota who teach, lead, or provide programs on the environment.

Bio

August 7, 2008

Kevin Byrne holds a bachelor's degree in art/design and graduate degrees each in design and cartography/urban geography. He has taught user-centered design, sustainable development, and science-baccalaureate courses at the Minneapolis College of Art and Design (MCAD) for three decades. As proprietor of Kevin Byrne Dot Info he is a user-interface consultant on corporate teams in medical, financial, branding, and entrepreneurial endeavors. Byrne was recently awarded an academic sabbatical to return to graduate school at the highly-regarded St. Mary's University to pursue an advanced certificate in Geovisualization and Geographic Information Science (GIS). After a year of domestic study and lecturing abroad an animation titled *Global Water Tour* done by Byrne using virtual-globe software in his St. Mary's coursework was prominently featured at the August 2008 opening session of the largest GIS conference in the world held in San Diego. He has pledged to mentors to complete a capstone project in 2009 that uses "green GIS" principles and virtual-globe "mash-ups" to explore curbside recycling in order to geovisualize demographic patterns at the neighborhood scale.