

Stephen L. Arnold, Ph.D.

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Experience Summary

Transportation and land use advocacy: 10 years
Local elected official: 9 years
IT management consulting: 4 years
Mail, directory, and network integration: 21 years
Software product management: 7 years
Software engineering: 9 years
Technical writing: 3 years
Professor, aquatic ecology and biostatistics, 4 years

Advocacy Experience

Land use, local and regional transit, bicycle and pedestrian facilities, water resources, capital and operational budgeting, sustainability, climate protection, public participation, zoning, energy conservation, renewable energy

Information Technology Experience

Statistical analysis, simulation and modeling, messaging, Web, social media, information security, networking, technical writing, office applications

Employment

Alder, City of Fitchburg, 2005-present

Serves or served on Common Council, Public Safety and Human Services Committee, Transportation and Transit Commission, Resource Conservation Commission, and multiple planning committees

Program and Policy Analyst, Wisconsin Department of Natural Resources, 2012

Analyzed community plans of La Crosse, WI for gaps, barriers, and solutions to adapt to climate change

IT Practice Director, UW E-Business Consortium, University of Wisconsin-Madison, 2006-2011

Organized and led peer group meetings and authored content to share best business information technology practices among Consortium member companies

Principal, Arnold Consulting, 1991-2009

Provided timely, expert assistance in electronic mail and directory services to clients worldwide

Co-founder, Joiner Associates Inc., 1983-1991

Managed the commercialization, marketing, and support for Jnet® networking software

Director of Conversions, Minitab Project, 1981-1983

Converted Minitab statistical software to multiple platforms and coordinated all conversions by others

Assistant Professor, State University of New York, College at Brockport, 1977-1981

Taught biostatistics and aquatic ecology in the Dept. of Biology and programming and simulation in the Dept. of Computer Science.

Education

Additional coursework, University of Wisconsin-Madison, Urban and Regional Planning, 2012, 2008; Civil and Environmental Engineering, 2012
Ph.D., Cornell University, Systems Ecology, Entomology, Biostatistics, 1978
M.A., The Johns Hopkins University, Environmental Engineering, 1972
B.A., The Johns Hopkins University, Natural Sciences, 1971

Professional Activities

Vice Chair, Fitchburg Transportation and Transit Commission, 2007-present; Chair, 2005-2007
Fitchburg Representative, Metro Transit Contracted Services Oversight Subcommittee, 2011-present
Member, Fitchburg Resource Conservation Commission, 2007-present
Academic Staff Representative, UW-Madison Faculty Senate Campus Transportation Committee, July 2010-June 2011
Chair, Fitchburg Public Safety and Human Services Committee, 2009-2011, member 2005-2013
Chair, Fitchburg Zoning Code Rewrite Steering Committee, April 2009-November 2010
Chair, Fitchburg Northeast Neighborhood Land Use Committee, February 2008-April 2010
Member, Fitchburg North McGaw Neighborhood Plan Steering Committee, March 2008-June 2009
Member, Fitchburg Broadband Telecommunications Commission, 2005-2007
Vice Chair, Fitchburg Ad Hoc Committee on Substation Facility Planning, 2006
Member, Dane County Council of Governments Working Group, October 2004-May 2005
Dane County United Land Use Action Team, December 2003-August 2005

Memberships

1000 Friends of Wisconsin, Association of Pedestrian and Bicycle Professionals, Bicycle Federation of Wisconsin, Byrnewood Neighborhood Association (Past VP), Congress for the New Urbanism, League of American Bicyclists, MadCity Velo Club, Madison Area Bus Advocates, REAP Food Group, Sierra Club, Strong Towns, United Faculty and Academic Staff (American Federation of Teachers Local No. 223, AFL/CIO), United Fitchburg

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Last revised November 7, 2014.