

L. Carl Fiocchi

Lecturer

Building & Construction Technology
Department of Environmental Conservation
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Degrees

PhD Building Systems

University Massachusetts Amherst 2016

MArch

University Massachusetts Amherst 2010

BA Biology

University of Pennsylvania 1972

UMass Employment

2016 – Present

Accreditations

USGBC LEED Green Associate

Professional Experience**Faculty**

Building & Construction Technology, (2016- Present)

Instructor

Green Building and Historic Preservation, (2012 -Present)

Department of Architecture

University of Massachusetts, Amherst, Massachusetts

Program Head

Professional Masters Building Construction Technology (2017- Present)

Teaching Fellow

Building & Construction and Technology, (2010 - 2016)

Department of Environmental Conservation

University of Massachusetts, Amherst, Massachusetts

Principal

Renaissance Inc., (1976 – 2005)

Glastonbury, Connecticut

Research

Building Performance

Research Description

My interest and research is concerned with high performance energy efficient buildings with special emphasis on the building envelope and mechanical systems of both residential and commercial structures. My experience in construction, coupled with the imminent threat of climate change, provided the impetus for this focus. Modernist architecture and its subset Brutalism, as it relates to the above, has been the recent and primary focus of my work.

Refereed Publications (since 2013)

Fiocchi, C., “Kevin Roche’s University of Massachusetts-Amherst Fine Arts Center and Brutalism’s Monolithic Concrete Construction Performance Perception Penalty” Association for Preservation Technology Annual Meeting, Albany, N.Y., February 2017.

Non-refereed articles (since 2013)

Fiocchi, C., Schreyer, A., Clouston, P. “A New Teacher on Campus.” Learning by Design Vol. 26, Fall 2017 p. 20-25. http://works.bepress.com/lcarl_fiocchi/9/

Teaching

Light Frame Construction	Fall 2018	
Sustainable Building System & Construction Technology	Fall 2017 / Spring 2019	Lecturer
Business of Building	Fall 2017	Lecturer
High Performance Building Construction	Fall 2017	Lecturer
Environmental Control Systems/Building Physics III	Spring 2017 -19	Lecturer
Building Energy Modeling	Spring 2017-19	Lecturer
Sustainable Indoor Environmental Systems	Spring 2017 -19	Lecturer
Sustainable Indoor Environmental Systems (Honors Colloquium)	Spring 2017	Lecture
Energy and Buildings/Building Physics I	Fall 2016-19	Lecturer
Energy and Buildings/Building Physics I	Fall 2010-15	Teaching Fellow
Building Environmental Systems	Spring 2011-15	Teaching Fellow
Indoor Environmental Systems (BCT497M)	Fall 2010-13	Teaching Fellow
Green Building and Historic Preservation	Fall 2011-14 &16-18	Lecturer

Service (since 2013)

2017 - Present Head of BCT Professional Master’s Program
 2016 - Present Ad Hoc Reviewer Journal of Green Building
 2014 - Present Girls, Inc. Eureka Program
 2013 – Present Sunderland, Mass. Historic Commission
 2014 – Present Sunderland, Mass. 120 North Main (Senior Housing Project)

Professional Affiliations

American Society of Heating, Refrigerating and Air-Conditioning Engineers
 DoCoMoMo US/New England
 Historic New England
 National Trust for Historic Preservation
 Northeast Sustainable Energy Association
 Sunderland Historic Commission (Board Member)
 United States Green Building Council
 USGBC Massachusetts Chapter
 Western Massachusetts American Institute of Architects