

**Mark T. Hamin PhD, Lecturer**  
**History, Philosophy, and Social Sciences/ Landscape Architecture**  
**Rhode Island School of Design (Affiliated Faculty, Brown University)**  
[mhamin@risd.edu](mailto:mhamin@risd.edu), <https://www.linkedin.com/in/mark-hamin/>

### **EXECUTIVE SUMMARY**

Versatile sustainability planning educator, with decades of varied experience as a collaborative teacher, researcher, program director/advisor, project manager, and process facilitator. Effectively engaging the integral principles and practices of sustainability, within and across organizations, using a wide range of innovative models, is my core competency. A public-oriented historian of urban science and technology by training, my career mission has been to transfer sustainable systems thinking out of the academy into active problem-solving at multiple governance scales:

- 30+ years of success as an educator, advisor, researcher (writing, editing, analyzing)
- 20+ years of success as a program director, curriculum innovator, professional mentor
- 15+ years of success as a strategic planner, project coordinator, cross-network liaison

#### *Areas of Expertise:*

- Design Systems Thinking (Sustainability within and across STEAM Fields)
- Integrated Sustainability Methodology (Ecology, Economy, Equity, Engagement)
- Collaborative Network-Building and Capacity-Building; Client and Community Relations

#### *Significant Achievements:*

- Lead Coordinator, task force strategic plan for a campus Sustainability Curriculum Hub
- Lead Creator, multiple accelerated + dual-degree programs to streamline advancement
- Lead Liaison, joint 'program ladders' from Associate's to Bachelor's to Master's degrees
- Lead Advisor, recruitment + retention outreach to promote diversity, equity, and inclusion

### **EDUCATION**

**University of Pennsylvania, Philadelphia, PA**

***PhD, History and Sociology of Science, 1999 [MA earned 1993]***

Tables Turned, Palates Curbed: Elements of Energy, Economy and Equilibrium in American Food Science 1890-1940

[Committee: Robert Kohler, University of Pennsylvania; Charles Rosenberg, University of Pennsylvania/Harvard University; Deborah Fitzgerald, Massachusetts Institute of Technology]

**Brown University, Providence, RI**

***BA, History; BA, Philosophy, 1984; graduated magna cum laude***

### **TEACHING**

**Rhode Island School of Design, Providence, RI**

***History, Philosophy, and Social Sciences/ Landscape Architecture Departments, Fall 2024-present***

**Lecturer** (NCSS affiliate; Sponsored Faculty in History and STS, Brown University)

*Courses: Food and Cities, Health and Environment (HPSS); Research Methods, History and Theory (LDAR)  
Design Review Critic for INTAR Adaptive Reuse Studios; Reading Group Leader, Cogut Institute at Brown*

**University of Massachusetts, Amherst, MA**

**Landscape Architecture and Regional Planning Department, Fall 2001-Summer 2024 (23 years)**

**Senior Lecturer II (2018-24), Senior Lecturer (2011-18), Lecturer (2006-11), Visiting Lecturer (2001-6)**

**Regional Planning, Sustainable Community Development (formerly Environmental Design);**

*Affiliated Faculty in Public History Program; School of Public Policy; School of Earth and Sustainability*

**Regular Core Courses:**

- REGIONPL 651: Planning History and Theory [MRP core seminar; taught for 20 years]
- ENVIRDES/SUSTCOMM/REGIONPL 574: City Planning [lecture; taught for 15 years]
- ENVIRDES/REGIONPL 591B: Sustainable Cities [seminar, taught for 12 years]  
[SUSTCOMM 232: undergraduate lecture/REGIONPL 580: graduate seminar; 4 years]
- RP 891: Advanced Planning Theory [PhD core seminar; taught for 11 years]

**Additional Courses:**

- SUSTCOMM 394RI: Research Issues [Fall 2017; BS SCD major capstone practicum]
- REGIONPL 585: Planning for Climate Change [Spring 2017; seminar for certificate]
- LANDARCH/REGIONPL 635: Research Issues [Spring 2016; graduate core seminar]
- LANDARCH 606: Cultural Landscape Studio [Spring 2009 and 2010, co-instructor]
- ENVIRDES 394: Junior Writing Seminar [Spring 2010; undergraduate core requirement]
- REGIONPL 675: Regional Planning Studio I [Spring 2008; co-instructor; graduate core]
- REGIONPL 591a: Economic Development Theory Seminar [Spring 2007; seminar]
- LANDARCH/REGIONPL 691f: Research Issues [Spring 2005; graduate core seminar]
- ENVIRDES 140: Awareness of the Physical Environment [Fall 2003; core lecture]
- ENVIRDES 205: Dynamics of Human Habitation [Spring 2003; core lecture]
- REGIONPL 693a: Research Methods in Planning [Fall 2002; core seminar]
- REGIONPL 692h: Technology and Urban (Re)Form [Spring 2002]

**Iowa State University, Ames, IA**

**Community and Regional Planning Department, Fall 1999-Spring 2001 (2 years)**

**Temporary Assistant Professor**

- CRP 270: Forces Shaping Our Metropolitan Environment [Spring 2001]
- CRP 383: Theory of the Planning Process [Spring 2001]
- CRP 365/565: Technology and the Urban Form [Fall 1999 and Fall 2000]

**University of Pennsylvania, Philadelphia, PA**

**History and Sociology of Science Department, Fall 1991-Fall 1996 (5 years)**

**Instructor/Teaching Assistant**

- HSSc 280-601: Science, Culture, History of Material Life [Fall 1996; Seminar Instructor]
- HSSc 121: History of Technology in America [Fall 1996; Teaching Assistant and Writing Fellow; Management and Technology Program, Wharton School]

- HSSc 013-601: Technology and the City *[Fall 1995; Seminar Instructor]*
- HSSc 212: Science, Technology, and War *[Fall 1995; Teaching Assistant]*
- HSSc 003: Technology and Society *[Spring 1993; Seminar Instructor]*
- HSSc 220: Technology in America *[Fall 1992; Teaching Assistant/Cultural Liaison]*
- HSSc 003: Technology and Society *[Spring 1992; Teaching Assistant]*
- HSSc 001: Science and Society *[Fall 1991; Teaching Assistant]*

## **ADMINISTRATION and SERVICE**

**Strategic Planning Principal Consultant, Sustainability Designer**, Providence, RI, 2018-present

<https://www.sustainabilitydesigner.com/> *Responsibilities:* research, write, edit, facilitate plans

(Town of Hull, MA; *pro bono*, Rhode Island Food Policy Council, Providence Preservation Society)

**Landscape Architecture and Regional Planning Department, University of Massachusetts**

**Director, Master of Regional Planning Program**, Fall 2002-2022 (20 years)

*Responsibilities:* coordinate application review process; secure recruitment, retention, funding of students; advise and advocate for students; lead program faculty meetings; liaison to Planning Student Organization, American Planning Association, and Planning Accreditation Board; supervise selection of students for awards and scholarships; maintain relations with alumni, donors, clients, and communities

**[Co-Director of Accelerated BSCD/MRP Program and MRP-aligned Dual-Degree Programs]**

**Outreach Coordinator, LARP Department**, Fall 2008-2022 (14 years)

*Responsibilities:* organize contacts and communicate with stakeholder networks of alumni, clients, area professionals, communities, employers to coordinate student intern/externships, studios, practica, etc.

**Director, BS in Sustainable Community Development Program**, Spring 2018-2022 (4 years)

*Responsibilities:* coordinate advising/mentoring; promote recruitment and retention of majors; advocate and secure intern/extern/fellowships for SCD students; lead program faculty meetings; faculty liaison to SCD Club; supervise selection of students for awards and scholarships; maintain relations with alumni

- **Member, Department Curriculum Committee**, Fall 2013-2022 (9 years)
- **Member, UMass/Springfield Design Center Committee**, Fall 2009-Fall 2015 (6 years)
- **Steward, LARP Department Liaison to MSP Union**, Fall 2009-Spring 2015 (6 years)
- **Coordinator, LARP Department Zube Lecture Series**, Spring 2013-Fall 2014 (1 year)
- **Assistant Head, LARP Department**, Fall 2011-January 2013 (1.5 years)  
*[Occasional Acting Head, LARP Department; Fall 2005-Fall 2011; Summer 2010, 2011]*

## **Other LARP/UMass Service**

- **Faculty Supervisor [Sustainability and STEAM], BDIC Program**, 2014-2022 (8 years)  
*[Supervisor Member, BDIC Director Search Committee, Spring-Fall 2016]*
- **Faculty Coordinator, Sustainability Curriculum Fellows Program** (reporting to the UMass Chancellor's Sustainability Advisory Committee), Spring 2015-2021 (6.5 years)  
*[Draft Report for proposed Sustainability Curriculum Hub, Summer 2020-Fall 2020]*

- **Member, School of Earth and Sustainability Steering Committee** (Curriculum Committee) Spring 2019-Spring 2020 (1 year)
- **Member, University Graduate Council** (SBS College representative), 2013-2020 (7 years)
- **LARP Host Coordinator**, Four-School/APA Planning Symposium, Fall 2008; 2013; 2018
- **Member, Graduate School Joint Task Force** on Strategic Oversight, Strategic Planning Committee on Master's Degrees, Professional Doctorates and Certificate Programs, Spring 2013-Fall 2013
- **Member, SBS College Instructional Innovation Council**, Fall 2012-Spring 2014
- **Member, LARP Cultural Heritage Search Committee**, Fall 2010-Spring 2011
- **Member, LARP Department Sustainability Committee**, Fall 2009-Spring 2010
- **Member, Senior Lecturer Promotion Committee**, College of Natural Resources and the Environment, Fall 2006-Spring 2008

#### **Outreach Leadership:**

- **External Reviewer** of Self-Study Report, Geography, Planning, and Sustainability Department, Westfield State University, Spring-Summer 2021
- **Project Manager**, Cultural Asset Mapping Project, City of Chelsea, MA, Fall 2017-Spring 2018 [1 capstone practicum cohort, 1 graduate RA]
- **Project Manager**, Greenway/Bicycle/Pedestrian Plan, Town of Framingham, MA, Fall 2014-Spring 2015 [1 graduate RA, 1 studio cohort]
- **Project Manager**, South Hadley Falls Charrette Report, Town of South Hadley, MA, Fall 2011-Fall 2012 [2 graduate RAs, 1 studio cohort, 1 course cohort]
- **Project Manager**, Design Assessment Report, Town of South Hadley, MA, Spring-Fall 2011 [2 graduate RAs]
- **Project Manager**, Comprehensive Plan, Town of New Salem, MA, Fall 2009-Summer 2010 [3 graduate RAs, studio]
- **Project Manager**, Open Space Management Plan, Town of Randolph, MA, Fall 2009-Fall 2010 [2 graduate RAs, 1 studio cohort]
- **Project Manager**, Land Use and Zoning Plan, Town of Brimfield, MA, Fall 2009-Spring 2010 [2 student RAs]
- **Project Manager**, Master Plan and Open Space Plan, Town of Warren, MA, Fall 2004-Fall 2006 [6 student RAs, 2 staffers]

#### **Other Administration:**

**Secretary/Clerk**, Executive Committee; **Chair**, Capital Campaign Committee, Cushman-Scott Child Care Center, Amherst, MA, May 2003-May 2005  
 [Board Member and Member, Town/Finance Sub-Committees, May 2002-May 2005]

**Museum Director and Exhibit Programming Curator**, The Story Center, Ames Heritage Association Museum, Ames Heritage Association, Ames, IA, July 1999-August 2001

*Responsibilities:* coordinate and manage the activities of multiple committees organized to operate a local historical museum; plan and implement the museum's curatorial programs

[Board Member and Member, Programming Sub-Committee, May 1999-August 2001]

## **RESEARCH, EDITING, WRITING**

- ***Draft Report Supervisor and Editor*** [multiple authors], *School Facilities Plan, Frontier Regional/Union 38 Districts, Spring 2016- Spring 2017*
- ***Draft Report Supervisor and Editor*** [multiple authors], *South Hadley Falls Charrette, Town of South Hadley, MA, Winter 2012*
- ***Final Report Supervisor and Editor*** [multiple authors], *Design Assessment Report for Town of South Hadley, MA, Summer-Fall 2011*
- ***Final Report Supervisor and Editor*** [multiple authors], *‘Natural and Cultural Resource Heritage Tourism Plan, Town of New Salem, MA’* [LANDARCH 606 Studio], *May 2010*
- ***Principal Researcher, Editor and Report Lead Author, Comprehensive Plan, Town of New Salem, MA, Fall 2009-Spring 2010***
- ***Final Report Supervisor and Editor*** [multiple authors], *Open Space Management Plan, Town of Randolph, MA, Fall 2009-Fall 2010*
- ***Principal Researcher, Editor and Report Lead Author, Land Use and Zoning Plan, Town of Brimfield, MA, Fall 2009-Spring 2010***
- ***Report Supervisor and Editor*** [multiple authors], *‘South End Neighborhood, Bridgeport, CT – Revitalization Plan: Vision and Implementation Strategies’* [LANDARCH 606 Studio], *Spring 2009*
- ***Report Supervisor and Editor*** [multiple authors], *‘Holyoke Redevelopment Authority Study’* [REGIONPL 675 Studio], *Spring 2008*
- ***Principal Researcher, Editor and Report Lead Author, Town of Warren, MA Master Plan and Open Space Plan, Fall 2004-Spring 2006***

***Research Supervisor, LARP Dept., University of Massachusetts, Amherst, MA, 2002-present***

- 25 Master’s Thesis Committees chaired/co-chaired
- 34 Master’s Project Committees chaired/co-chaired
- 36 Master’s Thesis Committees served as member [in addition to those chaired above]
- 29 Master’s Project Committees served as member [in addition to those chaired above]
- 48 Master’s 3-Course Option Curricula supervised
- 30 Ph.D. Examination/Dissertation Committees served
- 17 Undergraduate Theses or Projects supervised
- 22 Graduate Research Assistantships supervised
- 93 Graduate Independent Studies/Practica supervised
- 99 Undergraduate Independent Studies/Practica supervised

***Consultant Editor and Writer***, grant proposal by Richard Hellmich et al., ‘Transgenic Corn Impacts on Non-Target Insects: A Model Collaborative Effort’, ***Iowa State University, May 2000***

***Exhibit Curator, The Story Center, Ames Heritage Association Museum, Ames, IA, Spring 2000***

- Eat, Drink, and Be Modern: Foods and Beverages in Ames
- Safe and Soft: The Story of Ames Water Treatment
- Next to Godliness: Keeping and Cleaning House in Iowa

**Research Assistant, Robert E. Kohler; urban environmental history study, Philadelphia Center for Community Partnerships, Summer 1995**

#### **PUBLICATIONS (reviewed)**

‘Sustainability as a Construct in Municipal Planning’ in Wayne Feiden ... **[APA PAS], 2015**

‘Science Designed and Digested: Between Victorian and Modernist Food Regimes’ in Paulette Singley and Jamie Horwitz, eds., **Eating Architecture**. Cambridge, MA: MIT, 2004

‘Constitutional Types, Institutional Forms: Reconfiguring Diagnostic and Therapeutic Models of Obesity in Early 20th-Century Biomedical Research’ in Jeffery Sobal and Donna Maurer, eds., **Weighty Issues: Constructing Fatness and Thinness as Social Problems**. de Gruyter, 1999

‘Purity and Publicity: Corporate Responsibility, Government Regulation, and Scientific Quality Control in American Food Production, 1880-1920’ in Marika Hedin & Ulf Larsson, eds., **Teknikens landskap/Landscapes of Technology**. Stockholm: Atlantis, 1998

#### **PRESENTATIONS (reviewed)**

‘Mentoring for Master’s and Doctoral Candidates in a Planning and Design Department’ (with Elisabeth Hamin), **ConnectED Conference**, UNSW Sydney, NSW, Australia, Summer 2007

‘Between Physics and Civics: From Physiocracy (through Biotechnics) to Biocracy’, **American Collegiate Schools of Planning Conference**, Baltimore, MD, Fall 2002

‘Metabolic Experiments, Mechanical Environments: Physiological Hygienists and the Uses of Urban-Industrial Space, Time, Motion Studies’ [Locating Health’s Locus: Industry, Community, and Fraternity], **Organization of American Historians Conference**, Ames, IA, Summer 2000

‘Robert Boyle of Ventilation and the Heat Pump: Working Conditions, Engineered Environments, and the Technical Habitus of Scientific Purity’ [Making Spaces Work], **Society for the History of Technology Conference**, Baltimore, MD, Fall 1998

‘Rational Paradoxes, Reasoned Parables: How Imagined Communities with Invented Traditions Realign Nature between Conservation and Interconversion of Forces’, **Project on the Rhetoric of Inquiry Conference**, Iowa City, IA, Winter 1998

‘From Field (through Lab) to Table: Scientific Agriculture in the Aggregation of Sites, Samples and Statistics’, **History of Science Society Conference**, San Diego, CA, Fall 1997

‘Purity and Publicity: Corporate Responsibility, Government Regulation, and American Food Science’ [Better Consuming through Chemistry: Corporate Research, Government Regulation, and Quality Control of Foods, Drugs and Cosmetics (organizer)], **History of Science Society Conference**, Atlanta, GA, Fall 1996

'Table Settings: How to Track Research Techniques in American Nutrition Science' [History of Biology Revisited (co-organizer)], **History of Science Society Conference**, Minneapolis, MN, *Fall 1995*

'Redesign of the Internal Environment: Calorimetry and HVAC Engineering [Food for Thought]' **Society for the History of Technology Conference**, Charlottesville, VA, *Fall 1995*

'Redesigning Techniques of Enclosure and Disclosure in Experimental Physiology', **Joint Atlantic Seminar in History of Biology Conference**, Cold Spring Harbor, NY, *Spring 1995*

'The "Little Things in Life": Animal Feeding Trials and Isolation and Identification of Accessory Dietary Factors', **History of Science Society Conference**, New Orleans, LA, *Fall 1994*

### **PRESENTATIONS (invited)**

'Erotechnics and Civilization: Theories and Practices Concerning Social Relationships among the Sexes in Mid-20<sup>th</sup> Century Urban Landscapes', **Landscape Studies Lecture Series**, Smith College, *March 2015*

'The Tradition of Invention: Engineers, Entrepreneurs, and Envisioners of New Energy Sources and Systems', Keynote of **4P Conference (Harvard, MIT, Tufts, UMass, MA APA)**, Holyoke, MA, *Fall 2013*

'Competing Visions: Changing Landscapes in the Past, Present, and Future [Discussant for the Urban Planning Panel]', **9<sup>th</sup> Annual Graduate History Conference**, Amherst, MA, *March 2013*

'Alternates Routes: How History of Urban Technology and Infrastructure Informs Current Transportation Planning' **UMass Transportation Speaker Series**, Amherst, MA, *March 2013*

'HSS↔STS↔PHC↔LARP: Reflection on Inter-inter-disciplinary Migration to Sustainable Communities', **HSS Department 40th Anniversary Conference**, University of Pennsylvania, Philadelphia, PA, *May 2010*

'The Two (or More?) Other E's of Sustainability: Economy, Equity, etc. Relative to Ecology, Energy, etc.' Presentation for **Interdisciplinary Architecture, Landscape Architecture, and Planning Studio (LARP/A+D, UMass)**, Amherst, MA, *Fall 2008*

'Sex in the City: Social Research, Urban Technological Change, and New Forms of Intimate Life in the Interwar Period', **Five-College History Colloquium**, Amherst, MA, *Spring 2008*

'Transportation Planning Down Under: Reflections on Continental Scale, Geographic Isolation, Urban Density and Mobility in Australia', **UMass Transportation Speaker Series**, Amherst, MA, *Spring 2008*

'Sea Change, Tree Change, Degree Change: Reflections on Graduate Mentoring, Growth Management, and Global Warming in Australia' (with Elisabeth Hamin), **Zube Lecture Series**, Amherst, MA, *Spring 2008*

'Seeing (Un)Like an Academic Program: How (Not) to Mentor Graduate Students for the Planning Profession', **Urban and Regional Planning Program Salon**, University of Sydney, NSW, Australia, 2007

'Urban Vitality Beyond Survival: How the Life Sciences Transformed the Planning Field' **LARP Department Colloquium Series**, University of Massachusetts, Amherst, MA, 2003

'Double-Edged Boards: Private Clients, Public Service, and Popular Science as Avenues of Advancement for Nutrition', **History of Technology and Science Colloquium**, History Department, Iowa State University, Ames, IA, Fall 2000

#### **CONTRACTS, GRANTS, and FELLOWSHIPS**

- **City of Chelsea, MA** [\$15,000 for cultural asset map project], *Fall 2017-Summer 2018*
- **Town of Framingham, MA** [\$12,000 for greenway/bike/ped plan], *Fall 2014/Spring 2015*
- **Town of South Hadley, MA** [\$20,000 for South Hadley Falls Charrette; \$20,000 for Design Assessment Report; 2 graduate TAs, two graduate course cohorts], *Fall 2011*
- **Town of Randolph, MA** [\$ 8,000 for Open Space Management Plan], *Fall 2009*
- **Town of New Salem, MA** [\$10,000 for Town Center Comprehensive Plan], *Fall 2009*
- **Town of Brimfield, MA** [\$ 5,000 for Land Use and Zoning Plan], *Fall 2009*
- **Town of Warren, MA** [\$37,500 for Master Plan and Open Space Plan], *Fall 2004-Spring 2006*
- **Iowa Community Cultural Grant, State of Iowa** [Ames Heritage Association to fund Story Center Museum Director], *2000*
- **Resource Enhancement Protection Grant, State of Iowa** [Ames Heritage Association to fund historical document and artifact collection], *2000*
- **Gordon Cain Fellowship in Entrepreneurship and Innovation** [Chemical Heritage Foundation, Philadelphia, PA], *1997*
- **Dissertation Fellowship, History and Sociology of Science** [Graduate School of Arts and Sciences, University of Pennsylvania], *1994-1995*
- **Dissertation Fellowship, History and Sociology of Science** [Graduate School of Arts and Sciences, University of Pennsylvania], *1993-1994*
- **University Fellowship, History and Sociology of Science** [Graduate School of Arts and Sciences, University of Pennsylvania], *1990-1991*

#### **RESEARCH AND TEACHING SPECIALTIES**

- Urban Environmental and Infrastructural History
- History and Theory of Planning and Design Professions
- Scientific/Technological Dimensions of Planning and Design
- Sustainability Studies relative to STEAM Disciplines
- Regional Food Systems: Ecology, Economy, Equity, Engagement
- Political Economy of the Life Sciences: Programs and Policies
- Research Design and Project Organization: Mixed Methods
- Mentoring relative to Pedagogy and Professional Training