

Name: Patrick Charles Associate Professor of Architecture Full Time

Courses Taught:

Arch 513 Comprehensive Project Design Studio (required)
Arch 313 Architectural Design Core Studio V (required)
Arch 331 Construction Materials and Assemblies II (required)
Arch 533 Detailing the High Performance Envelope (elective)
Arch 530 Special Topics: Munich Study Abroad (elective)

Educational Credentials:

M.S. in Architectural Studies (Design Technology), MIT 2000
Diploma DPLG, Ecole D'Architecture de Nancy, France 1990

Teaching Experience:

Associate Professor of Architecture, Roger Williams University 2009-
Assistant Professor of Architecture, Roger Williams University 2003-2009
Assistant Professor of Architecture, Illinois Institute of Technology 2000-2003

Professional Experience:

Renzo Piano Building Workshop, Paris 1991-98
Co-founded Ingenierie Constructive S.A., Epinal, France 1989-90
Architecture offices, Nancy, France 1986-90

Selected Publications and Recent Research:

Charles, P. and Thomas, C.. A Multi-Disciplinary, Consultancy-Based Teaching Model: Potentials and Limitations. *Proceedings 6th International Building Performance Simulation Association - Canada Conference*, Winnipeg, Canada, May 19 and 20, 2010 2010

Charles, P. and Thomas, C. Integrating Building Performance Simulation in Studio Teaching: A Multidisciplinary Consultancy-Based Model. *Proceedings 98th Association of Collegiate Schools of Architecture (ACSA) Annual Meeting*, New Orleans, Louisiana, March 4-7, 2010, 2010

Planting the seeds for Future Collaboration: a Joint Engineering and Architecture Course in Sustainable Design, P. Charles & Ch. Thomas, 2009 Northeast American Society of Engineering Education Conference, University of Bridgeport, Bridgeport, CT. April 3-4, 2009 2009

Charles, P. and Thomas, C. Four approaches to teaching with building performance simulation tools in undergraduate architecture and engineering education. In: *Journal of Building Performance Simulation*, 2, (2) 95-114 2009

Charles, P. and Thomas, C., 2009. Building performance simulation in undergraduate multidisciplinary education: learning from an Architecture and Engineering collaboration. *Proceedings 11th International Building Performance Simulation Association Conference*, Glasgow, Scotland. 2009

Charles, P. and Dermody, R. Linkage: The Undergraduate Materials and Methods Lecture Course and its Companion Studio, Conference of the Building Technology Educators' Society, University of New Mexico, Albuquerque, N.M. August 6 - 8, 2009 2009