



**Carnegie Mellon University**

School of Architecture  
College of Fine Arts | CFA201  
Carnegie Mellon University  
Pittsburgh, PA 15213.3708  
stevelee@andrew.cmu.edu  
+ 1.412.268.3528(v)  
+ 1.412.268.7819(f)

**Stephen R. Lee, AIA, LEED® AP**

Professor, School of Architecture

**Educational Background**

Master of Architecture in Advanced Building Studies (1977) Carnegie Mellon

Bachelor of Architecture (1975) Carnegie Mellon

**Professional Background**

Professor, School of Architecture, Carnegie Mellon University (CMU), Pittsburgh, PA (1981–current)

Faculty, Center for Building Performance & Diagnostics (1987–current)

Visiting Associate Professor, University of Tokyo; Endowed Chair, Urban Environment Systems, RCAST (1993)

Cofounder/ Consulting Principal, TAI + LEE, Architects PC, Pittsburgh, PA (1981–current)

Senior Consultant, Romualdi, Davidson and Associates, Forensic Engineering, Monroeville, PA (1988–current)

**Design, Research and Teaching Activities**

Professor Lee served the School of Architecture as department head for twelve years (2008–2020) and is now directing and teaching in the Design/ Build Studio for the school's 1<sup>st</sup> professional degree programs. He was the faculty adviser for the three SoA Solar Decathlon teams (2002, 2005 & 2007) and his teaching activities have resulted in the integration of undergraduate and graduate courses related to design, environment, materials, structures and construction. Design Intelligence magazine selected Professor Lee as one of 2019's "25 Most Admired Educators".

Professor Lee's scholarly and practice activities focus on issues of systems integration, material innovation, renewable energy and the integrated design process for high performance commercial and residential architecture. He is a LEED accredited professional and has provided sustainable design consulting services for institutional and commercial clients in Europe, Asia, Canada and the United States. Innovative sustainable projects on which Professor Lee has been involved include the Armstrong World Industries Susquehanna House (Lancaster, PA), the Jean Canfield Government of Canada Building (Charlottetown, PEI), the PA Department of Environmental Protection South Central Office Building (Harrisburg, PA), Alcoa Fjardeal Smelter (Reydarfjordur, Iceland), Energy Innovation Center, International Union of Operating Engineer's Training Facility and Phipps Conservatory (Pittsburgh, PA) and the Robert L. Preger Intelligent Workplace, Stever House, Henderson House, the CIC Building and the Gates Center (Carnegie Mellon Campus). His consulting work with the PA Department of Environmental Protection resulted in a new standard for healthy, flexible, adaptable and energy & environmentally effective buildings in the Commonwealth.

**Committees**

Professor Lee is a standing member of the SoA School Review Committee.

He was recently a Merit Review Committee Member for the American Recovery and Reinvestment Act Lab Call #009-002 and earlier in his career was a member of the Committee on New Technology and Innovation in Building, of the Building Research Board, National Research Council (1990–91), the Advisory Committee of the Pittsburgh Green Building Alliance (1995–99) and he was the co-founder/director of the Pennsylvania Advanced Technology Housing Consortium (1989–91).

**Selected Professional Practice Activities**

Project Re\_Con: architect of record completing the Urban Design/ Build Studio project led by John Folan at Carnegie Mellon University of two three-story sustainable, infill units for East Liberty Development, Inc. (ELDI).

Community Options: principal in charge of full architectural services for a 25,000 sf adaptive reuse of a 100-year-old brick building on Pittsburgh's Southside for a non-profit serving the needs of people with disabilities.

Manion Way: principal in charge of architectural services for a new three-story infill residence for a private developer in Pittsburgh's Lawrenceville neighborhood.

Castlegate Green: principal in charge of the management building for this 51-unit affordable housing development in Mt. Lebanon, PA for The Community Builders and Three Rivers Communities, Inc.

**Selected Publications/ Presentations**

Lee, Stephen R; "A Paradigm Shift To Enable Sustainable Housing"; Proceedings of the US-Israel Workshop on: Sustainable Buildings – Materials and Energy; Technion; Haifa, ISRAEL; 13 July 2010.

Lee, Stephen; "The Future of Housing – Design, Technology, Construction"; AIME Keynote Session, The Role of Engineers in Meeting 21<sup>st</sup> Century Societal Challenges; TMS2008; New Orleans, LA; 12 March 2008.

Lee, Stephen; "The Future of Housing"; 2<sup>nd</sup> Annual Alternative Energy Now Conference; Orlando, FL; 21 February 2008.