

W. MAX KIRK
Biographical Sketch

Associate Professor School of Design and Construction (SDC)
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A. EDUCATION

Doctor of Philosophy in Administration, Curriculum and Instruction
University of Nebraska - Lincoln, May 2000

Master of Science in Technology
Arizona State University, May 1990

Bachelor of Arts in Education
Eastern Washington University, June 1985

Bachelor of Science in Construction Management
Washington State University, June 1977

B. ADMINISTRATIVE / ACADEMIC APPOINTMENTS

Administrative

Interim Director School of Design and Construction (SDC) (2013-2014)
Assistant Director School of Design and Construction (SDC) (2006-2013)
Coordinator of Construction Management (2001-2013)
Washington State University, Pullman, Washington

Department Chair Department of Construction Management (1999-2001)
University of Nebraska-Lincoln, Lincoln, Nebraska

Academic

Associate Professor School of Architecture and Construction Management (2001-present)
Washington State University, Pullman, Washington

Associate Professor Department of Construction Management (1996-2001)
Assistant Professor Department of Construction Management (1991-1996)
University of Nebraska-Lincoln, Lincoln, Nebraska

Faculty Associate Department of Construction (1987-1991)
Arizona State University, Tempe, Arizona

C. INVENTIONS and PATENTS

Awarded patent No. 6,213,117 (2000) for a *Motorized, Insulated Damper Assembly for Indoor Air Quality* to meet the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) fresh air intake code. Device allows outside air as described by the International Mechanical Code to be injected into the return air-duct of a forced air system, then seals, preventing unwanted hot /cold air from entering buildings.

D. RESEARCH (past 5 years)

Spring 2014 Lead PI B. Lamb, Co-PI's, D. Cook, B. T. Jobson, W. M. Kirk, S. Pressley, V. Walden
EPA-G1014 Indoor Air and Climate Change; Title: *Integrated Measurements and Modeling Using
US Smart Homes to Assess Climate Change Impacts on Indoor Air Quality.*
Grant Funded \$996,588.00

Spring 2013 Lead PI: D. Moore, Co-PI, W. Kirk, R. Cherf, J. Peschel, J. Vaux - Social & Economic
Sciences Research Center Washington State University titled *Afghanistan Construction Market
Analysis Survey* - Grant Proposal \$ 274,000. Not funded.

Summer 2012 PI: W.M. Kirk, Co-PI's; D. Bender, B. T. Jobson, & S. Pressley. Strategic Investments for
Research Excellence (SIRE). Title of Proposal: Center for Indoor Air Quality and Health:
Toxicology of the Built Environment. Proposed Grant application \$100,000 Not Funded.

Summer 2012 PI; W.M. Kirk, Co-PI's; D. Bender, B. T. Jobson, S. Pressley, & M. Schmitter-
Edgecombe . Titled of Proposal: Toxicology of the Built Environment: Energy Efficient
Buildings, Indoor Air Quality and Health. Proposed Grant application \$100,000 Not Funded.

Spring 2011 Co-PI: W. Kirk, D.A. Bender, R.F. Richards - National Institute of Standards and
Technology (NIST) for a new 13,800 square foot research building titled *Laboratory for High-
Performing Building Envelopes*. Proposed grant application \$5,014,960.00. Not funded.

Spring 2010 Co-PI: M.P. Wolcott, D.A. Bender, M. Kirk, et.al - National Institute of Standards and
Technology (NIST) for a new 52,330 square foot research building titled *Research Facility for High
Performing and Sustainable Infrastructure*. Proposed grant application \$39,129,515.00. Not funded.
Note: Although the building was not awarded funding, the proposal has become the footprint of the
Clean Tech Building.

E. PUBLICATIONS (past 5 years)

Peschel, Jason B. & Kirk, W. Max. (2008). Integrated Education: Methods of Integrating Architecture &
Construction Management Curricula for Real World Application. Proceedings of the COBRA 2008,
The Royal Institute of Chartered Surveyors (RICS) Construction and Building Research Conference,
Dublin Institute of Technology, Dublin, Ireland.

F. OTHER

My leadership efforts and academic service during this time were mainly devoted to aiding the
University as it underwent major budget reductions. Some service activities included:

Fall 2010 - 2011	Elected <i>Chair of Washington State University Faculty Senate</i>
Fall 2010 - 2011	Appointed to <i>WSU NCAA Accreditation Committee</i>
Fall 2010 - 2012	Appointed to <i>WSU Parking Services Committee</i>
Fall 2010 - 2011	Appointed to <i>WSU Master Planning Committee</i>
Fall 2009 - 2012	Member of <i>WSU Faculty Senate Leadership Council</i>
Fall 2009 - 2010	Appointed Chair of <i>WSU Committee on Committees</i>
Fall 2008 - 2012	Appointed to <i>WSU Steering Committee</i>
Fall 2008 - 2009	Appointed to <i>WSU Assessment Committee</i>
Fall 2008 - 2009	Appointed to <i>WSU Curriculum Committee</i>
Fall 2008 - 2009	Elected <i>Chair of WSU Academic Affairs Committee.</i>