

Name Kevin R. Grosskopf

Educational Background

Ph.D., Architecture, University of Florida (1998)

M.S., Construction Management, University of Florida (1993)

B.S., Construction Engineering, Florida Agricultural & Mechanical University (1992)

Major Jobs/Assignments

2014-2020

Professor and Associate Director, Charles W. Durham School of Architectural Engineering and Construction, University of Nebraska-Lincoln

2009-2014

Associate Professor, Charles W. Durham School of Architectural Engineering and Construction, University of Nebraska-Lincoln

2002-2009

Assistant/Associate Professor, M.E. Rinker School of Construction, University of Florida

Sr. Associate, Engineering Research, Veterans Health Administration, U.S. Department of Veterans Affairs (VA)

Director, Center for Collective Protection, University of Florida

1999-2002

Commercial Analyst, Gainesville Regional Utilities (GRU), Gainesville, Florida

Adjunct Assistant Professor, University of Florida

1995-1999

Program Manager, Air Base Systems Branch, U.S. Air Force, Tyndall AFB, Florida

1993-1995

Staff Engineer, Applied Research Associates (ARA), Inc., Panama City, Florida

Licensure/Certifications

State of Florida Certified Building Contractor, #CBC1250624

Certified Energy Manager (CEM), #AEE9413

Certified OSHA 500 Construction Safety Outreach Trainer

Professional Associations/Affiliations

American Society for Health Care Engineering (ASHE) of the American Hospital Association (AHA)

American Society of Heating, Refrigeration and Air-conditioning Engineers (ASHRAE)

Associated General Contractors of America (AGC)

Association of Energy Engineers (AEE)

Sigma Lambda Chi (ΣΛΧ) International Construction Honor Society

Society of American Military Engineers (SAME)

Notable Awards

Modular Building Fellow Award (2021)

The Modular Building Institute (MBI)

Teaching Excellence Award (2017, 2018)

Parents Association and Teaching Council, University of Nebraska

Outstanding Educator Award (2015, 2018)

Durham School of Architectural Engineering and Construction, University of Nebraska

Holling Distinguished Senior Faculty Teaching Award (2017)

College of Engineering, University of Nebraska

Engineering Leadership Fellow (2015)

College of Engineering, University of Nebraska

National Outstanding Researcher Award (2014)

The Associated Schools of Construction (ASC)

National Outstanding Educator Award (2008)

The Associated General Contractors of America (AGC)

National Teaching Award (2007)

The Associated Schools of Construction (ASC)

Teaching Excellence ('Best Teacher') Award (2004, 2005, 2007, 2008)
M.E. Rinker, Sr. School of Building Construction, University of Florida
(Selected by the graduating Senior Class)
College Teacher of the Year (2005)
College of Design, Construction & Planning, University of Florida

Patents and Copyrights (1)

Moisture Control Construction Checklist (MC³) Software, Associated General Contractors of America (AGC)
Office of General Counsel, Washington, D.C. 2007.

Major Publications

Books, Sole Author (1)

Grosskopf, K.R. "*Operationalizing Sustainable Development*," UMI Bell & Howell, Ann Arbor, December 1998.

Books, Contribution of Chapters (4)

Smith, R.E., J.W. Elliott and K.R. Grosskopf. 2017. "*Off-site Construction in Education: A Survey of Prefabrication in Design and Construction Academics*," Chapter 9 - Offsite Architecture: Constructing the Future, London, UK. Routledge, pp. 142-152.

Grosskopf, K.R. and J. Sullivan. 2007. "*Safety and Sustainability of Monolithic Dome Structures in Hurricane Prone Regions*," Innovations in Structural Engineering and Construction, Xie and Patnaikuni, Ed., Melbourne, Australia. Taylor and Francis Group, pp. 1199-1204.

Kibert, C.J. and K.R. Grosskopf. 2007. "*Radical Sustainable Construction: Envisioning Next-Generation Green Buildings*," Chapter 9 - Ecofriendly Business: Approaches and Experiences, Sridhar Krishna, Ed., Hyderabad, India: The Icafi University Press, pp. 154-168.

Grosskopf, K.R. and D. Cutlip. 2006. "*Improving Safety and Sustainability of Affordable Housing*," Proceedings of the 2006 International Conference in the Built Environment in the 21st Century (IciBE) – Book Edition. Kuala Lumpur, Malaysia.

Journal Publications (32)

Grosskopf, K.R., J.W. Elliott and J.E. Killingsworth. "*Offsite Trends: Opportunities and Challenges for Prefabricated and Modular Construction*," pp. 46-56. Building Profits May/June 2020. Construction Financial Management Association (CFMA). 2020.

Mohammadi, A., K.R. Grosskopf and J.E. Killingsworth. "*An Experiential Online Training Approach for Underrepresented Engineering and Technology Students*," Journal of Education Sciences. Vol. 10, No. 46, pp. 1-13. MDPI. 2020.

Mohammadi, A., K.R. Grosskopf and J.E. Killingsworth. "*Workforce Development through Online Experiential Education for Engineering and Technology Education*," Journal of Adult Learning. Vol. 31, No. 1, pp. 27-35. American Association for Adult and Continuing Education (AAACE). Sage. 2019.

Mousavi, E.S. Rizi and K.R. Grosskopf. "*Renovation in Hospitals: A Case Study of Source Control Ventilation in Work Zones*," Advances in Building Energy Research. Vol. 14, No. 1, pp. 115-128. Taylor and Francis. 2018.

Grosskopf, K.R. and E. Mousavi Rizi. "*A Case Study in Developing an Integrated Project Delivery (IPD) Course*," The Professional Constructor. Vol. 42, No. 2, pp. 39-48. American Institute of Constructors (AIC). 2017.

Killingsworth, J.E., K.R. Grosskopf and G. Berghorn. "*Fixed Personnel Costs to Revenue for Construction Managers*," The Professional Constructor. Vol. 42, No. 2, pp. 76-89. American Institute of Constructors (AIC). 2017.

- Mousavi, E.S. Rizi and K.R. Grosskopf. “*Secondary Exposure Risks to Patients in an Airborne Isolation Room: Implications for Anteroom Design,*” *Building and Environment*. Vol. 104, pp. 131-137. Elsevier. 2016.
- Mousavi, E.S. Rizi and K.R. Grosskopf. “*Airflow Patterns Due to Door Motion and Pressurization in Hospital Isolation Rooms,*” *ASHRAE Science and Technology for the Built Environment*. Vol. 22, No. 4, pp. 379-384. Taylor & Francis. 2016.
- Mousavi, E.S. and K.R. Grosskopf. “*Directional Airflow and Ventilation in Hospitals: A Case Study of Secondary Airborne Infection,*” *Energy Procedia*, Vol. 78, pp. 1201-1206. Elsevier. 2015.
- Mousavi, E.S. and K.R. Grosskopf. “*Ventilation Rates and Airflow Pathways in Patient Rooms: A Case Study of Bioaerosol Containment and Removal,*” *Annals of Occupational Hygiene*. Vol. 59, No. 9, pp. 1,190-1,199. Oxford. 2015.
- Smith, R.E., K.R. Grosskopf and J.W. Elliott. “*Offsite Construction: Reaching the Tipping Point,*” *Journal of the National Institute of Building Sciences (NIBS)*. 2015.
- Grosskopf, K.R. and E. Mousavi Rizi. “*Ventilation and the Transport of Bioaerosols in Healthcare Environments,*” *ASHRAE Journal*. Vol. 57, No. 8, pp. 54-60. American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). 2014.
- Wang, E., Z. Shen and K.R. Grosskopf. “*Bench-Marking Energy Performance of Building Envelopes through a Selective Residual-Clustering Approach using High Dimensional Dataset,*” *Journal of Energy and Buildings*. Vol. 75, No. 1, pp. 10-22. Elsevier. 2014.
- Killingsworth, J.E. and K.R. Grosskopf. “*syNErgy: A Case Study in Convergent Parallel Design for Workforce Development,*” *Journal of Adult Learning*. Vol. 24, No. 3, pp. 95-103. American Association for Adult and Continuing Education (AAACE). Sage. 2013.
- Grosskopf, K.R. and K. Herstein. “*The Aerodynamic Behavior of Respiratory Aerosols within a General Patient Room,*” *International Journal of HVAC&R Research*. Vol. 18, No. 4, pp. 709-722. American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). 2012.
- Grosskopf, K.R. “*Post-Disaster Recovery and Reconstruction Safety Training,*” *International Journal of Disaster Resilience in the Built Environment*. Vol. 1, No. 3, pp. 322-333. Emerald. 2010.
- Grosskopf, K.R., P. Oppenheim and T. Brennan. “*Avoiding HVAC Defect Claims in Hot, Humid Climates,*” *ASHRAE Journal*. Vol. 50, No. 7, pp. 40-52. American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). 2008.
- Olbina, S., K.R. Grosskopf Johns, T. and M. Scicchitano. “*Perceptions of Scholarly Standards and Peer Review Guidelines in Technical Publication,*” *International Journal of Construction Education and Research*. Vol. 4, No. 3, pp. 210-226. Taylor & Francis. 2008.
- Grosskopf, K.R. and J. Kalberer. “*Potential Impacts of Ultra High Pressure (UHP) Technology on the National Fire Protection Association (NFPA) Standard 403,*” *Fire Safety Journal*. Vol. 43, No. 4, pp. 308-315. Elsevier. 2007.
- Kibert, C.J. and K.R. Grosskopf. “*Envisioning Next Generation Green Buildings,*” *Journal of Land Use and Environmental Law*. Vol. 23, No. 1, pp. 145-160. Florida State University. 2007.
- Grosskopf, K.R. and P. Oppenheim. “*Ultra High Pressure Water Stream Characterization and Optimization,*” *Journal of Applied Fire Science*. Vol. 15, No. 1, pp. 1-21. Baywood. 2007.
- Grosskopf, K.R., B. Celik, C. Song and P. Oppenheim. “*QA/QC Software to Mitigate Mold and other Indoor Air Quality (IAQ) Hazards in Construction,*” *International Journal of Construction Education and Research*. Vol. 3, No.1, pp. 35-50. Taylor & Francis. 2006.
- Grosskopf, K.R. “*Evaluating the Societal Response to Anti-Terrorism Measures,*” *Journal of Homeland Security and Emergency Management*. Vol. 3, No. 2, pp. 76-86. Berkley Press. 2006.
- Grosskopf, K.R. and C.J. Kibert. “*Economic Incentive Model for Sustainable Energy Use in U.S. Construction,*” *Journal of Construction Management and Economics*. Vol. 24, No. 8, pp. 839-846. Spoon Press. 2006.
- Grosskopf, K.R. and C.J. Kibert. “*Developing Market-based Incentives for Green Building Alternatives,*” *Journal of Green Building*. Vol. 1, No.1, pp. 141-147. College Publishing. 2006.

- Grosskopf, K.R., W.J. Shepherd and P. Oppenheim. "Assessing the Financial Feasibility of Utility Provided Back-Up Power During Site Planning," *Journal of Energy Engineering*. Vol. 132, No. 1, pp. 2-7. American Society of Civil Engineers (ASCE). 2006.
- Grosskopf, K.R. "Airblast and Wind-load Safety Films: A Case Study in All-Hazard Building Codes," *The Professional Constructor*. Vol. 29, No. 2, pp. 33-40. American Institute of Constructors (AIC). 2005.
- Grosskopf, K.R. "Assessing the Effectiveness of Hazard Mitigation: A Case Study of Manufactured Housing and the 2004 Hurricane Season," *Journal of Emergency Management*. Vol. 3, No. 5, pp. 27-32. Inderscience. 2005.
- Grosskopf, K.R. "Protective Window Safety Films: A Case Study in ASTM All-Hazard Building Code Standards," *Journal of ASTM International (JAI)*. Vol. 2, No.7, pp. 445-453. American Society for Testing and Materials (ASTM) International. 2005.
- Grosskopf, K.R. "Teaching Methods Improvement Using Industry Focus Groups: A Case Study in Project Financing and Construction Business Operations," *International Journal of Construction Education and Research*. Vol. 1, No.1, pp. 13-25. Taylor & Francis. 2004.
- Grosskopf, K.R. "Investing in Green Building Alternatives: U.S. Consumer Willingness to Pay," *International Electronic Journal of Construction*. Special Issue: The Future of Sustainable Construction, pp. 1-8 (online). University of Florida. 2003.
- Grosskopf, K.R. "Non-Ozone Depleting Mobile Heat Pump," *Military Engineer*. Vol. 88, No. 579, pp. 54-55. 1996.

Conference Proceedings (71)

- Grosskopf, K.R, J. Elliott and N. J. Killingsworth. "Modular Multifamily Construction: A Field Study of Energy Code Compliance and Performance Through Offsite Prefabrication," *Proceedings of the 2022 Buildings XV International Conference*. American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and Oak Ridge National Laboratory (ORNL). Clearwater, FL. December 2022.
- Grosskopf, K.R, J. Elliott and N. J. Killingsworth. "Modular Multifamily Construction: Energy Code Compliance and Performance Through Offsite Prefabrication," *Proceedings of the 5th International Conference on Building Energy and Environment*. Montreal (Canada). July 2022.
- Barrows, M. and K.R. Grosskopf, K.R. "Integrated Project Delivery (IPD) for Trade Contractors," *Proceedings of the 2022 Annual International Conference*. Associated Schools of Construction (ASC). Atlanta, GA. April 2022.
- Grosskopf, K.R., P. Arnold, R. Lautz, E. Mousavi and J. Lau. "The Effects of Ventilation on Bioaerosol Concentrations in Long-Term (LTC) Environments," *Proceedings of the 8th International Building Physics Conference (IBPC2021)*. Copenhagen (Denmark). August 2021.
- Grosskopf, K.R., E.S. Mousavi and J. Lau. "Applications for Ultraviolet Germicidal Irradiation (UVGI) in Hospital Isolation Anterooms," *Proceedings of the 2019 Conference on the Built, Natural, and Social Environments: Impacts on Exposures, Health and Well-Being*. International Societies of Exposure Science (ISES) and Indoor Air Quality and Climate (ISIAQ). Kaunas (Lithuania), August 2019.
- Grosskopf, K.R. and J. Puckett. "Characteristics of ASC Legacy Schools," *Proceedings of the 2019 Annual International Conference*. Associated Schools of Construction (ASC). Denver, CO. March 2019.
- Mousavi, E.S. and K.R. Grosskopf. "Renovation in Hospitals: A Case Study of Source Control Ventilation in Work Zones," 2018 Fall Colloquium – Associated Schools of Facility Management. Charlotte, NC. Oct 2018.
- Grosskopf, K.R. "Evidence-Based Standards in US Hospitals – Ventilation Rates vs Incidence of Hospital Acquired Infections," *Proceedings of the 2018 World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS)*. Prague (Czech Republic). June 2018.
- Grosskopf, K.R. "A Case Study in Integrated Project Delivery (IPD)," *Proceedings of the 2018 Constructor Conference*. American Institute of Constructors (AIC). Orlando, FL. May 2018.

- Thompson, A. and K.R. Grosskopf. "Residential Construction Energy Code Compliance in Nebraska," Proceedings of the 2018 Annual International Conference. Associated Schools of Construction (ASC). Minneapolis, MN. March 2018.
- Smith, R., J.W. Elliot and K.R. Grosskopf. "Offsite Construction Education: Results of a Survey of Prefabrication in Design and Construction Academics," Proceedings of the Building Technology Educators' Society (BTES) Conference. Des Moines, IA. June 2017.
- Mousavi, E.S. and K.R. Grosskopf. "A Case Study in Developing an Integrated Project Delivery (IPD) Course," Proceedings of the 2017 Annual International Conference. Associated Schools of Construction (ASC). Seattle, WA. April 2017.
- Mohammadi, A. and K.R. Grosskopf. "Project IMPACT: Developing a Manufactured Construction Workforce through Contextualized Training," Proceedings of the 2017 Annual International Conference. Associated Schools of Construction (ASC). Seattle, WA. April 2017.
- Grosskopf, K.R., J.W. Elliott and J.E. Killingsworth. "Offsite Construction – U.S. Market Trends in Prefabrication," Proceedings of the International Conference on Sustainable Smart Manufacturing (S2M). Lisbon (Portugal). October 2016.
- Mousavi, E.S. and K.R. Grosskopf. "Innovative Bed Design in Airborne Infection Isolation Rooms," Proceedings of Indoor Air 2016 - the 14th International Conference on Indoor Air Quality and Climate. Ghent (Belgium). July 2016.
- Grosskopf, K.R. and E.S. Mousavi. "Environmental Infection Control during Hospital Construction and Renovation," Proceedings of Indoor Air 2016 - the 14th International Conference on Indoor Air Quality and Climate. Ghent (Belgium). July 2016.
- Grosskopf, K.R. and E.S. Mousavi. "Ventilation and the Transport of Bioaerosols in Healthcare Environments," Proceedings of Energy, Materials and Nanotechnology (EMN) Conference on Droplets 2016. San Sebastian (Spain). May 2016.
- Mohammadi, A. and K.R. Grosskopf. "Contextualized STEM Education through Advanced Visualization: Applications for Workforce Development in Offsite Construction," Proceedings of the 2016 Annual International Conference. Associated Schools of Construction (ASC). Provo, UT. April 2016.
- Grosskopf, K.R. and E.S. Mousavi. "Hospital IAQ: A Case Study in Best Management Practices during Construction and Renovation," Proceedings of the 2016 Annual International Conference. Associated Schools of Construction (ASC). Provo, UT. April 2016.
- Mousavi, E.S. and K.R. Grosskopf. "Directional Airflow and Ventilation in Hospitals: A Case Study of Secondary Airborne Infection," Proceedings of the 6th International Building Physics Conference (IBPC2015). Turin (Italy). June 2015.
- Grosskopf, K.R. and E.S. Mousavi. "Air Change Rate vs. Airflow Pathway: Bio-Aerosol Containment and Removal in Patient Rooms," Proceedings of the International Conference on Prevention and Infection Control (ICPIC2015). Geneva (Switzerland). June 2015.
- Grosskopf, K.R., C. Piper and R. Smith. "Offsite Business and Organizational Development: A Guide to Planning and Implementation," Proceedings of the 2015 Modular and Offsite Construction Summit & 1st International Conference on the Industrialization of Construction (ICIC). Edmonton (Canada). May 2015.
- Mousavi, E.S. and K.R. Grosskopf. "Internal Contaminant Source Dilution and Filtration in Dedicated Outdoor Air Systems (DOAS)," International Conference on Sustainable Design, Engineering and Construction (ICSDEC). Chicago, IL. May 2015.
- Mousavi, E.S. and K.R. Grosskopf. "Ventilation and Transport of Bioaerosols in Healthcare Environments – New Insight into Hospital Corridor Design," Proceedings of Indoor Air 2014 - the 13th International Conference on Indoor Air Quality and Climate. Hong Kong (PRC). July 2014.
- Mousavi E.S. and K.R. Grosskopf. "Transport of Respiratory Aerosols in Patient Corridors Subject to Directional and Non-Directional Airflow – A Case Study," Transactions - Proceedings of the 2014 Annual Conference. American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). Seattle, WA. June 2014.

- Esmaeili, B., K.R. Grosskopf and A. Javernick-Will. "The Influence of National Culture on Effectiveness of Safety Trainings during Post-Disaster Reconstruction," Proceedings of the 10th International Conference of the International Institute for Infrastructure Resilience and Reconstruction (I³R²). West Lafayette, IN. May 2014.
- Na, R., S. Lin, L. Gu, Z. Shen, and K.R. Grosskopf. "Impact of Air Leakage through Recess Lighting Fixtures on the Energy Performance of Residential Buildings – A Case Study," Proceedings of the 2013 Central Europe Sustainable Building (CESB13) Conference. Prague (Czech Republic). July 2013.
- Grosskopf, K.R. "Balancing Ventilation and Energy Use in Hospitals: A Case Study of Bioaerosol Transport in Healthcare Environments," Proceedings of the International Conference on Prevention and Infection Control (ICPIC2013). Geneva (Switzerland). June 2013.
- Grosskopf, K.R. "The Ventilation Paradox: Balancing Indoor Air Quality and Energy Use in Hospitals," Proceedings of the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings (CLIMA2013). Prague (Czech Republic). June 2013.
- Shen, Z., K.R. Grosskopf and S. Lin. "Investigating the Potential of Self-Cooling Wall Systems in Reducing Building Summer Peak Cooling Load," Proceedings of the 3rd Asian Conference on Sustainability, Energy and the Environment (ACSEE13). Osaka (Japan). June 2013.
- Shen, Z., L. Jiang, K.R. Grosskopf and C. Berryman. "A BIM Based Interactive 3D Web Environment for Energy Retrofit Training," Proceedings of the 2012 Construction Research Congress (CRC). American Society of Civil Engineers (ASCE). West Lafayette, IN. May 2012.
- Lepper, M. and K.R. Grosskopf. "Smoke Detector Retrofits in Low-Income Multifamily Buildings," Proceedings of the 2012 Annual International Conference. Associated Schools of Construction (ASC). Birmingham (United Kingdom). April 2012.
- Killingsworth, J.E. and K.R. Grosskopf. "Retooling Recession Displaced Workers for Green Collar Jobs," Proceedings of the 2012 Annual International Conference. Associated Schools of Construction (ASC). Birmingham (United Kingdom). April 2012.
- Grosskopf, K.R. "The Aerodynamic Behavior of Respiratory Aerosols," Proceedings of the International Conference on Prevention and Infection Control (ICPIC2011). Geneva (Switzerland). June 2011.
- Grosskopf, K.R. "Post-Disaster Recovery and Reconstruction Safety Training," Proceedings of the 2010 World Congress, International Council for Research and Innovation in Building and Construction (CIB). Salford (United Kingdom). May 2010.
- Grosskopf, K.R. "Reducing Carbon Footprint through Market Based Demand Side Energy Management," Proceedings of the 2008 World Sustainable Building Conference (SB08). Melbourne (Australia). September 2008.
- Grosskopf, K.R. and E. Lucas. "Identifying the Causes of Moisture-Related Defect Litigation in U.S. Building Construction," Proceedings of the 2008 Construction, Building and Real Estate Research Conference (COBRA), Royal Institution of Chartered Surveyors (RICS). Dublin (Ireland). September 2008.
- Grosskopf, K.R. "Use of Disaster Simulation Software to Identify Reconstruction Worker Training Needs," Proceedings of the 3rd Built Environment Conference (BEC), Association of Schools of Construction of Southern Africa (ASOCSA). Cape Town (South Africa). July 2008.
- Olbina, S. and K.R. Grosskopf. "Perceptions of Scholarly Standards and Peer Review Guidelines in Technical Publication," Proceedings of the 2008 Annual International Conference. Associated Schools of Construction (ASC). Auburn, AL. April 2008.
- Grosskopf, K.R. "Worker Safety Training for OSHA "Focus Four" Disaster Reconstruction Hazards," Proceedings of the 2008 International Conference: Evolution and Directions in Construction Safety and Health. International Council for Research and Innovation in Building and Construction (CIB), Gainesville, FL. March 2008.
- Grosskopf, K.R. and P. Oppenheim. "Energy Conservation through Commercial and Industrial (C&I) Demand-Side Management (DSM)," Proceedings of the 7th International Conference for Enhanced Building Operations (ICEBO). San Francisco, CA. November 2007.

- Grosskopf, K.R. and J. Sullivan. “*Safety and Sustainability of Monolithic Dome Structures in Hurricane Prone Regions,*” Proceedings of the 4th International Structural Engineering and Construction Conference (ISEC-4). Melbourne (Australia). September 2007.
- Grosskopf, K.R. “*Hurricane Damage and Flood Simulation for Coastal and Inland Communities in Florida,*” Proceedings of the CITC-IV: Construction in the 21st Century: Advancing Engineering, Management and Technology. Griffith University. Queensland (Australia). July 2007.
- Celik, B., K.R. Grosskopf and C.J. Kibert. “*Value Engineering using Linear Programming: Optimizing the Benefit-Cost of High Performance Buildings,*” Proceedings of the CME25: Construction Management and Economics: Past, Present and Future. University of Reading, Reading (United Kingdom). July 2007.
- Oppenheim, P and K.R. Grosskopf. “*The Laboratory Component of a Climate Control Course in a Construction Management Program,*” Proceedings of the 2007 Annual International Conference. Associated Schools of Construction (ASC). Flagstaff, AZ. April 2007.
- Grosskopf, K.R. “*Ultra-High Pressure (UHP) Water Mist for Next Generation Fire Protection in the Built Environment,*” Proceedings of the 2006 World Conference on Accelerating Excellence in the Built Environment (WCAEBE). Birmingham (United Kingdom). October 2006.
- Kibert, C.J. and K.R. Grosskopf. “*Radical Sustainable Construction: Envisioning Next-Generation Green Buildings,*” Proceedings of Rethinking Sustainable Construction (RSC). Sarasota, FL. September 2006.
- Celik, B.G., K.R. Grosskopf, C.J. Kibert, S. Olbina and H. Aytug. “*A Methodology to Optimize Indoor Air Quality in Commercial Buildings,*” Proceedings of Rethinking Sustainable Construction (RSC). Sarasota, FL. September 2006.
- Grosskopf, K.R. and D. Cutlip. “*Safety, Sustainability and Public Perception of Manufactured Housing in Hot, Humid Climates,*” Proceedings of the 15th Symposium on Improving Building Systems in Hot and Humid Climates. Orlando, FL. July 2006.
- Grosskopf, K.R. and D. Cutlip. “*Improving Safety and Sustainability of Affordable Housing,*” Proceedings of the 2006 International Conference in the Built Environment in the 21st Century (IciBE). Kuala Lumpur (Malaysia). June 2006.
- Grosskopf, K.R. “*QA/QC Software to Mitigate Mold, Mycobacteria and other Occupational Health Hazards in Construction,*” Proceedings of the 2006 Annual International Conference. Associated Schools of Construction (ASC). Fort Collins, CO. April 2006.
- Grosskopf, K.R. “*Hurricane Survivability for Underrepresented Populations Living in Manufactured Housing: A Case Study in Post 1994 HUD Code Methods,*” Proceedings of the CITC-III: Construction in the 21st Century: Advancing Engineering, Management and Technology. National Technical University of Athens (NTUA). Athens (Greece). September 2005.
- Grosskopf, K.R. “*CMU Elastomers and Window Safety Films: Innovative Retrofit Technologies for Airblast and Windload Protection,*” Proceedings of the CITC-III: Construction in the 21st Century: Advancing Engineering, Management and Technology. National Technical University of Athens (NTUA). Athens (Greece). September 2005.
- Grosskopf, K.R., C.J. Kibert and P. Oppenheim. “*Market-based Incentive/Disincentive (I/D) Model for Sustainable Energy Use in Residential Construction,*” Action for Sustainability: Proceedings of the 2005 World Sustainable Conference. Tokyo (Japan). September 2005.
- Kibert, C.J. and K.R. Grosskopf. “*Radical Sustainable Construction: Envisioning Next-Generation Green Buildings,*” Action for Sustainability: Proceedings of the 2005 World Sustainable Conference. Tokyo (Japan). September 2005.
- Grosskopf, K.R. “*Project Simulation in Construction Finance Education,*” Transactions – Proceedings of the 49th AACE Annual International Conference. The Association for the Advancement of Cost Engineering (AACE) International. New Orleans, LA. June 2005.
- Grosskopf, K.R. “*Hurricane Survivability for Underrepresented Populations Living in Manufactured Housing,*” Proceedings of the Institute of Industrial Engineers 2005 Annual Conference. Atlanta, GA. May 2005.

- Leung, N., K.R. Grosskopf and L. Zhan. "A Dynamic Boolean Model of Roll-Over Financing for Residential Real Estate Development in China," Proceedings of the American Society of Civil Engineers (ASCE) Construction Research Congress 2005. San Diego, CA. April 2005.
- Grosskopf, K.R. "Airblast and Wind-load Safety Films: A Case Study in All-Hazard Building Codes," Proceedings of the 2005 Annual International Conference. Associated Schools of Construction (ASC). Cincinnati, OH. April 2005.
- Grosskopf, K.R. "Market-Based Incentives for Green Building Alternatives: A Case Study of Water Resource Management in Rapidly Developing Countries," Proceedings of the 1st International Intelligent and Green Building Technologies and Products Conference. Beijing (China). March 2005.
- Grosskopf, K.R. "Protective Window Safety Films: A Case Study in ASTM All-Hazard Building Code Standards," Proceedings of the 2004 ASTM Symposium on Building Security in and Age of Terrorism. ASTM Committee F12 on Security Systems and Equipment. Washington, D.C. October 2004.
- Circeo, L. and K.R. Grosskopf. "Development of an Air Force Base Waste Processing System," Proceedings of the ASME International Mechanical Engineering Congress and Exposition (IMECE). American Society of Mechanical Engineers (ASME). Atlanta, GA. November 1996.
- Circeo, L., K.R. Grosskopf and R. Gregory. "Mobile Processing and Treatment Systems for Solid, Biological, and POL Wastes," Proceedings of the CIB International Conference on Construction Modernization and Education. Beijing (China). October 1996.
- Grosskopf, K.R. "Advanced Cycle Heat Pump: High Efficiency Non-ODP Units," 1st Annual Strategic Environmental R & D Program (SERDP) Symposium. Washington, D.C. April 1995.
- Kibert, C.J., K.R. Grosskopf and Peng, C.L. "Sustainable Development and the Environment: U.S. and International Trends," Proceedings of the 1st International Conference on Sustainable Construction. CIB TG 16, Tampa, FL. November 1994.
- Grosskopf, K.R. "Greywater Resources and Reuse Systems Technology," Proceedings of the 1st International Conference on Sustainable Construction. CIB TG 16, Tampa, FL. November 1994.
- Peng, C.L., K.R. Grosskopf and C.J. Kibert. "Construction Waste Management and Recycling Strategies in the U.S.," Proceedings of the 1st International Conference on Sustainable Construction. CIB TG 16, Tampa, FL. November 1994.
- Butz, J.R., R.W. Marmaro, R. Tetla, and K.R. Grosskopf. "Fine Water Mists for Suppression of Class B Fuel Fires," Proceedings of the 1994 Halon Options Technical Working Conference, Center for Global Environmental Technologies, New Mexico Engineering and Research Institute (NMERI), Albuquerque, NM. May 1994.
- Grosskopf, K.R. "Advanced Fire Suppression Test Cell (AFSTC): A Full-Scale Agent Evaluation and Logistics Platform for Halon 1301 Replacement," Proceedings of the 1994 Halon Options Technical Working Conference, Center for Global Environmental Technologies, New Mexico Engineering and Research Institute (NMERI), Albuquerque, NM. May 1994.
- Kibert, C.J. and K.R. Grosskopf. "The Effects of Environmental Law on Construction in the U.S.," Proceedings of Buildings and Environment. BRE, Garston, Watford (United Kingdom), May 1994.

Other Publications (42)

- Grosskopf, K.R. “*Modular Air Leakage Evaluation.*” Final Report to the National Renewable Energy Laboratory (NREL). U.S. Department of Energy (DOE) August 2022, 30 pp.
- Grosskopf, K.R. “*Green Jobs Pathways to Communities of Color in Milwaukee.*” Final Report to the Better Buildings Workforce Accelerator (BBWA) Program. U.S. Department of Energy (DOE) March 2021, 16 pp.
- Grosskopf, K.R. “*Ventilation in Residential Care Environments.*” Final Report to the National Renewable Energy Laboratory (NREL). U.S. Department of Energy (DOE) March 2021, 76 pp.
- Barrows, M. and K.R. Grosskopf. “*Integrated Project Delivery Guide for HVAC and Mechanical Contractors.*” Final Report to the Sheet Metal and Air Conditioning Contractors’ National Association (SMACNA). December 2020, 15 pp.
- Grosskopf, K.R. “*Emergency Supplies Storage.*” Technical Guide for the Building America Solutions Center (BASC). Office of Energy Efficiency and Renewable Energy (EERE) U.S. Department of Energy (DOE) September 2020, 11 pp.
- Grosskopf, K.R. “*Design for Windstorm and Tornado Protection.*” Technical Guide for the Building America Solutions Center (BASC). Office of Energy Efficiency and Renewable Energy (EERE) U.S. Department of Energy (DOE) August 2020, 7 pp.
- Grosskopf, K.R. “*Storm Shelters and Safe Rooms.*” Technical Guide for the Building America Solutions Center (BASC). Office of Energy Efficiency and Renewable Energy (EERE) U.S. Department of Energy (DOE) August 2020, 21 pp.
- Mousavi, E.S., Betz, F., Lautz, R., and K.R. Grosskopf. Academic Research to Support Facility Guidelines Institute & ANSI/ASHRAE/ASHE Standard 170. ASHRAE RP-03. October 2017, 75 pp.
- Mohammadi, A. and K.R. Grosskopf. “*CNC E-learning Exercises.*” Training Manual to the U.S. Department of Labor (DOL) IMPACT Consortium. April 2015, 174 pp.
- Torraco, R., K. Loden, D. Giese, H. Hamel, K. Woitaszewski, D. Hamilton, D. Holt, S. Grudzinski, J. Peterson-Jones and K.R. Grosskopf. “*Contextualized Basic Skills Development and Integration Guide: Vol. 1-2.*” Training Manual to the U.S. Department of Labor (DOL) IMPACT Consortium. September 2014, 319 pp.
- Elliott, J.W. and K.R. Grosskopf. “*Off-Site Construction, Modularization, and Sheet Metal Prefabrication: Trends, Current Practice, and Recommendations.*” Final Report to the New Horizons Foundation (NHF). December 2014, 33 pp.
- Shen, Z. and K.R. Grosskopf. “*Veterans Commissioning Training Program for Commercial Healthcare Facilities.*” Final Report to the U.S. Department of Energy (DOE). October 2013, 113 pp.
- Shi, J., Chini, A., Grosskopf K.R., et al. “*Building Energy Efficient Homes for America (BEEHA).*” Final Report to the U.S. Department of Energy (DOE). January 2013, 321 pp.
- Killingsworth, J.E., Carr, H. and K.R. Grosskopf. “*Green Energy Academy – Educational Service Unit (ESU-4).*” Training Manual to the Nebraska Department of Labor (NDOL). December 2012, 106 pp.
- Simonton W., Miller C. and K.R. Grosskopf. “*Mechanical Systems Efficiency and Management for Light Commercial Buildings – Units 1-2.*” Training Manual to the Nebraska Department of Labor (NDOL). October 2012, 496 pp.
- Kranz W., Werner H., Go A. and K.R. Grosskopf. “*Irrigation Energy Audit Manual.*” Training Manual to the Nebraska Department of Labor (NDOL). July 2012, 181 pp.
- Miller C. and K.R. Grosskopf. “*Lighting and Energy Management for Commercial Buildings: Units 1-3.*” Training Manual to the Nebraska Department of Labor (NDOL). March 2012, 859 pp.
- Hudgins J. and K.R. Grosskopf. “*Wind 101.*” Training Manual to the Nebraska Department of Labor (NDOL). December 2011, 423 pp.
- Hamilton D., Torraco R., Killingsworth J.E. and K.R. Grosskopf. “*Pre-Vocational Boot Camp Workbook.*” Training Manual to the Nebraska Department of Labor (NDOL). September 2011, 178 pp.

- Grosskopf, K.R. “*Moisture Control Construction Checklist (MC³): Training and QA/QC Software to Mitigate Mold and Other Moisture-Related Asthma Triggers in Residential, Public and Commercial Construction.*” Final Report to the U.S. Environmental Protection Agency (EPA). December 2010, 251 pp.
- Grosskopf, K.R. “*Post-Disaster Recovery and Reconstruction Training for Electrical Workers,*” Final Report to the National Electrical Contractors Association (NECA). June 2009, 137 pp.
- Grosskopf, K.R. “*Safety Training for Hurricane Reconstruction,*” Training Manual to the U.S. Occupational Safety and Health Administration (OSHA). November 2008, 224 pp.
- Kibert, C.J., Grosskopf, K.R., and E. Kramer. “*Hurricane Waste Management and Recycling,*” Final Report to the Florida Center for Solid and Hazardous Waste Management (FCSHW). August 2008, 144 pp.
- Grosskopf, K.R., Bailey R., Ezzell, Z., and P. Fishwick. “*Comparative Analyses of Fire Intensity Using NFPA 403 Agent Application Rates and Quantities,*” Final Report to the Air Force Research Laboratory (AFRL) and Federal Aviation Administration (FAA). July 2008, 110 pp.
- Grosskopf, K.R. “*Energy Conservation through Commercial and Industrial Demand-Side Energy Management (DSM),*” Final Report to Gainesville Regional Utilities (GRU), September 2007, 100 pp.
- Grosskopf, K.R. “*Construction Defect Claims Assessment,*” Final Report to the Associated General Contractors of America (AGC), Office of General Counsel. February 2007, 13 pp.
- Grosskopf, K.R. and E. Kramer. “*Hurricane Simulation and Damage Assessment,*” Final Report to the Alachua County Office of Emergency Management. January, 2007, 182 pp.
- Grosskopf, K.R. and E. Kramer. “*Hurricane Simulation and Damage Assessment,*” Final Report to the Nassau County Office of Emergency Management. January, 2007, 158 pp.
- Grosskopf, K.R. “*Ultra-High Pressure Water Stream Characterization and Optimization,*” Final Report to the U.S. Air Force Research Laboratory (AFRL). August 2006, 39 pp.
- Grosskopf, K.R. “*Hurricane Survivability in Manufactured Housing,*” Final Report to the M.E. Sr. Rinker Endowment Committee. December 2005, 4 pp.
- Grosskopf, K.R. “*Moisture Control Construction Checklist: MC³ - Industry Survey Results,*” Associated General Contractors of America (AGC), Education & Foundation. December 2005, 12 pp.
- Grosskopf, K.R. and P. Oppenheim. “*Moisture Control Construction Checklist: MC³,*” Final Report to the Associated General Contractors of America (AGC), Education & Foundation. July 2005, 233 pp.
- Grosskopf, K.R. “*A Seminar Series for Building Design and Construction Students, Faculty and Practitioners,*” Final Report to the Florida Sheet Metal and Roofing Association, Earl Blank Faculty Fellowship Committee. July 2005, 49 pp.
- Grosskopf, K.R. “*Moisture Control Construction Checklist: MC³,*” Final Report to the M.E. Sr. Rinker Endowment Committee. July 2005, 49 pp.
- Grosskopf, K.R. “*Biotechnology and Biodefense,*” Proceedings of the Summer Colloquium Series on Homeland Security, University of Florida. August 2004.
- Grosskopf, K.R. “*First Response and Public Safety,*” Proceedings of the Summer Colloquium Series on Homeland Security, University of Florida. July 2004.
- Grosskopf, K.R. “*Social and Behavioral Research on Terrorism,*” Proceedings of the Summer Colloquium Series on Homeland Security, University of Florida. June 2004.
- Grosskopf, K.R. “*Collective Protection in the Built Environment,*” Proceedings of the Collective Protection Workshop, University of Florida. October 2002.
- Grosskopf, K.R. and D. Newport. “*WATERGY: Comparisons of Water and Energy Resources Embodied in Potable Distribution for In-fill and Urban Sprawl Environments,*” Final Report to the Sierra Club. May 2001, 10 pp.
- Kibert, C.J. and K.R. Grosskopf: “*Comparison of the Unified Florida Building Code and the South Florida Building Code Product Approval Systems,*” Final Report to State of Florida Department of Community Affairs (DCA). September 1999, 33 pp.

Kibert, C.J. and K.R. Grosskopf. "Greywater Resources and Reuse Systems Technology," Final Report submitted to Building Construction Industry Advisory Committee (BCIAC). January 1995, 196 pp.

Kibert, C.J. and K.R. Grosskopf. "Guidelines for the Use of Reclaimed Water in Florida," Final Report submitted to Building Construction Industry Advisory Committee (BCIAC). October 1992.

Grants and Endowments (\$7,139,652)

Principal Investigator: "Modular Construction: Commercial Field Study of Energy Efficiency Code Compliance through Offsite Prefabrication," Office of Energy Efficiency and Renewable Energy (EERE), U.S. Department of Energy (US DOE), February 2020, \$500,000.

Principal Investigator: "Residential Buildings – Technical, Outreach, Research and Development Support," National Renewable Energy Laboratory (NREL), January 2020, \$400,000.

Principal Investigator: "An Integrated Project Delivery (IPD) Guide for Mechanical Contractors," Sheet Metal and Air Conditioning Contractors National Association (SMACNA), January 2020, \$25,000.

Principal Investigator: "Training and Recruiting for Careers in Heavy Construction using Equipment Simulation Technology," Beaver's Charitable Trust Grant, October 2018, \$600,500.

Co-Principal Investigator: "Commercial Energy Code Compliance Field Study," U.S. Department of Energy (US DOE), January 2018, \$50,284.

Co-Principal Investigator: "Residential Energy Code Compliance Field Study," U.S. Department of Energy (US DOE), May 2017, \$53,887.

Co-Principal Investigator: "The Nebraska Initiative – Benchmarking & Beyond (NIBB)," U.S. Department of Energy (US DOE), March 2017, \$121,831.

Co-Principal Investigator: "Evidence Based Research for ASHRAE Standard 170-2013," American Society of Healthcare Engineers (ASHE), American Institute of Architects (AIA) Facility Guidelines Institute (FGI) and American Society of Heating, Refrigeration and Air-conditioning Engineers (ASHRAE), November 2016, \$62,500.

Co-Principal Investigator: "HVAC and Sheet Metal Modularization: Industry Trends, Current Practice and Perceived Barriers," New Horizons Foundation, Sheet Metal and Air Conditioning Contractors National Association (SMACNA), June 2014, \$18,000.

Principal Investigator: "Innovations Moving People to Achieve Certified Training (IMPACT)," U.S. Department of Labor (US DOL), October 2012, \$865,557.

Co-Principal Investigator: "Building Energy Efficient Homes for America (BEEHA)," U.S. Department of Energy (US DOE), June 2010, \$660,345.

Co-Principal Investigator: "Veterans Commissioning Training Program for Commercial Healthcare Facilities," U.S. Department of Energy (US DOE), June 2010, \$405,738.

Principal Investigator: "Building a Green Economy: Nebraska State Energy Sector Partnership (SESP) and Training," U.S. Department of Labor (US DOL), January 2010, \$1,253,000.

Principal Investigator: "Post-Disaster Recovery and Reconstruction Training for Electrical Workers," National Electrical Contractors Association (NECA), August 2008, \$10,000.

Co-Principal Investigator: "Spanish/English, Low Literacy Worker Safety Training for Focus-Four Disaster Reconstruction Hazards," U.S. Occupational Safety and Health Administration (OSHA), September 2007, \$135,981.

Principal Investigator: "Comparative Analyses Using NFPA 403 Agent Application Rates and Quantities," Federal Aviation Administration (FAA) and Air Force Research Laboratory (AFRL), August 2007, \$56,018.

Co-Principal Investigator: "Hurricane Waste Management and Recycling," Florida Center for Solid and Hazardous Waste Management (FCSHW), State University System of Florida (SUS), July 2007, \$46,000.

Principal Investigator: “*Hurricane Resistant Roofing Systems in Florida: A Seminar Series for Building Design and Construction Students, Faculty and Practitioners*,” Florida Roofing, Sheet Metal and Air Conditioning Association (FRSA) Earl Blank Faculty Fellowship, May 2007, \$8,500.

Ed Proefke, Sr., Center for Collective Protection Endowment, University of Florida Foundation (UFF), April 2007, \$150,000.

Principal Investigator: “*Energy Conservation through Commercial and Industrial Demand-Side Energy Management (DSM)*,” Gainesville Regional Utilities (GRU), December 2006, \$15,696.

Principal Investigator: “*Construction Defect Claims Assessment*,” Associated General Contractors of America (AGC) Education and Research Foundation, November 2006, \$2,570.

Principal Investigator: “*Moisture Control Construction Checklist (MC3): Training and QA/QC Software to Mitigate Mold and Other Moisture-Related Asthma Triggers in Residential and Commercial Construction*,” U.S. Environmental Protection Agency (US EPA), August 2006, \$160,998.

Principal Investigator: “*Hurricane Simulation and Damage Assessment in Nassau and Alachua Counties*,” Hazard Mitigation Grant Program (HMGP), State of Florida, July 2006, \$22,250.

Principal Investigator: “*Hurricane Damage Simulation for Low-Income Housing in Florida*,” Research Faculty Appointment, College of Design, Construction and Planning, May 2006, \$2,500.

Principal Investigator: “*Ultra High Pressure (UHP) Water Stream Characterization and Optimization*,” Air Force Research Laboratory (AFRL), October 2005, \$23,214.

Principal Investigator: “*University Interdisciplinary Initiatives in Homeland Security*,” University of Florida Research and Graduate Programs (RGP), May 2004, \$100,000.

Principal Investigator: “*A Seminar Series for Building Design and Construction Students, Faculty and Practitioners*,” Florida Roofing, Sheet Metal and Air Conditioning Association (FRSA) Earl Blank Faculty Fellowship, May 2004, \$8,500.

Principal Investigator: “*Moisture Control Construction Checklist (MC3)*,” W.A. Klinger Memorial Research Grant, Associated General Contractors of America (AGC) Education and Research Foundation, March 2004, \$68,368.

Co-Principal Investigator: “*Comparison of the Unified Florida Building Code and the South Florida Building Code Product Approval Systems*,” State of Florida Department of Community Affairs (DCA), August 1999, \$7,415.

Co-Principal Investigator: “*JP-8 to Hydrogen Fuel Cell Reformer*,” Construction Engineering Research Laboratory (CERL), U.S. Army Corps of Engineers, September 1998, \$630,000.

Principal Investigator: “*Modular Catalytic Hydro-Thermal Conversion Unit for HAZMAT Waste Processing*,” Human Effectiveness and Logistics, Air Force Research Laboratory (AFRL), April 1998, \$350,000.

Principal Investigator: “*Non-Ozone Depleting Mobile Heat Pump*,” Strategic Environmental Research & Development Program (SERDP), U.S. Department of Defense (DoD), June 1996, \$300,000.

Co-Principal Investigator: “*Greywater Resources and Reuse Systems Technology*,” Building Construction Industry Advisory Committee (BCIAC), University of Florida, January 1994, \$25,000.

Teaching

<u>Term</u>	<u>Course</u>	<u>Evaluation (5.0 max)</u>
F22	CNST378 Construction Estimating I	4.49 (71 students)
	CNST476 Project Budget and Control	4.73 (30 students)
S22	CNST476 Project Budget and Control	4.67 (24 students)
F21	Sabbatical	
S21	CNST476 Project Budget and Control (<i>online</i>)	3.89 (25 students)
F20	CNST476/4760 Project Budget and Control (<i>online</i>)	4.35 (68 students)
S20	CNST476 Project Budget and Control	4.64 (18 students)
F19	CNST476/4760 Project Budget and Control	4.60 (59 students)
S19	CNST476 Project Budget and Control	4.71 (20 students)
F18	CNST476/4760 Project Budget and Control	4.54 (73 students)
S18	CNST476 Project Budget and Control	4.45 (17 students)
F17	CNST378 Construction Estimating I	4.86 (54 students)
	CNST476 Project Budget and Control	4.55 (52 students)
F16	CNST378 Construction Estimating I	4.46 (71 students)
	CNST476 Project Budget and Control	4.75 (46 students)
F15	CNST378 Construction Estimating I	4.58 (55 students)
	CNST476 Project Budget and Control	4.58 (51 students)
F14	CNST378 Construction Estimating I	4.47 (62 students)
	CNST476 Project Budget and Control	4.54 (29 students)
F13	CNST378 Construction Estimating I	4.32 (36 students)
	CNST476 Project Budget and Control	4.14 (39 students)
F12	CNST378 Construction Estimating I	4.43 (47 students)
	CNST476 Project Budget and Control	4.31 (37 students)
F11	CNST378 Construction Estimating I	4.30 (45 students)
	CNST476 Project Budget and Control	4.51 (39 students)
S11	CNST476 Project Budget and Control	4.09 (23 students)
F10	CNST476 Project Budget and Control	4.40 (39 students)
S10	CNST476 Project Budget and Control	4.31 (30 students)
S09	BCN3611 Estimating I	4.97 (63 students)
	BCN4753 Construction Financing	4.24 (70 students)
F08	BCN3611 Estimating I	4.82 (61 students)
S08	BCN3611 Estimating I	4.62 (55 students)
	BCN4753 Construction Financing	4.46 (66 students)
F07	BCN3611 Estimating I	4.64 (55 students)
	BCN4753 Construction Financing	4.68 (66 students)
S07	BCN3611 Estimating I	4.85 (61 students)
	BCN4753 Construction Financing	4.80 (61 students)
F06	BCN3611 Estimating I	4.47 (63 students)
	BCN4753 Construction Financing	3.82 (65 students)
Su06	BCN6621 Bidding Strategies	4.63 (18 students)
S06	BCN3500 Mechanical Systems I	4.33 (61 students)
	BCN4753 Construction Financing	4.66 (58 students)
F05	BCN3500 Mechanical Systems I	4.31 (72 students)
	BCN4753 Construction Financing	4.56 (59 students)
S05	BCN4753 Construction Financing	4.77 (58 students)
F04	BCN4753 Construction Financing	4.52 (61 students)
Su04	BCN6755 Construction Financial Management	4.40 (14 students)
S04	BCN3500 Mechanical Systems I	4.84 (50 students)
	BCN4753 Construction Financing	4.71 (63 students)
F03	BCN3500 Mechanical Systems I	4.86 (65 students)
	BCN4753 Construction Financing	4.42 (70 students)
Su03	BCN6621 Bidding Strategies	4.13 (11 students)
S03	BCN3500 Mechanical Systems I	4.64 (56 students)
	BCN4753 Construction Financing	4.72 (55 students)

F02	BCN1582 International Sustainable Development	4.35 (69 students)
	BCN4753 Construction Financing	4.35 (65 students)

Advising

Doctoral Committees: 13 (4 Chair/Co-Chair)
 Master's Committees: 31 (11 Chair)

Advisor to student chapter of the Associated General Contractors of America (AGC) 2002-2004; 2009-2018.

Advisor to the Associated Schools of Construction (ASC) student design-build competition team, 2002-2006.

ASC Region II Finalist, 2004, 2005
 ASC National Finalist, 2003
 ASC Region II Champion, 2002, 2003

Service

Associate Director, Durham School of Architectural Engineering and Construction (2018-2020)
 Program Coordinator, Construction Programs (2016-2018)
 Chair, Promotion and Tenure Committee (2015-2020)
 Senator, Faculty Senate (2014-2017)
 Secretary, ASC National Board of Directors (2010-2012)
 Associate Editor, ASC International Journal of Construction Education and Research (2007-2008)
 Director, Center for Collective Protection (2002-2009)
 Coordinator, University Homeland Security Initiatives (2002-2005)

Consultation

Construction financing consultant, Westgate Bank (2013-2014)
 U.S. Department of Veterans Affairs, Center for Occupational Health and Infection Control (2009-2010)
 Construction financing consultant, Perkins State Bank (2006-2009)
 Construction financing consultant, Capital City Bank (2002-2009)
 U.S. Environmental Protection Agency, P3 Program (2007)
 Construction financing consultant, First National Bank of Alachua (2003-2004)

International Activities

Faculty, Colorado State University (CSU) Study Abroad Program (2018-2019)
 Co-Chair, Associated Schools of Construction (ASC) International Relations Committee (2010-2012)
 Coordinator, Associated Schools of Construction (ASC) 45th Annual International Conference in conjunction with the Annual Meeting of Conseil International du Bâtiment (CIB) Working Group 89 - Building Research and Education and the 16th Rinker International Conference (2009)
 Visiting Professor, Study Abroad Program, Fachhochschule Lippe und Hoxter (University of Applied Sciences at Lippe), Germany (2004-2007)
 Visiting Professor, Paraná Federal University, Curitiba City, Paraná State, Brazil (2005)

Other

Volunteer
 Habitat for Humanity (2015-)
 Master SCUBA Diver
 National Association of Underwater Instructors (2000-)
 Eagle Scout (1984)