**CITY@UMD Short Bios**

Mohammad Heidarinejad, Ph.D.

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| C:\Users\muh182\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\Mohammad Heidarinejad.jpg  **Email:**  [muh182@umd.edu](mailto:muh182@umd.edu) | Mohammad Heidarinejad is a research associate in Mechanical Engineering Department at the University of Maryland and Cluster of Sustainability in the Built Environment (CITY). Dr. Heidarinejad’s research interests include (1) multi-scale modeling of the energy and airflows in built environment focusing on developing fundamental/applied models and (2) building energy use pattern classification of campus and commercial buildings. Dr. Heidarinejad received his Ph.D. (2014) in Mechanical Engineering and M.Sc. (2011) in Architectural Engineering at the Pennsylvania State University and B.Sc. (2006) in Mechanical Engineering at the Sharif University of Technology, Iran. Dr. Heidarinejad is the recipient of several prestigious fellowships including the American Society of Heating, Refrigeration, and Air Conditioning Engineers Inc. (ASHRAE) Graduate Grant-in-Fellowship. Dr. Heidarinejad is a member of professional communities, including ASHRAE, American Society of Mechanical Engineers (ASME), and International Building Performance Simulation Association (IBPSA/USA). He published more than a dozen papers in international conferences and journals. Dr. Heidarinejad was and is one of the main contributors to National Science Foundation (NSF), the U.S. Department of Energy (DOE), and ASHRAE funded projects. |

**Yang-Seon Kim, Ph.D.**

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| C:\Users\Yang-Seon Kim\Desktop\seon.png  **Email:**  [ykim1214@umd.edu](mailto:ykim1214@umd.edu) | Yang-Seon Kim is a research associate in Mechanical Engineering Department at University of Maryland. She holds a Ph.D. (2014) degree from the Pennsylvania State University and M.S. (2011) and B.S. (2008) degrees from Yonsei University in South Korea. Before her Ph.D study, she worked at the Lawrence Berkeley National Laboratory as a research intern for six month (she was funded by both National Research Foundation of Korea and Lawrence Berkeley National Laboratory). Dr. Kim studied building environments for the past six years, more specifically the indoor air pollutant reducing technologies associated with building energy savings. Her research started with particular contaminants (aerosol) in indoor air, and expanded to retail store environments and commercial building energy consumption. Her doctoral dissertation study was related to building energy and occupant. She received fellowships from the American Society of Heating, Refrigeration, and Air Conditioning Engineers Inc. (ASHRAE) Graduate Grant-in Aid. She is the author and co-author of 8 journal papers and international conferences. She worked for several research projects which were funded from the National Science Foundation (NSF), the U.S. Department of Energy (DOE), and ASHRAE. |

Shengwei Zhu, Ph.D.

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| G:\Others\Personal\家庭\晟伟\朱晟伟3.jpg  **Email:**  <zhu.shengwei.hust@gmail.com> | Shengwei Zhu is a visiting scholar in Mechanical Engineering Department at the University of Maryland and Cluster of Sustainability in the Built Environment (CITY). His research interests are focused on the man-made environments of different length scales, including (1) thermal comfort and air quality, (2) airborne infection control, (3) ventilation design, and (4) numerical modelling by CFD. Dr. Zhu received his Ph.D. (2005) and M.Eng. (2002) with a major in Built Environment at the University of Tokyo, Japan, and B.Eng. (1996) in Mechanical Engineering at Zhejiang University, China. He was awarded Hans Christian Ørsted Postdoctoral Fellowship at Technical University of Denmark in 2006 and Environmental Fellowship at Harvard University Center for the Environment in 2008. Currently he is a professor in School of Architecture and Urban Planning, Huazhong University of Science and Technology. He also serves as the oversea researcher of Institute of Industrial Science, the University of Tokyo. Dr. Zhu has published more than 90 scientific articles until now, including 36 papers in international journals and conferences. |

Jelena Srebric, Ph.D.

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| **Email:**  <jsrebric@umd.edu> | Jelena Srebric is a Professor of Mechanical Engineering and Director of the Cluster for SustainabilITY in the Built Environment at the University of Maryland (CITY@UMD). She earned a Ph.D. degree from the Massachusetts Institute of Technology in 2000, as well as M.S. and B.S. degrees from the University of Belgrade in 1997 and 1994, respectively. She manages and directly supervises the research activities for approximately $1.5 million annually in externally funded projects. She also teaches and develops new courses on energy and environmental systems in the built environment with more than two thousands of students who took her courses at Penn State, Harvard and University of Maryland. She also presented more than thirty guest lectures at different universities including Stanford, Princeton, MIT, and Columbia. The focus of Srebric’s research group work is on multi-scale modeling of built infrastructure to provide a reliable assessment of how these systems affect occupant population, energy consumption and associated CO2 emissions. These modeling efforts include development of computational tools as well as experimental facilities and sites. Dr. Srebric is the author and co-author of more than hundred publications. She received two research awards and four paper awards from ASHRAE. The International Academy of Indoor Air Sciences recognized her work on indoor air quality with the 2005 Yaglou Award. She was an invited speaker at the National Academy of Engineering’s (NAE) 2011 U.S. Frontiers of Engineering Symposium, and an invited plenary speaker at the Indoor Air 2011 conference. |

Matthew Galen Dahlhausen

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