

Presentations, Publications
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1. Tsoulou, Ioanna, Andrews, Clinton J., He, Ruikang, Mainelis, Gediminas, Senick, Jennifer (2020). Summertime Thermal Conditions and Senior Resident Behaviors in Public Housing: A Case Study in Elizabeth, NJ, USA. *Building and Environment*, 168, 106411.
2. He, Ruikang; Han, Taewon; Bachman, Daniel; Carluccio, Dominick; Jaeger, Rudolph; Zhang, Jie; Thirumurugesan, Sanjeevi; Andrews, Clinton & Mainelis, Gediminas. (2020). Evaluation of two low-cost PM monitors under different laboratory and indoor conditions, *Aerosol Science and Technology*.
3. He, Ruikang; Tsoulou, Ioanna; Thirumurugesan, Sanjeevi; Morgan, Brian; Gonzalez, Stephania; Plotnik, Deborah; Senick, Jennifer; Mainelis, Gediminas; Andrews, Clinton J. (2020) Investigation of Heatwave Effect on PM2.5 Levels Indoors using Consumer-grade Air Quality Sensors. *American Association for Aerosol Research. (AAAR), 38th Annual Conference, Virtual Conference, October 5-9, 2020*.
4. Andrews, Clinton (2020). Effects of Resilient, Energy-Efficient Buildings on Occupants. *American Society of Heating Refrigeration and Air-Conditioning Engineers Winter Conference*. February 1-5, 2020. Orlando, FL.
5. He, Ruikang; Tsoulou, Ioanna; Thirumurugesan, Sanjeevi; Morgan, Brian; Gonzalez, Stephania; Plotnik, Deborah; Senick, Jennifer; Andrews, Clinton Andrews; Mainelis, Gediminas. (2020). The Effect of Heatwave on Indoor Air Quality in Seniors' Apartments. *2020 HiBR Conference: Health in Buildings Roundtable: Health in Buildings for Today and Tomorrow*, poster presentation. Bethesda, MD.
6. Tsoulou, Ioanna; He, Ruikang; Thirumurugesan, Sanjeevi; Morgan, Brian; Gonzalez, Stephania; Plotnik, Deborah; Senick, Jennifer; Andrews, Clinton; Mainelis, Gediminas. (2020). What is the Value of Outdoor Environments for Low-Income Seniors Coping with Heat? *2020 HiBR Conference: Health in Buildings Roundtable: Health in Buildings for Today and Tomorrow*. Bethesda, MD.
7. Kim, Sunyoung; Senick, Jennifer; Mainelis, Gediminas (2019). Sensing the Invisible: Understanding the Perception of Indoor Air Quality Among Children in Low-Income Families. *International Journal of Child-Computer Interaction*. IJCCI122.
8. Kim, Sunyoung; Senick, Jennifer; Mainelis, Gediminas (2019). Sensing the Invisible: Understanding the Perception of Indoor Air Quality Among Children in Low-Income Families. *International Journal of Child-Computer Interaction*. IJCCI122.
9. Mainelis, Gediminas; He, Ruikang; Tsoulou, Ioanna; Thirumurugesan, Sanjeevi; Morgan, Brian; Gonzalez Mena, Stephania; Plotnik, Deborah; Senick, Jennifer; Andrews, Clinton. (2019, August). Application of Distributed Low-cost Air Quality Sensors to Investigate Heatwave Effect on Indoor Air Quality. *ISES-ISIAQ 2019 Conference: The built, natural, and social environments: impacts on exposures, health and wellbeing*. Kaunas, Lithuania.
10. Senick, Jennifer; Tsoulou, Ioanna; Andrews, Clinton; Mainelis, Gediminas; He, Ruikang; Plotnik, Deborah. (2019, June). Heat Waves, Seniors, and Low-Income Housing: Organizational Factors in Individual Adaptive Behavior. *IFoU 12th Annual Conference, Beyond Resilience*. Universitas Tarumanagara, Jakarta.

11. Senick, Jennifer; Kim, Sunyoung; Mainelis, Gediminas. (2019, May). Art as Input to Air Quality Management: Persuasive Technology. *EDRA 50 Annual Conference: Sustainable Urban Environments, Humanizing Building Technology and Experience: A Collaborative Forum for Re-envisioning Sustainable, Healthy Buildings and Occupants*. Brooklyn, NY.
12. Andrews, C., Tsoulou, I., Senick, J., Mainelis, G., and He, R. (2019). *Findings from consumer-grade IAQ measurements in residential and commercial buildings*. American Society of Heating, Refrigeration and Air-Conditioning Engineers Annual Conference. Kansas City, MO.
13. Andrews, Clinton (2019). Indoors and Outdoors in the Smart City. *First International Conference on Urban Computing and Smart Planning*. Nanjing, China.
14. Andrews, Clinton (2019). Rethinking Evidence-Based Building Design. *NSF International Workshop on Putting Sustainability into Convergence: Connecting Data, People, and Systems*, hosted by National University of Singapore. Singapore.
15. Andrews, Clinton (2019). Routes to Evidence-Based Design. *Forum on Humanizing Building Technology and Experience, Environmental Design Research Association Annual Conference*. Brooklyn, NY.
16. Andrews, Clinton (2019). Using Consumer-Grade IAQ Measurement Devices in Residential and Commercial Buildings. *Hong Kong Green Building Council Meeting*. Hong Kong, China.
17. Tsoulou, I., Andrews, C., Senick, J., Mainelis, G., and He, R. (2018, October). Measuring Energy and Air Quality in Public Housing During Heat Waves, *Association of Collegiate Schools of Planning Annual Conference*. Buffalo, NY.
18. Senick, Jennifer; Kim, Sunyoung; Mainelis, Gediminas. (2018, September). Art as Input to Air Quality Management. *Rutgers New Brunswick LASER: "Fostering Sustainability"*. Rutgers University, Zimmerli Art Museum, NJ.
19. Mainelis, G., He, R., Thirumurugesan, S., Bachman, D., Carluccio, D.J., Jaeger, R., and Andrews, C. (2018, September). Comparison of Three Consumer-Grade Air Quality Monitors Using Different Particles, *Air Sensors International Conference*, poster presentation. Oakland, CA.
20. Mainelis, G., He, R., Tsoulou, I., Thirumurugesan, S., Morgan, B., Gonzalez, S., Plotnik, D., Senick, J., and Andrews, C. (2018, September). Application of Consumer-grade Sensors to Study the Effect of Heatwaves on Indoor Air Quality, *Air Sensors International Conference*, poster presentation. Oakland, CA.
21. He, R., Tsoulou, I., Thirumurugesan, S., Morgan, B., Gonzalez, S., Plotnik, D., Senick, J., Andrews, C., and Mainelis, G. (2018, September). Application of Consumer-grade Sensors to Study the Effect of Heatwaves on Indoor Air Quality, *International Aerosol Conference*, St. Louis, MO.
22. Pastrana Otero, Desiree; Andrews, Clinton; Tsoulou, Ioanna; Plotnik, Deborah; Senick, Jennifer. (2018, August). Green and Resilient NJ: Protection, Resistance and Adaptation to Disaster Scenarios. *Research Intensive Summer Experience (RISE), Summer Research Symposium*. Rutgers University, New Brunswick, NJ.
23. He, Ruikang; Tsoulou, Ioanna; Thirumurugesan, Sanjeevi; Morgan, Brian; Gonzalez Mena, Stephania; Plotnik, Deborah; Senick, Jennifer; Mainelis, Gediminas; Andrews, Clinton. (2018, July). Investigation of Heatwave Effect on Indoor Air using Consumer-grade Air Quality Sensors. *2018 HiBR Conference: Health in Buildings for Today and Tomorrow, Making Connections. HiBR Scholars Program*, poster presentation. Bethesda, MD.
24. Senick, Jennifer; Andrews, Clinton; Mainelis, Gediminas (Gedi); He, Ruikang; Tsoulou, Ioanna; Plotnik, Deborah; Thirumurugesan, Sanjeevi; Morgan, Brian; Gonzalez Mena, Stephania. (2018, July). Instrumentation in Behavioral Research: Heat Waves, Seniors and Low-Income Housing.

- IAPS25 Conference: Transitions to sustainability, lifestyles changes and human wellbeing: cultural, environmental and political challenges*. Rome, Italy.
25. Senick, Jennifer; Andrews, Clinton; Mainelis, Gediminas (Gedi); He, Ruikang; Tsoulou, Ioanna; Plotnik, Deborah; Thirumurugesan, Sanjeevi; Morgan, Brian; Gonzalez Mena, Stephania. (2018, June). Managing Heat Waves in Affordable Housing. *EDRA 49-Annual Conference: Creating Sustainable Cities for an Aging Population*. Oklahoma City, OK.
 26. Andrews, Clinton; Mainelis, Gediminas (Gedi); Senick, Jennifer; He, Ruikang; Tsoulou, Ioanna; Plotnik, Deborah; Thirumurugesan, Sanjeevi; Morgan, Brian; Gonzalez Mena, Stephania. (2018, April). Managing Heat Waves in Affordable Housing. *2018 APA National Planning Conference: Strong Roots. Big Plans*. New Orleans, LA.
 27. Mainelis, G.; He, R.; Tsoulou, I.; Thirumurugesan, S.; Morgan, B.; Gonzalez Mena, S.; Plotnik, D.; Senick, J.; Andrews, C. (2017, November) Application of Consumer-grade Sensors to Study the Effect of Heatwaves on Indoor Air Quality, *Platform presentation at the 2017 AWMA Air Quality Measurement: Methods and Technology*. Long Beach, CA.
 28. He, R. Thirumurugesan, S., Bachman, D., Carluccio, D.J., Andrews, C., and Mainelis, G. (2017, October) Comparison of Three Consumer-Grade Air Quality Monitors, *American Association for Aerosol Research Annual Conference*, poster presentation. Raleigh, NC.
 29. Tsoulou, Ioanna; He, Ruikang; Senick, Jennifer; Mainelis, Gediminas; Andrews, Clinton. (2017, October). How Seniors Living in Public Housing Cope with Heat Waves. *ACSP 2017 Annual Conference*. Denver, CO.
 30. Andrews, Clinton. (2017, October). Environmental Agency, Who Can Act on the Anthroposphere? *ACSP 2017 Annual Conference*. Denver, CO.
 31. Andrews, Clinton; Mainelis, Gediminas (Gedi); Senick, Jennifer; Tsoulou, Ioanna; Thirumurugesan, Sanjeevi; Morgan, Brian; He, Ruikang; Plotnik, Deborah; Carlton, Annmarie; Felder, Frank. (2017, September). Characterizing Human Behavior across Scales from Building to City. *Beijing 2017 Smart Cities*. Beijing, China.
 32. Tsoulou, I., Andrews, C. J., Senick, J., Mainelis, G., and He, R. (2017, March). How do Heat Waves affect Seniors living in Affordable Housing? *Ozone Research Center Science Workshop 2017*. Rutgers University, Piscataway, NJ.
 33. Andrews, C. J., Mainelis, G., Senick, J., Tsoulou, I., Thirumurugesan, S., Morgan, B., He, R., Plotnik, D., Carlton, A., Felder, F. (2017, June). Fine-grained inequity: Linking urban metabolism to indoor air quality. *ISIE-ISSST 2017: Science in Support of Sustainable and Resilient Communities*. Chicago, IL.
 34. Andrews, Clinton (2017). Characterizing Human Behavior across Scales from Building to City. (keynote) *Smart Cities & Human Behavior forum*. Beijing, China.
 35. Manibusan, S., and Mainelis, G. (2017). Performance of Four Consumer-Grade Air Pollution Measurement Devices. *American Association of Aerosol Research Annual Conference*, poster presentation. Portland, OR. October 20, 2016