

INTERNATIONAL SCHOLARS' & STUDENTS' SYMPOSIUM- EAST CAROLINA UNIVERSITY

Tuesday April 4th, 2023  
Black Box Theater, New Student Center on East campus #200 (2:30- 5:30 PM)

PROGRAM

2:30-2:40

**Opening Remarks:** Dr. Nehad Elsawaf – International Scholars' Symposium Chair and Organizer.

Session 1:

2:45- 3:00

**Designing For Wellness,** Dina Al-Dajani, The Department of Interior Design and Merchandising, and The Department of Construction Management, East Carolina University, Greenville, NC 27858

3:00-3:15

**Simulation of Mixed Transportation Network Optimization: Dynamic Programming Approach,** Jinkun Lee, Department of Engineering, East Carolina University, Greenville, NC, 27858

3:15-3:30

**Integrating Leadership Skills in Math-based Construction Management Course,** Carol Massarra, Department of Construction Management, East Carolina University, Greenville, NC, 27858

3:30-3:45

**Numerical Study of a Solar-Assisted, sCO<sub>2</sub> Brayton Cycle for Power Generation,** Kenneth R. Weddle, Dr. Tarek Abdel-Salam, Dr. Kura Duba, Dr. Faete Filho, College of Engineering and Technology, East Carolina University, Greenville, NC, 27858

3:45-4:00

**Adverse Childhood Experiences (ACEs) Screening in Primary Care Settings for Adults: A Systematic Review,** Betül Küçütkardahı-Cansever and Angela Lamson, Department of Human Development & Family Science, East Carolina University, Greenville, NC, 27858

Session 2:

4:00-4:15

**Adolescents with Complex Heart Disease Voicing their Stories of Medical Milestones Using Beads as Symbol of Courage,** Priti P. Desai, Department of Human Development & Family Science, East Carolina University, Greenville, NC, 27858

4:15-4:30

**Academic Deans in Chinese Universities during the Republic of China period: As case study of Peking and Tsinghua Universities,** Xiangju Liu, College of Education, East Carolina University, Greenville, NC, 27858

4:30-4:45

**Green Roofs' Influence on Architectural Design Decisions: Exploring climate change mitigation by green infrastructures,** M. M. Lekhon Alam, Department of Technology Systems, East Carolina University, Greenville, NC, 27858

4:45-5:00

**Risk of COVID-19 infections Among People with Asthma: A Scoping Review,** Chukwudi S. Ubah, Gregory D. Kearney, Department of Public Health, The Brody School of Medicine, East Carolina University, Greenville, NC, 27858

5:00-5:15

**An Implementation of Federated Learning in Protecting Patient Privacy,** Kaiji Fu, Omar S.Taha, J. H Rose High School, and The Brody School of Medicine, East Carolina University, Greenville, NC, 27858

5:15—5:30

**Techno-economic analysis of Oscillating Surge Wave Energy Converters,** Cole Dickerson, Dr. Nehad Elsawaf, Dr. Tarek Abdel-Salam, Dr. Faete Filho, Dr. Kura Duba, Departments of Engineering and Economics, East Carolina University, Greenville, NC, 27858

5:30 -Concluding remarks- Dr. Nehad Elsawaf