



# STAR Symposium

*Sustainability in Teaching and Research*

**June 2-3, 2023**



**MONMOUTH**  
UNIVERSITY



## Symposium Agenda

### DAY ONE

Friday, June 2 | In-Person/Hybrid

- 8:00-9:00 a.m.**      **Breakfast & Registration** | Pozycki Hall, 1st floor
- 9:00-9:30 a.m.**      **Opening & Welcome** | Pozycki Hall 115  
 Tammy Snyder Murphy, First Lady of New Jersey  
 Patrick Leahy, Ed.D., Monmouth University President  
 Facilitators: **Dr. Jiwon Kim** and **Taïphane Orange**, Senior, Monmouth University

#### Morning Discussion Tracks

	<b>Track A: Educating for Sustainability</b> (Pozycki Hall 204)	<b>Track B: Moving Towards Sustainable Environment</b> (Pozycki Hall 205)	<b>Track C: Equity, Justice and Sustainable Communities</b> (Pozycki Hall 206)
	<b>Moderator: Vecihi Serbay Zambak</b> School of Education	<b>Moderator: Nguyen Pham</b> Leon Hess Business School	<b>Moderator: Rekha Datta</b> School of Humanities and Social Sciences
<b>9:45 a.m.</b>	“Incorporating Sustainability into a University Study Abroad,” <b>Jeremy Lackman</b> , Monmouth University	“In Search of Conscious Consumption and Sustainable Consumer Demand: Cultivating Consumer Accountability for Sustainable Consumption and Production Goals,” <b>Claude Taylor</b> , Monmouth University	“Building a Sustainable Economy and Reducing Income Gaps through Financial Literacy,” <b>Joseph Palazzolo, Carlos A. Navarro</b> , Monmouth University
<b>10 a.m.</b>	“Climate Change, Just Transition and Clean Energy Resources for Sustainable Environment and Livelihood: Case Study Bangladesh,” <b>Khondoker Hossain, Mahbuba Nasreen</b> , Bangladesh University of Professionals	“Mutual Benefits for Offshore Wind Energy in the Mid-Atlantic: Science and Policy Strategies to Mitigate Harm to Marine Species and Maximize Benefits for Renewable Energy,” <b>Riya Ajmera</b> , Monmouth University	“A Net-Zero Future in the Real Estate Industry,” <b>Gina Shaughnessy</b> , Monmouth University

10:15-11:00 a.m.

**Webinar: Executive Plenary on Institutional Best Practices on Sustainability** | Pozycki Hall 115

**Moderator: Tony MacDonald**, Director, Monmouth University Urban Coast Institute

**Dr. Rupa Chanda**, Director, Trade, Investment and Innovation Division, UNESCAP

**Dr. Angel Cabrera**, President, Georgia Institute of Technology

**Dr. Catherine Duckett**, Associate Dean, Monmouth University School of Science

## Mid-Morning Discussion Tracks

### Track A: Educating for Sustainability (Pozycki Hall 204)

**Moderator: Michaeline Skiba**  
Leon Hess Business School

11:05 a.m. “The White Coat Project: Empowering Students to Make Policy Decisions Toward Health Equity,” **Alysson Goodwin, Denise Crowley, Cristianna Cardinale, Francesca Storino**, Monmouth U.

11:20 a.m. “International Education Committee: Service Learning Opportunities for Faculty Members and Teacher Candidates in School of Education,” **Vecihi Zambak, Ai Kamei, Jiwon Kim, Kathryn Lubniewski**, Monmouth University

11:35 a.m. “The Societal Impact Agenda for the Smaller Regional Business School: Design and Implementation of the Strategy,” **Tjeerd Boonman, Michaeline Skiba**, Monmouth University

### Track B: Moving Towards Sustainable Environment (Pozycki Hall 205)

**Moderator: Jeffrey Weinstein**  
Leon Hess Business School

“Consumer Health Education Search Patterns and information Sharing with Physicians,” **Anait R. Gabrielyan, Mehrdad Roham, Norm Archer**, McMaster University (Canada)

“Sustainable Development in Louisiana: Interdisciplinary Perspectives,” **Brian Bolton**, University of Louisiana at Lafayette

“Indigenous Land Rights, SDGs, and Climate Change Resiliency,” **Ranjan Datta**, Mount Royal University (Canada)

### Track C: Equity, Justice and Sustainable Communities (Pozycki Hall 206)

**Moderator: Raj Kaur**  
Leon Hess Business School

“The UN Sustainable Development Goals and Global Justice,” **Rosemary Barberet, Yousif Almasri**, John Jay College of Criminal Justice, CUNY

“Analyzing ESG in Aluminum Companies,” **George A. Mangiero, Arif Qayyum, Charles J. Cante**, Iona University

“Conceptualizing Age-Friendly Environments: Perspectives of Older non-European Immigrants in Finland (AGE-Immigrant),” **Shahnaj Begum**, University of Lapland (Finland)

12:00-1:00 p.m.

**Lunch** | Pozycki Hall 2nd Floor

1:00-1:30 p.m.

**Youth Creative Works on Sustainability** | Pozycki Hall 2nd Floor

Long Branch High School: Mariam Abdelwahed, Christopher Arias Reyes, Kayla Bolden, Jayson Campos, Jonathan Eugenio, Lizeth Eugenio, Maya Grayson, Rayanne Moura-Oliveira, Raphaella Pessoa. Biotechnology High School: Danielle Lee. Calgary High School: Prarthona Datta. Solebury School: Tiyasha Sarkar. SDG#5: Gender Equality - Posters from PS 377/Women and the World: A Comparative Study, Spring 2023, Monmouth U.

1:30-2:30 p.m.

**Keynote Address** | Pozycki Hall 115

**Omar Hernandez**, Program Manager, United Nations Academic Impact

Facilitators: **Dr. Rekha Datta** and **Lenien Jamir**, Senior, Monmouth University

## Afternoon Discussion Tracks

### Track A Cont'd (Pozycki Hall 204)

**Moderator: Michael Chattalas**  
Leon Hess Business School

2:30 p.m.

“Teaching the SDGs: Building a Sustainable Society,” **Brian Bolton**, University of Louisiana at Lafayette

2:45 p.m.

“Interdisciplinary Elementary Teacher Education for Global Sustainability,” **Jiwon Kim, Sandra Zak**, Monmouth University

### Track B Cont'd (Pozycki Hall 205)

**Moderator: Anna Sadovnikova**  
Leon Hess Business School

“Stripers for the Future: A Research and Education Campaign,” **John Tiedemann**, Monmouth University

“Structural Housing Inequity and Barriers to Home Ownership: A Systematic Review,” **Anait R. Gabrielyan, Mehrdad Roham**, McMaster University, **Anna Sadovnikova**, Monmouth University

3:30-5:30 p.m.

**Reception** | Monmouth University Guggenheim Memorial Library

**EVENING CONCERT EVENT:** Visitors may also be interested in attending the “*The Mississippi Delta Meets the Jersey Shore*” music event at 8 p.m. on campus at the Lauren K. Woods Theatre. Tickets limited. Visit <https://springsteenarchives.org/programs/> for details.

9:00-9:30 a.m.

### Convener Panel on Sustainability

**Dr. Nikita Burrows**, Assistant Professor, Monmouth University Department of Chemistry and Physics

**Tony MacDonald**, Director, Monmouth University Urban Coast Institute

**Dr. Anna Sadovnikova**, Assistant Professor, Monmouth University Leon Hess School of Business

## Discussion Tracks

### Track A: Interdisciplinary Perspectives in Sustainability Teaching and Research I

**Moderator: Warren Brown**  
School of Science

### Track B: Interdisciplinary Perspectives in Sustainability Teaching and Research II

**Moderator: Nikita Burrows**  
School of Science

### Track C: Interdisciplinary Perspectives in Sustainability Teaching and Research III

**Moderator: Tony MacDonald**  
Urban Coast Institute

9:30 a.m.

“Remembering Global Health: Before and Beyond COVID,”  
**Nicholas Thomas**, City University of Hong Kong

“Environmental Humanities: Method and Exemplars,” **Pankaj Jain**, Flame University

“Sustainable Development: People, Culture and Mindset,” **Jaishree Sharma**, Monmouth University

9:45 a.m.

“The Effect of Nutrients on Sustainable Biochemical Produce,”  
**Vasundhara Pattanaik, Sarah Varma, Ekaterina A. Koromyslova, Gary A. Anderson**, South Dakota State University

“Process Interferences on Preserving Microorganisms in Biofertilizer Production from Biowastes,” **Robiul Islam Rubel, Lin Wei, Gary Anderson**, South Dakota State University

“Sustainable Reusing Wastewater from a Dairy Manufacturing Plant: An Interdisciplinary Approach,”  
**Maryam Sahraei, Siavash Ebrahimzadeh, Noor Haleem, Shashikanth Sheri**, South Dakota State University

10:00 a.m.

“‘Learn to Read’ and ‘Read to Learn’: Improving Reading Skills of Children in the Indian State of West Bengal,” **Majumdar Manabi, Ahamed Sabir, Urba Chaudhuri**, Pratiche (India) Trust

“A Novel Approach of Community-Engagement Practices in HE to Empower Women and Girls Considering SDG,” **Fawad Naseer**, Beaconhouse International College (Pakistan)

“Women-led Climate Change Solutions (WCCS): Developing a Policy Guide from Indigenous and Immigrants Perspectives,”  
**Jebunnessa Chapola**, University of Regina (Canada)

10:15-10:30 a.m.

### Break

### Track A Cont'd

**Moderator: Tjeerd Boonman**  
Leon Hess Business School

### Track B Cont'd

**Moderator: Anna Sadovnikova**  
Leon Hess Business School

10:30 a.m.

“Embedding Social Change Learning Across the Curriculum: Results of a Collaborative Instructional Design Project at Georgia Tech,” **Rebecca Watts Hull** and **Teresa Snow**, Georgia Institute of Technology

“Sounding Equality: Teaching a Sustainable Music History,” **Thomas Irvine**, University of Southampton (UK), **Christopher J. Smith**, Texas Tech University

10:45 a.m.

“A Conceptual Navigation Model for Autonomous Self-Propelled Fertilizer Applicator,” **Samuel Kariuki, Miriam Peter, Robiul Islam Rubel**, South Dakota State University

“Faculty and Student Perceptions of Interdisciplinary Teaching Experiences,” **Ekaterina Koromyslova** (South Dakota State University), **Anna Sadovnikova** (Monmouth University), **Bishnu Karki, Prafulla Salunke, Carrie Steinlicht, Gary Anderson, Todd Trooien** (South Dakota State University)

11:00-11:15 a.m.

“Reflections and Mental Health of Youth Involved in Environmental Activism,” **Alyson Pompeo-Fagnoli, Melissa Alvare**, Monmouth University, **Kathleen Grant**, The College of New Jersey

“Active-Learning Through Student Proposals for Institutional Sustainability,” **Azzam Elayan**, Monmouth University