

# 2023

# AIAEE

Association for International  
Agricultural and Extension  
Education (AIAEE)

# CONFERENCE

# PROGRAM

Hosted By

School of Environmental Design and Rural Development,  
Ontario Agricultural College, University of Guelph



TECHNOLOGY, PLURALISM AND  
INCLUSIVENESS IN  
AGRICULTURE, FOOD, AND  
ENVIRONMENT



## CONFERENCE PROGRAM

Tuesday, April 25	Activity	Room
Open	Arrival & Travel Time	...

Wednesday, April 26	Activity	Room
8:30 am to 4:00 pm	Registration	Landscape Architecture (LA) Pit
9:00 am to 10:00 am	Committee Meetings	LA 143, 133, 127 and 125, 202, 203
10:00 am to 11:00 am	Executive Board (by invitation)	LA 100
11:00 am to 12:15 pm	Lunch on your own	
12:15 pm to 12:30 pm	Leave for Campus/Research Station Tours (Light Snacks Provided)	Infront of LA
1:00 pm to 3:45 pm	Campus/Research Station Tours	
4:00 pm to 4:45 pm	AIAEE New Member Welcome Session	LA 125
5:00 pm to 7:15 pm	<b>Conference Welcome and Invited Presentations:</b> <i>The Honourable Lisa Thompson</i> , Minister of Agriculture, Food and Rural Affairs, Ontario <i>Dr. Rebecca Hallet</i> , Associate Dean, Ontario Agricultural College <i>Sean Kelly</i> , Director, School of Environmental Design and Rural Development <i>Dr. Ataharul Chowdhury</i> , Conference Chair, 2023 AIAEE Conference <i>Dr. Mary Rodriguez</i> , President, AIAEE <i>Dr. Pierre Labarthe</i> , Director, Research, National Research Institute for Agriculture, Food and Environment (INRAE) France <i>Dr. David Nielson</i> , Senior Advisor to the North American Agricultural Advisory Network (NAAAN)	Peter Clark Hall (PCH)



7:30 pm to 9:00 pm	<b>Welcome Dinner</b> Storytelling: Jay Wilson, Member of The Guelph Arts Council, Guelph Guild of Storytellers Music: Ben Karreman, Andrew Schoettler & Patrick Psihogios	Science Complex Atrium
--------------------	--	------------------------

Thursday, April 27	Activity	Room
8:00 am to 4:00 pm	Registration	LA Pit

8:30 am to 10:10 am

**Abstract Session 1****Session: 1-A Theme: Agricultural Communication Room: LA 143**

Discussant: Katie Sanders

Timekeeper: Kameron Rinehart

*Determining if Country of Origin Impacts Pro-Environmental Behaviors Among Young Consumers to Inform Agricultural Communication Messages.* Millicent A. Oyugi, Allison Byrd, Alexa J. Lamm, Kevan W. Lamm, Sudarshan Adhikari

*International Interests: Student and Industry Perspectives on Agricultural Communications Curriculum Development in Ontario.* Madison Dymont, Annie Specht, Emily Buck

*Exploring Science Communication Views of Leaders: A Case Study of a Global Coalition in an Evolving Agricultural Industry.* Allison Byrd, Alexa Lamm

*Digitizing the Divide: Breaking Down Digital and Precision Agricultural Messaging for Science Communicators.* Kwabena Bayity, Shannon Norris-Parish

**Session: 1-B Theme: Needs Assessment Room: LA 125**

Discussant: Mary Rodriguez

Timekeeper: Emily Manuel

*Training Needs Assessment of Rice Growers in Rice Zone of the Punjab, Pakistan.* Imran Riaz, Ijaz Ashraf, Khalid Mahmood Ch., Asif Tanveer

*Employing the Next Global Generation: Defining the Need for Employability Skills Integration Through the Lens of School District Superintendents.* William Norris, Shannon Norris-Parish

*Exploring the Needs of International Graduate Students for American Educational and Cultural Experiences.* Benard Walumbe, Mary Rodriguez

*Designing Food Safety Training Programs for Refugee Farmers Based On Needs Assessment Data.* Archie Jarman, Amanda Crump, Vikram Koundinya, Kate Scow, Eric Spring, Eleanor Haworth

**Session: 1-C Theme: Needs Assessment Room: Rozanski (ROZ)105**

Discussant: John Diaz

Timekeeper: Dharmendra Kalauni

*Participatory and Culturally-Responsive Needs Assessment to Identify Research and Extension Priorities for Agronomic Crop Production.* Vikram Koundinya, Jessica Kanter, Nicholas Clark, Mark Lundy, Michelle Leinfelder-Miles, Rachel Long, Sarah Light, Whitney Brim-DeForest, Bruce Linquist, Dan Putnam, Robert Hutmacher, Cameron Pittelkow

*Understanding the Agricultural Competencies Needs for New Extension Professionals in Florida.* Matt Benge, Willis Ochieng, Marcelo Wallau

*Extension Agent Competencies and Training Needs on Public Issues Education: A Case of Genetically Engineered Crops in Uganada* Nasib Mugwanya, KSU Jayaratne, Dara Bloom, Joseph Donaldson, Jason Delborne




---

**Session: 1-D Theme: Gender Studies Room: LA 203**

Discussant: Theresa Murphrey Timekeeper: Tyler J. Price

*Wild Food Plant Livelihood Strategies and Gender: A Case study in Northwestern Cambodia.*

Sovanneary Huot, Leif Jensen, David Ader, Ricky Bates, Tom Gill, Hans Goertz

*Importance of Women's Empowerment in Child Nutrition: Guatemala Case Study.*

Catherine Jerez, Arie Sanders, David Ader, Sara Bonilla

*Gender Roles in the Groundnut Value Chain in Uganda.* Annie Carter, David Ader, Tom Gill, Carrie Stephens, Archileo Kaaya, Stephen

Lwasa, David Musoke, Daisy Kemigisha, Ruth Martha Mirembe, David Kalule Okello

**Session: 1-E Theme: International Extension Experiences Room: Rozanski (ROZ) 106**

Discussant: Helen Hambly Timekeeper: Gabriela Suchiapa Magdalena

*Protecting, Preserving, and Procuring Resources: A Photovoice of Nepalese Science Education.*

Brandon B. Bixler, Grace E. Shawver, Laura L. Rice, Melanie J. Miller Foster, Daniel D. Foster

*Analyzing the Behavioral Perspective of Farmers on the Revival of Agricultural Cooperatives in Uganda.*

Dirisa Wakaabu

*Beginning Farmers in the Southeast United States: Lived Experiences, Persistent Barriers, and Interactions with Cooperative Extension.*

Joseph Barbaree, Abigail Borron, Jennifer Jo Thompson, Kevan Lamm

*A Case Study Regarding Ecuadorian Farmers' Perspective on Associativity in Agriculture*

Renzo Ceme Vincas, Pablo Lamiño Jaramillo, Amy E. Boren Alpizar

**Session: 1-F Theme: International Extension Experiences Room: LA 202**

Discussant: Sarah Bush Timekeeper: Meikah Dado

*Artisan Cooperatives in East Africa's Impact upon Women's Family Dynamics, Community, and Self.*

Garrett Brogan, Kim Dooley

*Job Satisfaction of Agricultural Extension Professionals in Nigeria's National Agricultural Extension and Research Liaison Services*

(NAERLS). Bala M. Shehu, Aisha M. Aliyu

*Adopting Agroforestry Technologies for Sustainable Development among Farmers in Nasarawa State, Nigeria.*

Irimiah Abeya Ezhim, Idris Okuri Haruna, Deborah Ogbene Onu, Vincent Chidindu Asogwa, Francis Madueke Onu

---

Coffee Break: 10:10 am to 10:30 am

Landscape Architecture Pit

---

10:30 to 12:10 pm **Abstract Session 2**

**Session: 2-A Theme: Cultural Considerations Room: ROZ 105**

Discussant: Ariel Kent Timekeeper: Carrie Baker

*My Cultural Heritage.*

Alison Wooten, Gary Wingenbach

*Designed by Culture: A Q Methodological Examination of International Agricultural Education Curriculum Developers' Cultural Preferences.*

Rebekah McCarty, Shannon Norris-Parish, Don Edgar, Lacey Roberts-Hill, Jeff Witte

*Cultural Transmitters: A Q Methodological Examination of [Country] Agricultural Educators' Cultural Preferences.*

Rebekah McCarty, Shannon Norris-Parish, Don Edgar, Lacey Roberts-Hill, Jeff Witte

*Relating Social Norms and Definitions of the Self to Understand the Culture of Water Conservation.*

Laura A. Warner, John M. Diaz, Dharmendra Kalauni, Masoud Yazdanpanah

---

**Session: 2-B Theme: Food Systems Innovations Room: LA 125**


---



**Discussant:** Santanu Roy

**Timekeeper:** Uduak Edet

*Plasticulture for Food Security and Agricultural Growth in LMICs: Farmers Perceptions of the Opportunities and Barriers to Support Extension and Sustainability.* Mondira Bhattacharya, Henny Osbahr, Hazem Kassem, Senal Weerasooriya, Tran Van The, Ji Ma, Tapan Adhikari

*Closing the Gap between Coffee Producers and Consumers in Latin America: How Much More are Consumers Willing to Pay?* Carlos Duran Gabela, Oscar Sarasty, Pablo Lamiño Jaramillo, Amy E. Boren Alpizar

*What are the Attributes that Actually Catch our Eye? A Choice Experiment to Understand Latin American Coffee Consumers' Preferences.* Carlos Duran Gabela, Oscar Sarasty, Pablo Lamiño Jaramillo, Amy E. Boren Alpizar

Coffee Agroecological Systems, Adaptation, And Sustainability in Valle Del Cauca, Colombia.  
Juan Montealegre, Catherine Tucker, Grady Roberts

**Session:** 2-C **Theme:** International Extension Experiences **Room:** LA 143

**Discussant:** Alexa Lamm

**Timekeeper:** Daniel Ayisi

*To What Extent Can Extension Agents Provide Nutrition-Sensitive Extension Service to Rural Dwellers in Nigeria?* Lawal Lateef Adefalu, Sidiqat Aderinoye-Abdulwahab, Oyinkansola Oreoluwa Alawode, Sikiru Ibrahim-Oleshin

*Developing the Next Generation of Extension Workers in Sub-Saharan Africa.* Maheshwari Elapata, Murari Suvedi

*Assessing Stakeholders' Perception of Underreported Pluralistic Advisory Service System in Ontario, Canada using the Q-Methodology.* Ataharul Chowdhury, Khondokar Kabir, Ryan Gibson, Mike Morris

*What Does it Take to Incorporate Farmers' Innovations in Agricultural Extension Service Delivery? A Case Study of Malawi.* Fally Masambuka-Kanchewa, Mary Rodriguez

**Session:** 2-D **Theme:** International Extension Experiences **Room:** LA 202

**Discussant:** Usha Rani Joshua

**Timekeeper:** Lindsay Naumann-Montoya

*Promoting Napier Grass Cultivation for Social and Environmental Security in Nigeria: The Pastoralists' Perspective.* Sidiqat Aderinoye-Abdulwahab, Tawakalitu Abiola Dolapo, Sola Emmanuel Komolafe

*The Challenges, Opportunities, and Future of Agricultural Extension: A Multiple Case Study of Guatemala, Honduras, Taiwan, and Kenya.* Pablo Lamiño Jaramillo, Renzo Ceme Vincas, Gilbert Odilla, Pin-Hsueh Lee, Alma Pérez, Gabriela Suchiapa Magdaleno, Joshue Lewis, Amy E. Boren Alpizar

*The Unlikely Innovators: A Proposition for Positive Deviance in Agroforestry Extension.* Brian Flanagan, Amy Boren-Alpizar, David Lawver

*Ethnoveterinary Medicinal Plant Knowledge among Pastoralists in the Rangelands of Karamoja, Uganda: Prospective for Pluralism in Livestock Health Advisory Services.* Maureen Nanziri Mayanja, Florence Birungi Kyazze, Benjamin Chemutai, Collins Grace Atuheire

**Session:** 2-E **Theme:** Methodological Considerations **Room:** LA 203

**Discussant:** Daniel Foster

**Timekeeper:** Carson Letot

*The Case of Contradictions: How Prolonged Engagement, Reflexive Journaling, and Observations can Contradict Qualitative Methods.* Meikah Dado, Jessica R. Spence, Jack Elliot

*The Penn School of South Carolina: A Case Study in Critical Race Theory.* Barry Croom, Antoine Alston, James Anderson II

*Examining Implementations of Place-Based Pedagogies Using Field Philosophies.* Bryanna Nelson, Hui-Hui Wang, Bryan Hains

*An Autoethnography of Agricultural and Extension Faculty's Journey to Embrace a Professional Identity as a Global Scholar.* Lacey Roberts, Richie Roberts, T. Grady Roberts



**Session: 2-F Theme: Precision and Climate Smart/Resilient Agriculture Room: ROZ 106**

Discussant: Wayne Ganpat

Timekeeper: Jeet Ramjattan

*Farmers Capacity on Using Climate Resilient Technologies for Rice Production in High Barind Tract of Bangladesh* Keywords: Farmers, Capacity, Climate Resilient Technologies, Rice, Bangladesh. Mohammad Anamul Haque, Mohammad Jiaul Hoque, Zulfikar Rahman, Mohammad Asaduzzaman Sarker

*Assessing the Competencies of Dominica Extension Staff to Deliver Climate Smart Training to Farmers.*  
Jeet Ramjattan, Wayne Ganpat, Lendel Narine

*Evaluating Self-Efficacy's Effect on Extension Agents' Intentions to Promote Precision Agriculture Technologies for Farmer Adoption.*  
Chin-Ling Lee, Robert Strong, Gary Briers, Theresa P. Murphrey, Nithya Rajan

*Promoting Precision Agriculture Technologies: Enhancing Capacity of Extension Personnel.*  
Chin-Ling Lee, Robert Strong, Gary Briers, Theresa P. Murphrey, Nithya Rajan

12:10 pm to 1:30 pm

Lunch

Landscape Architecture (LA) Pit

1:30 pm to 3:10 pm

**Abstract Session 3**

**Session: 3-A Theme: Precision and Climate Smart/Resilient Agriculture Room: LA 143**

Discussant: Pablo Lamino Jaramillo

Timekeeper: Pin-Hsueh Lee

*Developing a Theoretical Framework for Researching Farmers' Protests against Public Policy for Promoting Climate Smart Agricultural (CSA) Practices Rooted in Populism.* Firoze Alam, Ataharul Chowdhury, Khondokar H Kabir

*Uptake of Climate-Smart Agricultural Practices (CSAPs): Influence of Religious Institutions in Tharaka South Sub-County, Kenya.*  
Raphael Kithome, Raphael Gikunda, Joyline Muchiri, Michael Kanyi

*Determinants Affecting to Adoption of Climate Smart Agriculture (CSA) in the Northern Bangladesh.*  
Md Rezaul Karim, Andreas Thiel

**Session: 3-B Theme: Organizational and Leadership Development Room: LA 125**

Discussant: Ataharul Chowdhury

Timekeeper: Carlos Duran

*How can the Organizational Capacity of Extension and Advisory Services be Developed to Help the Farming Sector Adapt to Flash Flooding?* Md Kamruzzaman, Katherine Anne Daniell, Ataharul Chowdhury

*Does Conflict Management Style Vary by Generation? A Multi-State Assessment in the United States using the Rahim Organizational Conflict Inventory.* Matt Benge, Megan Cantrell, Anne Parrish, Christy Chiarelli

*Are Students Developed to Lead Change and Promote Innovation Adoption? Evaluating Change Agent Efficacy with Contentious Issues.*  
Robert Strong, Martin Mulkerins, Chin-Ling Lee

*Women's Leadership in Latin America: A Framework for Engaging in Women's Participation within Agricultural Groups.*  
Jaelene Loor Suche, Jera Niewoehner-Green

*Examining Diversity of Perception for Community Viability in Rural, Urban and Suburban Populations.*  
Sarah A. Bush, Carrie N. Baker

**Session: 3-C Theme: Program Evaluation Room: ROZ 105**

Discussant: Tobin Redwine

Timekeeper: Vikram Koundinya

*A Goal Without a Plan is a Wish: Assessing the Global Orientation to Agricultural Learning* Audie L. Cherry, Kasee Smith, Daniel D. Foster, Jeremy Falk, Melanie Miller Foster, Gavin Voelckers

*Proposing an Identity-in-Context Framework for Culturally Responsive Evaluation: Implications for Cooperative Extension in Rural Areas.*  
Catherine Sanders, Alexa Lamm, Abigail Borron, Jori Hall, Maria Navarro, James Anderson

*Evaluating Cooperative Extension Programming to Support Beginning Farmers in the Southeast United States.*  
Joseph Barbaree, Abigail Borron, Jennifer Jo Thompson, Kevan Lamm



*Evaluating Rural Health Disparities in Colombia: Identifying Barriers and Strategies to Advancing Farmworker and Refugee Health.*  
John Diaz, Lara Vargas, Isabel Taboada, Adriana Abreu, Norman Beatty

*Farmers' Satisfaction with Extension Services in Trinidad and Tobago: A Comparison of Private Sector and Public Sector Services.*  
Wayne Ganpat, Mathew Edwin

**Session: 3-D Theme: Program Evaluation Room: ROZ 106**

Discussant: Jay Jayaratne

Timekeeper: Renzo Ceme

*Evaluating Impact: Assessing Impacts of an American NGO Working Globally in Extension and Technical Resourcing.*  
Abram Bicksler

*Using 6-Month Interviews to Understand if New Extension Professional Hires are Receiving Appropriate Levels of Support.*  
Matt Benge

*Exploring the Impact of Students' Service-Learning Experiences on Rural Communities.*  
Audrey E. H. King, Linnea Langusch, J. Shane Robinson, Tyson Ochsner, Paul Weckler, Mark Woodring

*Designing, Delivering, and Evaluating Program in Urban and Sub-urban Areas: Challenges and Solutions from the Perspective of Extension Educators.* Anil Kumar Chaudhary, Sharmistha Basak

*Is the Evidence from Extension Programs Credible?*  
Sharmistha Basak, Anil Kumar Chaudhary

**Session: 3-E Theme: Social Media and Information and Communication Technology (ICT)  
Room: LA 202**

Discussant: Helen Hambly

Timekeeper: Firoze Alam

*ICT Adoption in Caribbean Extension: Comparing the Perspectives of Food Producers and Extension Professionals.*  
Adelle Roopchand, Lendel Narine, Wayne Ganpat

*Social Media Use and its Impact on Social Learning Among Facebook Users in the Agricultural Sector of Trinidad and Tobago.*  
Jeet Ramjattan, Wayne Ganpat, Ataharul Chowdhury

*Social Media Utilization Level among South African Smallholder Farmers: Implication for Technology Inclusiveness and Effective Extension Service Delivery.* Andani I. Mulaudzi, Oluwasogo D. Olorunfemi, Azikiwe I. Agholor

*Challenges and Opportunities of Using Information and Communication Technologies (ICT) in Groundnut Value Chains in Rural Uganda.*  
Bhuvna Arora, Jamie Greig, David Ader, Annie Carter

**Session: 3-F Theme: International Development Considerations Room: LA 203**

Discussant: Khondokar Kabir

Timekeeper: Carson Letot

*Homework that Pays: Using Home Entrepreneurship Projects to Create a Value-Added Learning Experience for Ghanaian Students.*  
Jessica R. Spence, Meikah Dado, Sherrie Ray, Jack Elliot

*The Role of International Agriculture Offices in Global Development: A Literature Review.*  
Lindsay Naumann-Montoya, Katherine E. McKee, Mary T. Rodriguez

*How does Facebook Support Agricultural Advisory Needs? The Case of Rooftop Gardening in Bangladesh.*  
Khondokar Humayun Kabir, Saifur Rahman, M. Maruf Hasan, Ataharul Chowdhury, M. Asaduzzaman Sarker

*Towards a Competency Model Approach to Agricultural Development: Evidence and Insights from Central America and Malawi.*  
John Diaz, Colby Silvert, Alwin Hopf, Austen Moore, Veronica Gottret

Coffee Break: 3:10 pm to 3:30 pm

Landscape Architecture Pit




---

**3:30 pm to 4:45 pm Professional Development Sessions**
**Session:** 60 Minutes      **Room:** LA 125

**List of Papers**

*The Application of a Gendered Lens in Global Development Research and Evaluation.* Carmen Benson (Texas A&M University/Tetra Tech), Mary Rodriguez (Ohio State University), and Theresa Murphrey (Texas A&M University)

**Session:** 60 Minutes      **Room:** LA 202

**List of Papers**

*How to Integrate Virtual Global Learning Initiatives into Colleges of Agriculture.* Taryn Devereux (University of Maryland) and Anna Glenn (Liberia International Christian College)

**Session:** 60 Minutes      **Room:** LA 203

**List of Papers**

*Strategies to Face the Challenges of Evaluation Capacity Building When Working with Extension Professionals Not Trained in Evaluation.* Vikram Koundinya (University of California-Davis), Steven Siegelin (Montana State University), LaJoy Spears (New Mexico State University), Alda Norris (University of Alaska-Fairbanks), Nav Ghimire (University of Idaho), Christina Sanders (Washington State University), Najat Elgeberi (University of Nevada-Reno), Mary Halbleib (Oregon State University)

**Session:** Ignite      **Room:** LA 143

**List of Papers**

*Community Based Collaborative Effort to Aid Farmers in Battling Climate Change.*  
Robbie Jones (UF/IFAS Extension), Donna Arnold (FAMU Extension)

*Developing Critical Digital Literacy of Agri-food Stakeholders to Combat Agricultural Misinformation.*

Md Firoze Alam (School of Environmental Design and Rural Development, University of Guelph, Ontario, Canada), Ataharul Chowdhury (School of Environmental Design and Rural Development, University of Guelph, Ontario), Khondokar H. Kabir (School of Environmental Design and Rural Development, University of Guelph)

*Mentorship in Agricultural Teaching Profession.*

Vincent Chidindu Asogwa, Alfred F. Tsikati, Mpendulo Mathenjwa (University of Eswatini)

*Growing Partnerships: Applying Lessons Learned from using Experimental Farms as Spaces for Knowledge Exchange, Partnership and Collaboration.* Candace Aqui (Office of Research – Agri-food Partnership, University of Guelph), Rebecca Dunn (Office of Research – Agri-food Partnership), Michelle Linington (Research and Innovation Branch, OMAFRA)

*Artificial Intelligence Systems to Share your Impact: Things that Change Do Not Stay the Same.*

Robert Strong (Texas A&M University), James R. Lindner (Auburn University)

*What's New in U.S. Priorities for International Agricultural Development?* Carmen Benson (Texas A&M University)

*Harnessing The Role Social Capital on Smallholder Farmers in Agricultural Commercialization.*

Christen MalaidzaChristen Malaidza (AGCOM Project, Malawi)

5:00 pm to 6:30 pm	<b>Poster Session and Happy Hour Event</b>	LA Studio
6:45 pm to 10:00 pm	Student Social & Dinner on Own	Student Social, Bull Ring, University of Guelph

---





# UF | IFAS

UNIVERSITY *of* FLORIDA



**Center for  
Public Issues  
Education**



Friday, April 28	Activity	Room
8:30 am to 9:40 am	Committee Meetings	LA 143, 133, 127, 125, 202, 203
9.40 am to 9.55 am	Coffee Break	LA Pit

10:00 am to 11:40 am

#### Abstract Session 4

**Session: 4-A Theme: Teaching, Learning and Sustainable Development Goals Room: LA 143**

Discussant: Keba Hulela

Timekeeper: Edward Asafo-Agyei

*New Model for Utilizing Online Education Platforms to Improve Students' Academic Achievements and to Enhance their Desire to Learn.*  
 Mohammad Chizari, Seyedeh Bahar Homayoon, Masoud Yazdanpanah, Tahereh Zobeidi

*Teaching What Matters: Assessing Ghanaian Science Educator Perceptions of the United Nations Sustainable Development Goals*  
 Carson Letot, Jessica R. Spence, Daniel Foster

*Promoting Critical Thinking in Kenyan Undergraduate Students: Is the Critical Thinking Inventory the Right Tool?*  
 Millicent A. Oyugi, Kristin E. Gibson, Alexa J. Lamm, Miriam N. Kyule

*Explicating the Relationship Between Undergraduate Students' Critical Thinking Styles and Country of Origin.*  
 Millicent A. Oyugi, Alexa J. Lamm, Kevan W. Lamm, Sudarshan Adhikari, Ram H. Timilsina

**Session: 4-B Theme: Teaching, Learning and Sustainable Development Goals Room: LA 133**

Discussant: Shannon Norris-Parish

Timekeeper: Jessica Spence

*Influence of School Garden Learning Approach on the Academic Development of Global Service-Learners.*  
 Samuel Ikendi, Michael Retallick, Gail Nonnecke

*Opportunities and Challenges in Adopting the Global Classroom Model within a College of Agriculture.*  
 Anna Glenn, Taryn Devereux

*How the Global Classroom Model Creates Transformative and Inclusive Spaces for Students in Agriculture & Extension.*  
 Taryn Devereux, Anna Glenn

*Meaningful Skills for the Global Agricultural Workforce: Assessing the Confidence Levels of Agricultural Educators to Integrate STEM into AFNR Curriculum.* William Norris, Shannon Norris-Parish

**Session: 4-C Theme: Teaching, Learning and Sustainable Development Goals Room: LA 203**

Discussant: Craig Edwards

Timekeeper: Allison Byrd

*Moodle Platform Adoption by Class of 2021 for E-Learning at Botswana University of Agriculture And Natural Resources.*  
 Kebatenne Hulela, Fally Masambuka-Kanchewa, Dorcas Ookeditse

*How Do Preservice Teachers Reflect on Global Food Security Education? Thoughts from a Domestic Immersion Experience.*  
 Audie L. Cherry, Kasee Smith, Daniel D. Foster, Jeremy Falk, Melanie Miller Foster, Gavin Voelckers

*Examining the Reasons why Students Choose Specific Study Abroad Experiences at the University of Georgia.*  
 Eric Rubenstein, James Scott, Trevor Queen, Amanda Newquist, Victoria McMaken

**Session: 4-D Theme: Wicked Problems Room: ROZ 106**

Discussant: Gary Briers

Timekeeper: Meikah Dado

*Perceived Threats and Pandemics: Understanding Americans' Perceptions of Immigration During COVID-19.*  
 Sydney Honeycutt, Ashley McLeod-Morin, Angie B. Lindsey, Lauri Baker, Ricky Telg, Dale Pracht, Caroline Barnett



*Addressing a Globally Important Issue: Assessing Residents' Engagement in Wildlife-Friendly Landscaping.*  
Dharmendra Kalauni, Laura A. Warner, Colby J. Silvert, Arati Joshi

*Farmers' Stress During the COVID-19 Pandemic.*  
Suzanna Windon, Carolyn Henzi

*Examining Community Viability and Attitudes Toward Mental Illness: Insights for Global Community-Based Care.*  
Carrie N. Baker, Sarah A. Bush

**Session: 4-E Theme: Social Media and Information and Communication Technology (ICT)**

**Room: LA 125**

Discussant: Vikram Koundinya

Timekeeper: Chin-Ling Lee

*The ICT Stewardship Project: Introducing a Community of Practice Approach for Inclusive Digital Innovation Training with EAS Practitioners.* Gordon Gow, Uvasara Dissanayake, Wayne Ganpat, Ataharul Chowdhury, Jeet Ramjattan

*Technology Implementation for Ugandan Smallholder Farmers for Agriculture Improvement.*  
Anna Mathis, Olivia Murphy-Sweet

*The Peaks and Valleys of Connection: Lessons from EU/UK Smart Village Projects and Supportive Policies for a Canadian Context.*  
Blake Glassford, Ryan Gibson, Sarah Breen, Adam Sneyd

**Session: 4-F Theme: International Development Considerations Room: LA 202**

Discussant: Benard Walumbe

Timekeeper: Sultana Yeasmin

*Saving and Internal Lending Communities: A Case Study of an Agricultural Community in Guatemala.*  
Pablo Lamiño Jaramillo, Amy E. Boren Alpizar, Renzo Ceme Vincas, Carlos Duran Gabela

*U.S. Army Civil Affairs: Providing Stability and Security in Agadez, Niger through Agriculture.*  
Nicholas Cassell, Rafael Landaverde, Mary Rodriguez

*Perceptions of Mentors on Borlaug International Fellowship Program: Implications for International Agriculture.*  
K. S. U. Jayaratne, Savannah Currens, Adrienne Tucker, J. Jose Cisneros

*An Analysis of Demographic Characteristics of Ghanaian Livestock Farmers.*  
Daniel Ayisi Nyarko, Fallys Masambuka-kanchewa

11:45 am to 12:45 pm	Lunch	Landscape Architecture Pit
12:45 pm to 2:00 pm	<b>AIAEE Business Meeting</b>	ROZANSKI (ROZ) 103
2:00 pm to 2:20 pm	Coffee Break	LA Pit

2:25 pm to 3:25 pm Professional Development Sessions

**Session: 60 Minutes Room: LA 143**

*Design Thinking and Co-Creation: Engaging Smallholder Farmers in Technological Solutions for Sustainable Agriculture.*  
Sarahi Morales (Zamorano University)

**Session: 60 Minutes Room: LA 125**

*Charting the Future: Engaging Maps.Me, OSM Tracker, and Open Street Maps in International Agricultural Extension and Education.*  
Ariel Kent (New Mexico State University)

**Session: 60 Minutes Room: LA 133**

*Operationalizing Operant Subjectivity: What is Q Method and How Can You Use It?*  
Jessica R. Spence (Virginia Tech), Carson Letot (Penn State), Jean Parrella (Texas A&M University), Tobin Redwine (Texas A&M University & Vivayic)



**Session: 30 Minutes      Room: LA 203**

List of Papers

*Creating Vibrant, Sustainable Communities: Using a CVI instrument in Extension Work.*

Sarah Bush (University of Florida), Carrie Baker (University of Florida), Rick Rudd (Virginia Tech), Megan Seibel (Virginia Tech)

*Passing the Torch: Igniting the Future Leaders of Study Abroad Programs.*

Kameron Rinehart, Jason Headrick, Amy Boren Alpizar (Texas Tech University)

**Session: 30 Minutes      Room: LA 202**

List of Papers

*Fostering Inclusion & Pluralism in Hands-On Study Abroad Experiences.*

Kameron Rinehart, Jason Headrick, Amy Boren-Alpizar (Texas Tech University)

*The Farmers Are Taking Care of This – Rebuilding Traditional Food Systems and Resilience in Rural Haiti and Uganda Through Farmer-to-Farmer Agroecology Learning and Action.* Michael Neumann (Michael Neumann, Partners In Progress), Claubert Versey (Ecole Communautaire Gamaliel Deslandes), John Baptist Oyera (Oyera Rural Inclusion and Well-being)

**3:30 pm to 4:30 pm      Professional Development Session**

**Session: 60 Minutes      Room: LA 143**

*Considering the future of extension internationalization: what do we know and what do we need to know?* Ben Grove (Virginia Tech), Taryn Devereux (University of Maryland), Amanda Dickson (Purdue University), Nicole Strong (Oregon State University)

**Session: 60 Minutes      Room: LA 203**

*Making Sure We are Not Predatorial: Effective Engagement How-To for Community Educators.* Kristina Hains (University of Kentucky), Bryan Hains (University of Kentucky)

**Session: Roundtable      Room: LA 125**

List of Papers

*Concept of Integrated Extension Management for Bridging the Knowledge Gap among Heterogenous Group of Technology Adopters.* Usha Rani Joshua

*Strengthening Professional Development in Agricultural and Extension Education Amidst Global Diversity.*

Augustine O. ANGBA (Department of Agricultural Extension and Rural Sociology Faculty of Agriculture, Forestry & Wildlife Resources University of Calabar, Cross River State, Nigeria)

*Bridging the Gap: Utilizing ERGs/BRGs to Promote an Inclusive Agriculture Industry for members of the LGBTQ+ Community.*

Tyler J. Price (Oklahoma State University), Tanner Lopez (Midan Marketing), M. Craig Edwards (Oklahoma State University)

*Facilitating Experiential Learning: Effective Approaches for Reflection and Meta-Cognition.*

Bradley M. Coleman (Oklahoma State University), J.C. Bunch (University of Florida)

*Microadaptive Learning Innovations for Global Place-bound Secondary and Post-Secondary Agriculture Students: A USDA NIFA AFRI Rapid Response to Novel Coronavirus Project.* John Ricketts (Tennessee State University)

4:40 pm to 5:40 pm

**Invited Presentations**

ROZ 103

*The Case for Increased Support for Extension Services in Canada,*  
Serge Buy, Chief Executive Officer,  
Agri-food Innovation Council

*Migrant Farm Workers' Rights and Capacity Development in Canada.*



	Gabriel Allahdua, Activists-in-Residence, University of Guelph,	
6:30 pm to 8:30 pm	<b>Awards Reception and Dinner</b>	The Arboretum Conference Room

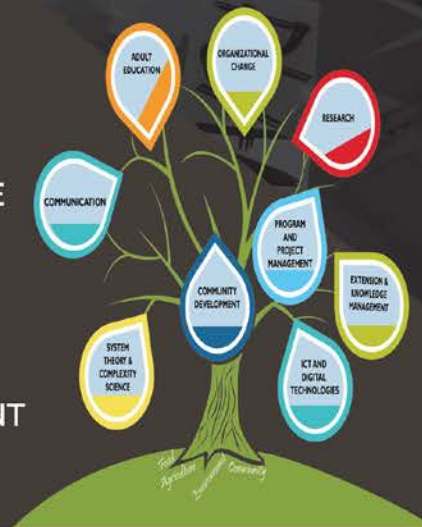
<b>Saturday, April 29</b>	<b>Activity</b>	<b>Room</b>
8:00 am to 8:30 am	Leave University for the Conference Tours	In front of the LA Building Check the tag in your name badge <b>Yellow:</b> Tour 1, Cultural Heritage <b>Green:</b> Tour 2, Farm Tours <b>Blue:</b> Tour 3, Agri-food Innovation
8:30 am to 5:30 pm	<b>Conference Tours – Lunch at Each Location</b>	
5:45 pm to 6:45 pm	Executive Board (By invitation only)	LA 140
7:00 pm	Dinner	On Your Own

<b>Sunday, April 30</b>	<b>Activity</b>	<b>Room</b>
Open	Departure	



# Capacity Development & Extension

COMMUNITY DEVELOPMENT  
 SYSTEM THEORY & COMPLEXITY SCIENCE  
 COMMUNICATION  
 ADULT EDUCATION  
 ORGANIZATIONAL CHANGE  
 RESEARCH  
 PROGRAM & PROJECT MANAGEMENT  
 EXTENSION & KNOWLEDGE MANAGEMENT  
 ICT & DIGITAL TECHNOLOGIES



**UNIVERSITY**  
*of*  
**GUELPH**

To learn more about improving life through our Graduate Programs in Capacity Development and Extension, Rural Planning and Development, Landscape Architecture, and Rural Studies (PhD) within the School of Environmental Design and Rural Development please visit:  
[www.uoguelph.ca/sedrd/](http://www.uoguelph.ca/sedrd/)

IMPROVE LIFE.