



Advancements in Agricultural Development

Symposium on the *Applications of Artificial Intelligence and Digital Technologies in Agricultural Development Research and Practice*

Monday, October 13	
9:00 to 10:00	Registration and Check-in (UCD Staff Club)
10 to 10:30	Opening Ceremony and Welcome (UCD Staff Club) <i>Grady Roberts, University of Florida</i> <i>Prof. Frank Monahan, Dean of Agriculture and Head of the School of Agriculture and Food Science, UCD</i>
10:30 to 11:00	Session 1 (UCD Staff Club) 1. <i>Large Language Models for Agricultural and Rural Development: An Application of Foundational Models in Extension</i> Paul Hill*, Utah State University; Lendel Narine*, Utah State University 2. <i>Asking the Right Question: Toward a Research Agenda for Responsible GAI in Agricultural Extension</i> Jawoo Koo, IFPRI; Eliot Jones-Garcia*, IFPRI; Niyati Singaraju, IRRI; Kristin Davis, IFPRI
11:30 to 12:30	Poster Session (UCD Agriculture & Food Science Centre)
12:30-1:30	Lunch on your own
1:30 to 2:30	Session 2 (UCD Staff Club) 3. <i>Creative Teaching Methods for Imagining the Future of Technology in Farming: Storytelling for Responsible Transitions</i> David Christian Rose*, Harper Adams University 4. <i>Artificial Intelligence in Education: Perspectives of Secondary Teachers</i> James Lindner*, Auburn University; Christopher Clemons*, Auburn University; Jason McKibben*, Auburn University
2:30 to 3:00	Break
3:00 to 4:30	Session 3 (UCD Staff Club) 5. <i>Revisiting Everett M. Rogers: A Systematic Review and Random Forest Analysis of Technology Adoption in Modern Agriculture</i> Jaehyun Ahn*, University of Florida; Brian E. Myers, University of Florida; Laura Warner, University of Florida; John Diaz*, University of Florida; Pablo Lamino, University of Florida 6. <i>Application of Reinforcement Learning from Human Feedback for Localizing Quality Agricultural Advice using Generative AI</i> Rikin Gandhi, Digital Green; Alesha Miller*, Digital Green; Jona Repishti, Digital Green 7. <i>Single Case Experimental Designs (SCEDs) in Agricultural Advisor Training: A Novel Method for Evaluating Capacity Building in Farmer Mental Health Interventions</i> Lousie McHugh*, University College Dublin
4:30 to 6:00	Reception (UCD Staff Club)

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<https://agdevresearch.org/index.php/aad>

Tuesday, October 14	
8:30 to 9:30	Current and Emerging Issues in Scientific Publishing (UCD Staff Club) <i>Open to all journal editors, editorial board members, and concerned researchers.</i>
9:30 to 10:30	Session 4 (UCD Staff Club) 8. <i>Maintaining Connection: Using Emotionally Engaged Thinking to Enhance Artificial Intelligence Initiatives in Agricultural Domains</i> Nicole Stedman*, University of Florida 9. <i>Insights and Learnings from the Use of Design Thinking for Agricultural Innovation Design</i> Karen McGrath*, University College Dublin; Jim Kinsella*, University College Dublin; Tomás Russell*, University College Dublin
10:30 to 11:30	Poster Session (UCD Agriculture & Food Science Centre)
11:30 to 12:00	Closing Remarks <i>Amy Harder, University of Connecticut</i>