

2023 NCURA Senior Leadership Summit
AI and Research Development and Management: Opportunities and Challenges
Washington Hilton International Ballroom East, August 5-6, 2023

Saturday August 5th

1:00pm - Welcome by NCURA President Bryony Wakefield, University of Glasgow

1:05pm to 1:30pm - Participant Introductions (*Name, Title, Institution*)

Session One: Incorporating AI into Research Administration

1:30pm to 2:00pm

Assessing the AI Landscape

Dan Nordquist, Washington State University

Bryony Wakefield, University of Glasgow

- Artificial Intelligence: In the Beginning...
- How many of you are currently utilizing AI tools to improve your operations?
- Do you have a committee or working group on AI?
- Does your office or institution have policies governing the use of AI?

2:00pm to 3:15pm

The Role of AI in Research and Development

Ara Tahmassian, Harvard

Robert Pilgrim, University of Arkansas

- How can AI contribute to institutional research development?
- Can AI assist to identify internal and external collaborators?
- Can AI assist in matching strategic research themes with potential funders?
- Can AI increase the yield on proposals?

3:15pm to 3:30pm Break

3:30pm to 4:45pm

AI Opportunities in Proposal Submission and Award Negotiation

Robin Beach, University of Illinois at Urbana-Champaign

Dan Harmon, University of Illinois at Urbana-Champaign

David Richardson, University of Illinois at Urbana-Champaign

- Can AI assist with pre-award document reviews for consistency and completeness?
- Do you focus on internal information only, or also include external public information?
- Are there privacy and confidentiality concerns?
- Can AI streamline the award negotiation process?

4:45pm to 5:00pm

Session One: Wrap-up

Dan Nordquist, Washington State University

5:45pm Meet at Front Terrace Doors to walk to 6:00pm dinner at Lauriol Plaza, 1835 18th St NW.

Sunday August 6th

8:30am – 9:00am – Continental Breakfast

Session Two: Managing Research, Ethics, Compliance, and Collaborations in the Age of AI

9:00am – 10:15am

Impact of AI on research integrity

Bryony Wakefield, University of Glasgow

National Science Foundation Representative (pending)

Christopher Keane, Washington State University

- What are the general ethical considerations of the use of AI in research?
- What are the positive or negative experiences with research publications generated by AI?
- What are the consequences of using AI to fill data gaps or enhancing your scope of work?
- How do you view the use of AI impacting research security?

10:15am to 10:30am BREAK

10:30am to 11:45am

Using AI to Improve Research Management and Research Development

Andrew Chase, Mass General Brigham

Martin Kirk, King's College London

- How can we use AI to help overall post-award management (ie. NSF data analytics)?
- Can AI expedite the review of award setup and management?
- How can AI positively impact invoicing and financial transactions such as travel, equipment, etc.?
- Can AI reduce the risks associated with the management of subawardees?

11:45am to 12:45pm Lunch

12:45pm to 1:30pm

Impact of AI on the Profession of Research Administration

Nancy Lewis, University of California-Irvine

David Richardson, University of Illinois at Urbana-Champaign

Bryony Wakefield, University of Glasgow

- Will the profession see another shift in skill sets: programmers to data analysts?
- How should NCURA prepare to support this shift?
- How does such a shift impact office structure?
- Does NCURA need an AI Track or Stand-Alone conference?

1:30pm to 2:15pm

Open Discussion and Summit Wrap-up

Chris Keane, Washington State University

Kim Moreland, University of Wisconsin

2:15pm – Summit Ends