Ethical Considerations for Learning Analytics

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Activity Summary

20 min. The Briefest of Introductions to Learning Analytics (if needed) & Attendee Introductions

20 min. Break-out groups discuss Learning Analytics Ethical Questions

45 min. Break-out groups co-lead discussions (8 – 15 min. each)

5 min. Short break

15 min. Review white paper and generate questions

20 min. Discuss responses to the questions on the white paper
Introduction to Learning Analytics

Learning Analytics has been defined as:

“measurement, collection, analysis and reporting of data about learners and their contexts, for purposes of understanding and optimizing learning and the environments in which it occurs.”

Source: Society for Learning Analytics Research (SoLAR)
Learning Analytics as a Process

Student Completes Lesson in Canvas

Activity Data Stored in Database

Instructor Reviews Dashboard
Learning Analytics as a Process

Instructor Uses Information to Help Students and Improve Pedagogy
What does building a learning analytics look like?

Data Access → Data Warehousing → Analysis → Reporting

Security, Compliance, Institutional Policy, Ethics
Introductions

• Name
• Department
• What do you know about learning analytics in one sentence?
• What is of most about learning analytics and ethics; in other words, what would you like to get out of this session?
Break-Out Session #1: Ethical Questions

Please get into one of three groups. Each group will focus on one set of questions on the handout (“Communication,” “Data Care,” or “Decision-Making”). This activity will take 20 minutes.

Please prepare to lead the whole group in 8 – 15 minutes of discussion on your category of questions by taking these steps:

1. Based on the question set, summarize what your group sees as the crucial issues for deeper consideration

2. Prepare to guide the whole group in discussing these issues
Five-Minute Break
Break-Out Session #2: Ethics White Paper (Draft)

Please take 10 – 15 minutes to review the Ethics White Paper with the following questions in mind:

1. How effectively does the white paper draft address the questions and categories discussed in the first hour?
2. What approaches should be used to engage groups across campus in discussion of these issues?
3. How, ideally, should this white paper be used?
Discussion: Ethics White Paper (Draft)

Questions:

1. How effectively does the white paper draft address the questions and categories discussed in the first hour?
2. What approaches should be used to engage groups across campus in discussion of these issues?
3. How, ideally, should this white paper be used?
What do we do now?
Questions & Discussion
Thank you!

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PDI Analytics Series

Analytics Part 3: Unizin Initiatives
LSC 300, Wed., 1 – 2 pm