CIMA/CAA AI Jamboard

1) How are you using AI technologies at your institution?
   a) Infrastructure:
      i) Forming committees to develop guidelines
      ii) USC Center specifically created for AI; used in the Center for Public Health
      iii) UCF Center for Teaching & Learning is providing training
      iv) SEC created an initiative with taskforces to discuss AI, provide workshops and trainings, and share resources across all SEC institutions
      v) AI Resources Working Group
   a) Practices:
      i) Predictive analytics
      ii) Chatbox for students
      iii) Project management
      iv) Student and donor recruitment
      v) Blackboard and canvas
      vi) Coding assistance
      vii) Medical imaging – researchers have increased the accuracy rate of tumor identification
      viii) Robots delivering food on-campus
      ix) Voice and face recognition AI technologies
   b) In Academic Programs:
      i) Teaching a course in AI with mix of computer science and business student; completing projects for companies
      ii) Using Chat GPT to develop syllabus to save time
      iii) Students are using Chat GPT to create outlines and to use as a sounding board for writing ideas
      iv) Intro to Chemistry course redesign
      v) NLP on student survey response
      vi) Creating question banks for student to practice for exams
   c) Administration:
      i) Provost’s office uses AI to provide oversight and monitor
      ii) Used for faculty activity reports
      iii) Using institutional library archives to change thesis and literature reviews
      iv) Institutional research – still needs work with generative vs. Predictive modeling applications
      v) IT uses it for initial code generation pending audit
      vi) Faculty senate discussions on AI
      vii) Policy summaries, i.e. US Supreme Court decisions
   d) General:
      i) AI is used as a tool to enhance productivity, predictive analytics
      ii) Leveraging data sets using ML to spend more time to consulting sharing data insights

2) What challenges, concerns, or questions do you have regarding AI technologies?
   a) Rapid acceleration of AI and needing to build the infrastructure to appropriately manage and govern data, applications
      i) Technology becoming outdated quickly
ii) K12 has embraced AI, and if students are coming in and they are already used to using it.

iii) Policy conflicting with AI already in use

iv) AI business models are not built for higher education

v) Is AI just being added to software with no value added?

vi) Curating for real use

b) Need for AI literacy
   i) Identifying who is the AI expert on campus
   ii) Training, improving cultural challenges
   iii) How to avoid bias, how do you control sourcing? Historical bias
   iv) Identifying potential collaborators within the institutions and without
   v) Ethical use of data. Privacy controls
   vi) Faculty understanding of risks and rewards
   vii) Faculty are not trained to (1) use AI in research, (2) use AI to facilitate teaching, (3) understand how to teach AI literacy to students, (4) how to add AI to business processes
   viii) Fears/misunderstanding of how AI will impact roles/responsibilities—helping to understand, navigate, and prepare

c) Culture of each university (examples include interaction with senate, faculty, etc)
   i) What programs are going to withstand AI technologies; Provosts have to make tough decisions about what “survives”
   ii) Need more opportunities for faculty to play especially at scale—and changing pedagogy to be more active and thoughtful

d) Decentralization and quality of information, capacity to integrate and utilize effectively, how to use in reaching and learning, integrity risks, need AI application experts
   i) Curricular support using AI will be a challenge
   ii) Time on task for “human in the loop” could be overwhelming
   iii) Using it for proposal development
   iv) How do we improve prompt writing?
   v) How do we use it in academic program development?

e) How do we encourage students to improve their AI skills while learning to avoid pitfalls and academic integrity issues?
   i) People who teach writing and determining how to handle academic integrity
   ii) Concern that AI could diminish the values of writing skills; could help to redefine what we want students to learn about writing and writing skills; could help to define what we want students to learn about writing and that might differ by discipline
   iii) Little difference between human-generated and AI-generated questions
   iv) Losing the reasoning behind STEM concepts
   v) Teaching students how to ask the type of questions AI can understand
   vi) Implementing a tutoring mindset

f) No university-wide AI policy
   i) Internal housekeeping on standardizing data governance policies for all colleges on campus

g) Well-structured data is a limitation; need to collaborate w/ data folks
   i) Databases are not integrated to facilitate research
   ii) Bias in the scraped data
iii) Accuracy of faculty reporting; interfolio and digital measures, academic analytics are tools. Some scrape the internet
iv) Access to data
v) Who owns the data
h) Grant information is restricted from using AI because they don’t know where the information will go when the grant information is uploaded
i) Using the AI models to analyze qualitative, images of data already done by the campus
j) Move from being software engineer to consultant on how to leverage the data opportunistically

3) What topics/areas in AI would you like to be included as part of the APLU Annual Meeting in November?
   a) Digital Twins
   b) Building infrastructure and talent to support AI
   c) Focus on medical/healthcare areas
d) How to get away from the idea AI will take away jobs
e) How to teach faculty and students about biases in AI
f) How to revise institutional policies to accommodate AI
g) How to use AI as a tutor
h) How can AI teach critical thinking
i) AI assessment
j) How we can transform staff and administrative roles to be more application and less paperwork
k) Concrete examples used on campus
l) Deeper workshops and longer session times on this topic
m) Hear more about the communications/English approach to AI
n) Legislative update relating to AI, including guidance from the Department of Education
o) Data governance and AI
p) Human in the loop
q) How can AI support student workforce development
r) Preparing students for the workforce ahead of them
s) Good examples of faculty training programs
t) Rapid fire presentations of illustrations of AI on campus