

FEB 23, 2024- Engineering Week

DEAN'S ADVISORY COUNCIL MEETING MINUTES

- Chair Jack Davis brought his last meeting to order and first item of business was to elect Manny Mora the new Vice Chair. Patrick Garcia will be the new Chair beginning the next Fall meeting of 2024.

Jay Misra- power point- "The Impact of Large Language Models"

- a. Do teachers know how to evaluate AI guardrails?
- b. Much of the discussion had to do with how questions are proposed and how tests are to be taken
- c. Engineering is behind several disciplines in "defining the question"
- d. Embrace the benefits of Chat GPT – if not students will sense faculty fear of it
- e. Let's train them with questions just not answers
- f. Policies and safeguards are important
- g. Teaching the Ethics of Chat GPT use
- h. Even ChatGPT needs to be checked- it can "hallucinate"

<https://acrobat.adobe.com/link/review?uri=urn:aaid:scds:US:22d68893-1731-38a8-a108-a42aa6ac44fa>

Elise De Leon- Professor of Practice- Chemical and Materials Engineering Department- Power Point

<https://acrobat.adobe.com/link/review?uri=urn:aaid:scds:US:9436e5d1-0f17-31ec-89ac-e81e9d5a6090>

- faculty perspective of Chat GPT is given
- Chat GPT will replace a person who cannot or won't interface
- Faculty need training
- We need a model of community to learn the processes and the questions
- The students are already leading
- Chat GPT will be used to meet job expectations
- 3 student testimonials – "asking the right question helps me learn better"
- "The mind is not a vessel to be filled, it is a spark to be ignited"

J-D Soltero- Seidel Leadership Institute

- They meet 2x a month
- Emphasis on leadership, communication, cooperation and interpersonal skills
- 15 people in the group
- What do our communities expect from our engineers in the political arena, the regulatory, the legal, etc.
- A recommended reading- "A Whole New Mind" by Daniel Pink

- Public speaking lessons were recommended by the Council- join Toast Masters
- The group is doing community service and an Energy paper as well

Atomic Aggies Presentation

 [DEANS COUNCIL PRESENTATION.pptx](#)

- “We should win” and “we have the home field”
- There are budget needs that will help with development and testing
- The Council asked for their 2024-2025 budget plan and will then look to support

Atomic Aggies budget plan was sent to Advisory Council Members for financial support

Future Presentations for Fall 2024 and Spring 2025

- Academy and Departmental Updates
- PSL update
- Stay tuned for a larger conference here at NMSU on AI and Chat GPT- Invite COE Dean’s from UTEP, UNM, ASU, others?

Meeting Adjourned

Bromilow Lecture was given by Ed Macha 1994 EE grad- CEO of Reliable Controls Inc of Salt Lake City