

ChatGPT and Instruction: Inclusive and Equity-Minded Teaching

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ChatGPT Edu workshops Facilitation Team:

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What elements of your current teaching materials might benefit from inclusive language or examples?



Objectives

Equip instructors with practical strategies to use ChatGPT as a tool for inclusive, equity-minded teaching –

- revising materials through a culturally responsive lens,
- identifying and mitigate AI biases,
- crafting inclusive prompts, and
- supporting Universal Design for Learning (UDL).

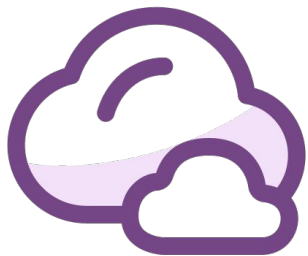
Outline

- Inclusive Pedagogy & AI
- Strategy 1: Revising Course Materials
- Strategy 2: Identifying Bias in AI
- Strategy 3: Crafting Inclusive Prompts
- ChatGPT and UDL
- Reflection & Wrap-up

Slido

- How do you define inclusive teaching in your discipline?
- “How might generative AI help us center inclusion and student voice in our teaching?
- “What elements of your current teaching materials might benefit from inclusive language or examples?”
- What are some equity challenges you have noticed or encountered related to AI in Education?

Cost, access, some students know how to use it and some not ..etc



What does 'inclusive teaching' mean to you?



What is Inclusive and Equity-Minded Teaching?

- Inclusive Teaching: Responds to student diversity and removes learning barriers.
- Equity-Minded: Recognizes systemic inequities and actively works to address them

Why Use ChatGPT for Inclusive Teaching?

- Saves time, provides diverse examples, supports multilingual learners.
- Potential: Co-create content with inclusive tone.
- Caution: Must vet content for bias.

"ChatGPT is only as inclusive as the prompts we give it."

Strategy 1: Revising Course Materials

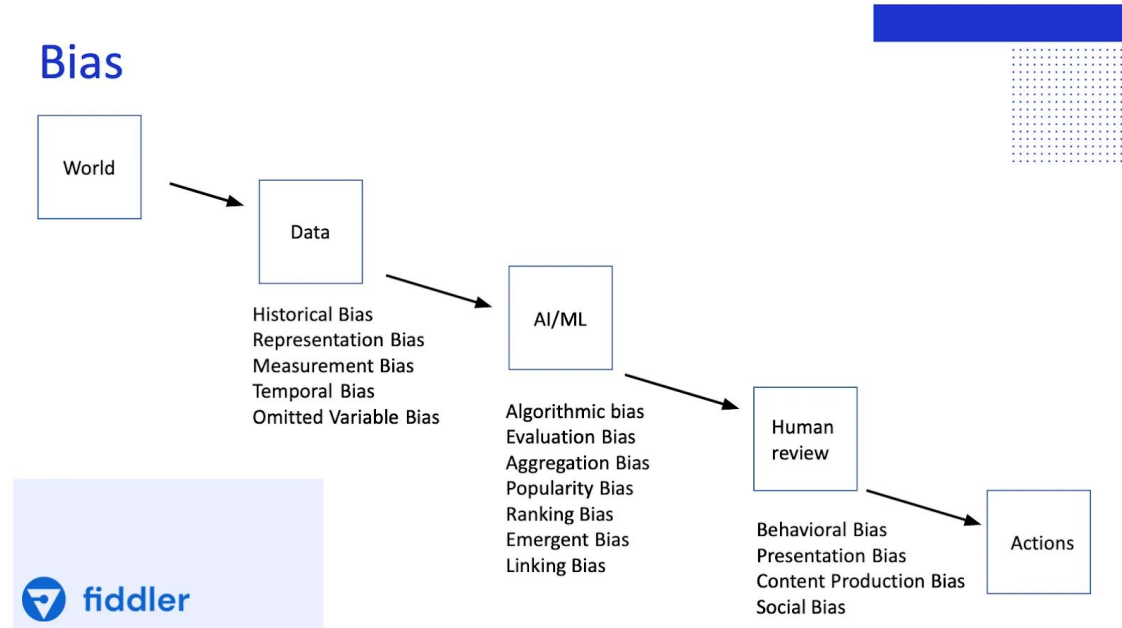
- Rewrite a syllabus in inclusive language.
- Suggest culturally responsive case studies.
- Translate prompts into plain or accessible language.

ChatGPT Prompt Example:

- *"Revise this [assignment/Syllabus] description using culturally responsive and inclusive language suitable for a diverse college classroom."*
- "Suggest inclusive examples I can use to teach this [topic] in a 4 -year college setting."

Strategy 2: Identifying Bias in AI-generated Content

- AI models like ChatGPT are trained on vast datasets, but those datasets may not always represent marginalized voices equitably.



Strategy 2: Identifying Bias in AI-generated Content

- Common patterns: gender, racial, and ability stereotypes.
- Train yourself to recognize implicit bias in ChatGPT's responses.

ChatGPT Prompt Example:

"Provide a classroom scenario for group work in an urban college setting."

Let us Discuss any assumptions ChatGPT made.



What biases have you noticed in AI-generated content?



Discussion

How would you teach students to recognize AI bias?

Strategy 3: Crafting Inclusive Prompts

- Help students see themselves in your course content.
- Prompting is key to shaping equitable content
- Inclusive Prompt Tips:
 - Set context
 - Avoid assumptions
 - Ask for multiple perspectives

ChatGPT Prompt Example:

“Create a discussion question for a [discipline] course that invites students to draw from their cultural or community backgrounds.”

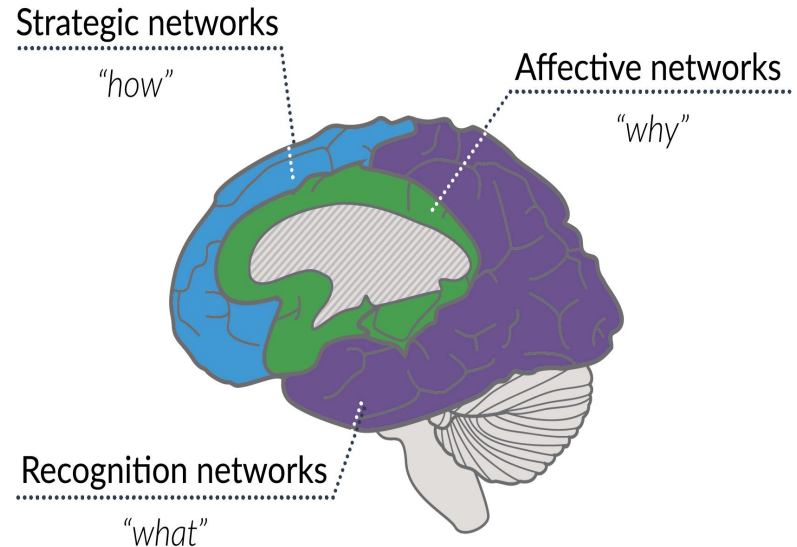
ChatGPT & Universal Design for Learning (UDL)

- UDL = designing for all from the start, not as an afterthought.
- UDL is “necessary for some, beneficial for all”— e.g., Target's automatic doors are essential for accessibility but helpful for everyone.

ChatGPT & Universal Design for Learning (UDL)

- Engagement (the why of learning, which aligns with **affective** networks): interest, effort and persistence, and self regulation.
- Representation (the what of learning, which aligns with **recognition** networks): perception, language and symbols, and comprehension.
- Action & Expression (the how of learning, which aligns with **strategic** networks): physical action, expression and communication, and executive function.

UDL Principles:



<https://udlguidelines.cast.org/>

ChatGPT & Universal Design for Learning (UDL)

Use ChatGPT to provide multiple means of engagement, representation, and expression.

ChatGPT Prompt Example:

- “Generate three different ways to explain this [concept] for visual, auditory, and reading/writing learners.”
- “Rewrite this quiz question for English language learners.”

Reflection & Takeaways

- Use ChatGPT to revise materials through a culturally responsive lens.
- Critically assess AI outputs for bias.
- Craft inclusive prompts to maximize equity.
- Leverage ChatGPT to support UDL principles

"You are the ethical guide in your classroom.
ChatGPT can support equity, if we lead it there."

Q&A

Next workshop:

Creating Custom GPTs (F 4/18)

11am-12pm

by Zoom

Thank you