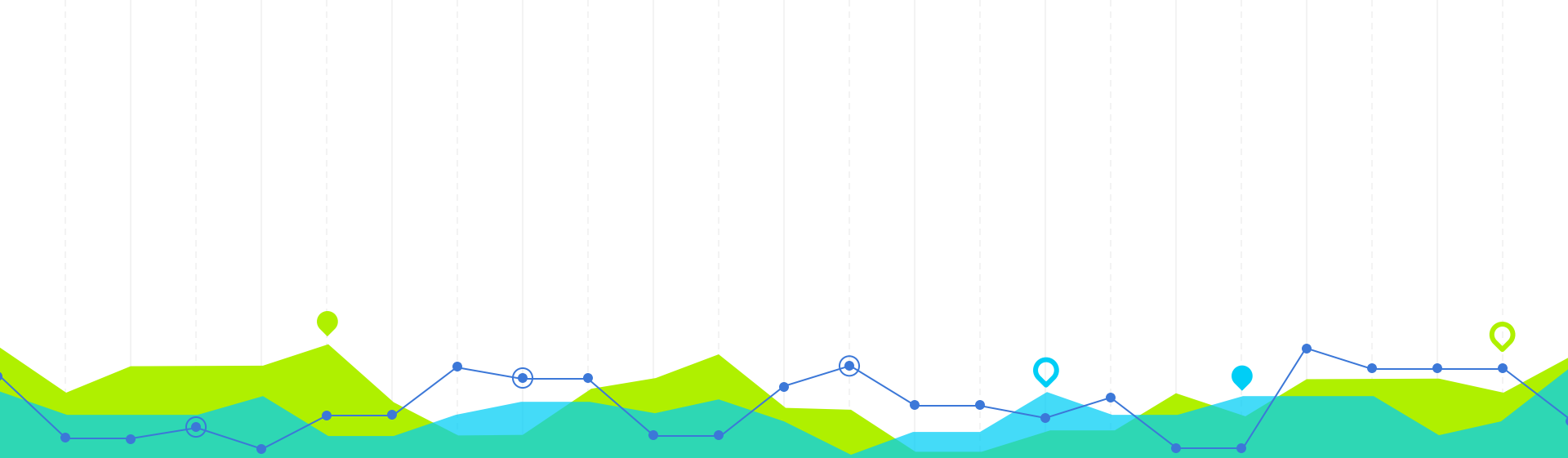# Setting Expectations for AI Usage with Your Students

Jessica DeSpain
Nicole Klein
Meg Smith

Defining AI

What is AI? What kinds of tools might be included in the definition?

1

What is AI?

"The science and engineering of making intelligent machines"

-   John McCarthy (1955)

What is AI?

The ability of machines to…

- ⦿ Identify patterns
- ⦿ Perform tasks
- ⦿ Make predictions

What is AI Not?

AI struggles to…

- Invent content from scratch
- Perceive, process, or feel emotions
- Hold ideas in tension
- Make complex, evidence-based arguments
- Humanize data and sources

What Can AI Do?

Aid comprehension

- ◎ Youtube Summary
- ◎ Speechify
- ◎ Otter.ai

Support research

- ◎ ResearchRabbit
- ◎ Semantic Scholar

Give feedback

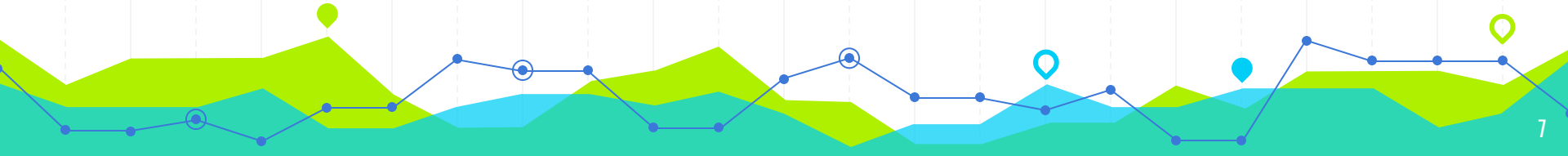- ◎ PowerPoint Speaker Coach
- ◎ Grammarly

Suggest design choices

- ◎ Canva Magic
- ◎ Adobe Sensei/Firefly
- ◎ Slidesai.io

Generate content

- ◎ ChatGPT
- ◎ GitHub Copilot
- ◎ Dall-E
- ◎ Bard

Disciplinary Differences

Sample syllabus statements

Discussion

What have you been experiencing in the classroom with AI usage among students?

Aligning AI Usage with Course Objectives

Emphasizing process over product, authorial accountability, and assessment

2

When to Talk about AI

With the Syllabus

Be transparent with student about when, how, and why you permit or do not permit AI usage in your syllabus

With Assignments

Tell students what tools might be useful for their purpose; model its usage; show them what it gets wrong and what it gets right

With Assessments

You cannot detect AI, but you can often see its results; talk with students about their usage of AI and how it can help or harm their learning process

Define AI for Students

◉ Students may not know what tools count as AI

◉ Be clear about which tools you welcome them to use for which purposes

◉ Talk through the "why" of your policy and how it relates to course objectives

◉ Have students write their own AI statements (see Cate Denial's post: ChatGPT and All that Follows)

AI usage is ITERATIVE

Asking Good Questions → Refining Inputs → Revising the Product

AI Can Come with Ethical Pitfalls

- Content generated by AI is an amalgam of other sources, which the tool may or may not cite
- When AI does provide citations they can be fake or "hallucinations"
- Sometimes the data used to generate AI content is outdated
- The data used to generate AI may have embedded biases

Students should Cite and Describe AI Usage

◉ Most citation systems have recommendations for citing AI-generated content; they may include the prompt; student should prepare to document their process

◉ Students should describe their usage of AI in an acknowledgement statement or methods section

◉ Liza Long's <u>Acknowledging and Citing Generative AI in Academic Work</u> is a helpful resource

Spectrums of AI Policy Statements

Prohibiting, allowed, or required, and under what circumstances?
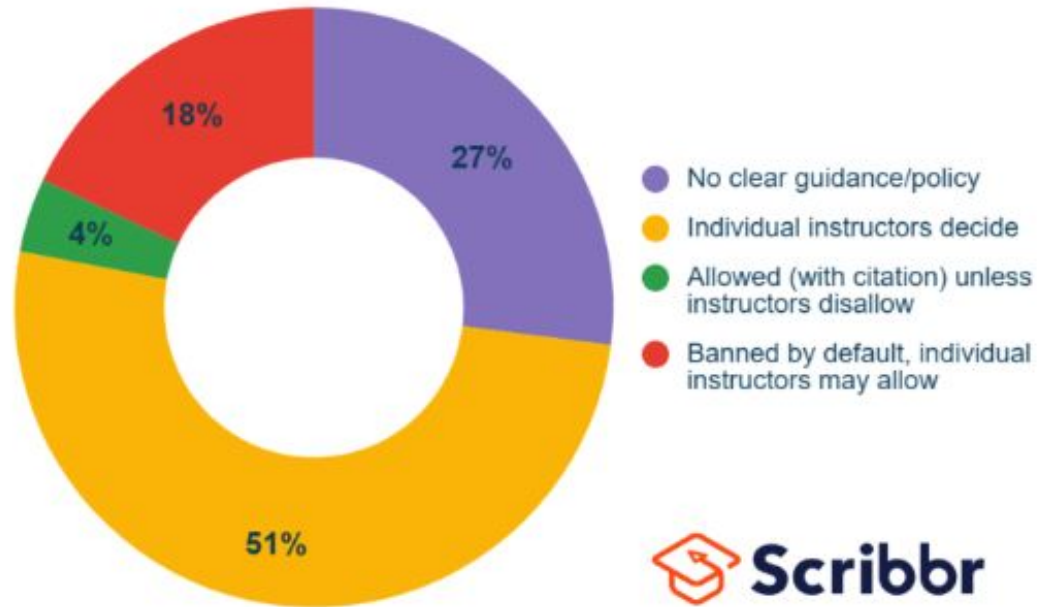
3

AI Statement in SIUE Syllabus Template

"Unless expressly allowed by the instructor, the use of artificial intelligence (AI) tools and applications (including ChatGPT, DALL-E, and others) to produce content for course assignments and assessments is a violation of SIUE's academic policy and is prohibited."

From https://www.siue.edu/its/idlt/toolkit.shtml

100 US universities' policies on AI

June 5, 2023

- No clear guidance/policy — 27%
- Individual instructors decide — 51%
- Allowed (with citation) unless instructors disallow — 4%
- Banned by default, individual instructors may allow — 18%

Scribbr

See data (Google Sheet)

https://rb.gy/diukv

Discussion

What AI usage do you permit/encourage/limit in your classes?

Spectrum of AI Policy Statements

Prohibiting	Mediating	Encouraging

See representative samples from Temple University's Center for the Advancement of Teaching.

Steps Prior to Developing an AI Policy for Your Courses

Discuss teaching approaches and unit-wide policies or practices with colleagues, department and unit leaders.

Learn about the implications of AI tools for teaching and learning.

Try out ChatGPT, Bard, or other free tools.

Resources for Writing Your AI Policy

Curated AI resources on the Center for Faculty Development and Innovation website

List of AI policy statements curated by Lance Eaton, College Unbound.

AI Forecasting Challenge created by Nicholas Carlini

Let's create

Try out the AI Syllabus Statement Tool
from Pepperdine University

THANKS!

Any questions?

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