ENGAGING WITH AI OR NOT YET? ARCHITECTURE AND PLANNING @ THE UNIVERSITY OF NEW MEXICO

Stephanie Beene, ARLIS/NA CDMX, 2023

BACKGROUND

SCENARIO 1

No engagement

"I have not dabbled in AI, nor am I considering anything like this in the future!"

(Planning Professor & Practitioner)

SCENARIO 2

Trepidation

"Students are already using it. We should be prepared to assess their work… It's coming for us!"

(Architecture Instructor)

SCENARIO 3

Moderate Interest

"It seems like a lot of hype at this point. I'm most excited about its potential for urban and city planning. I'm waiting and seeing."

(Design professor)

SCENARIO 4

High interest

"In my emergent technology class,
we generated designs using Midjourney. I'm
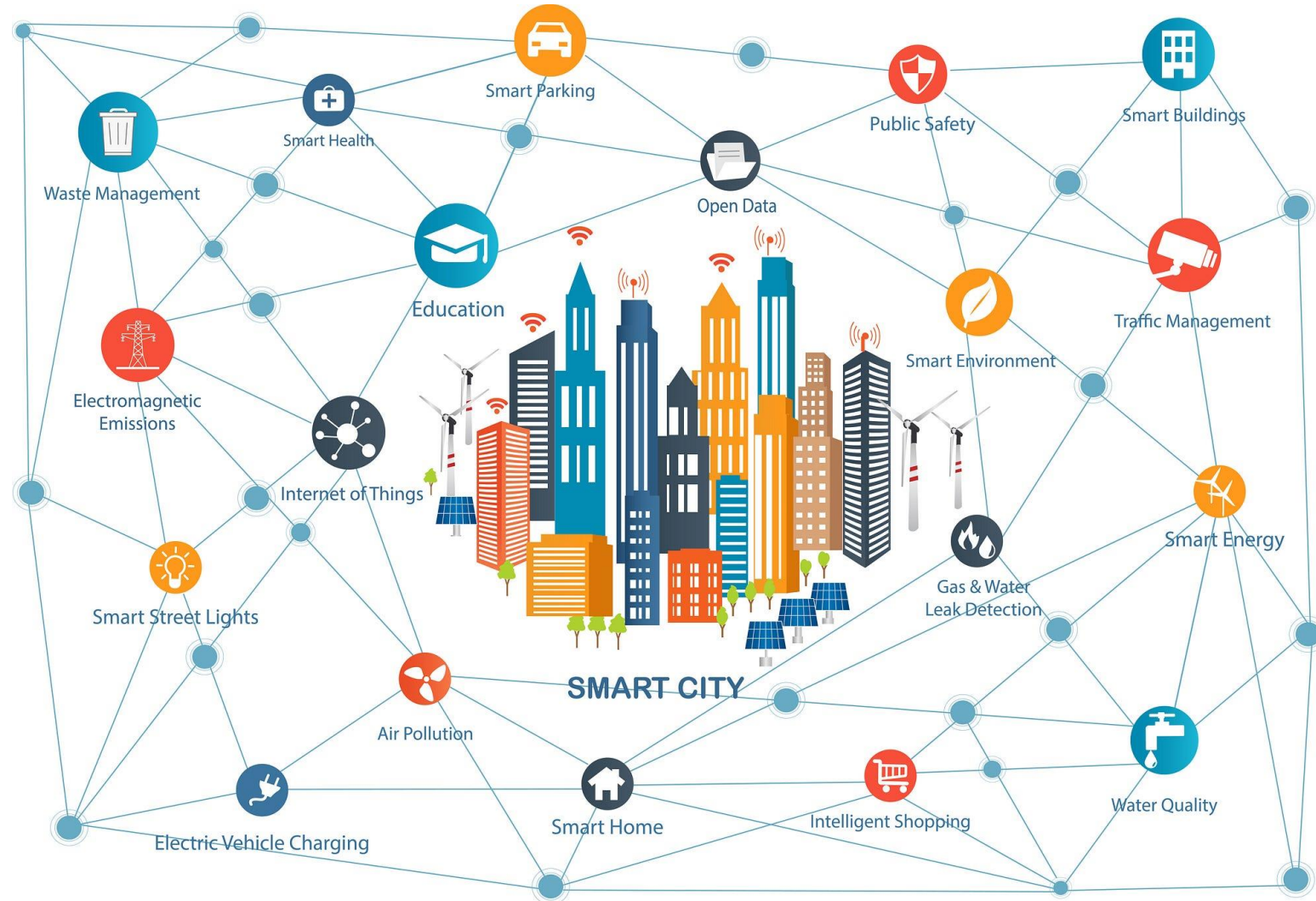excited to use AI for 3D models."

(Architecture Professor & Practitioner)

OPPORTUNITIES

NEW TECHNOLOGIES

- Smart cities
- Smart buildings
- Smart devices
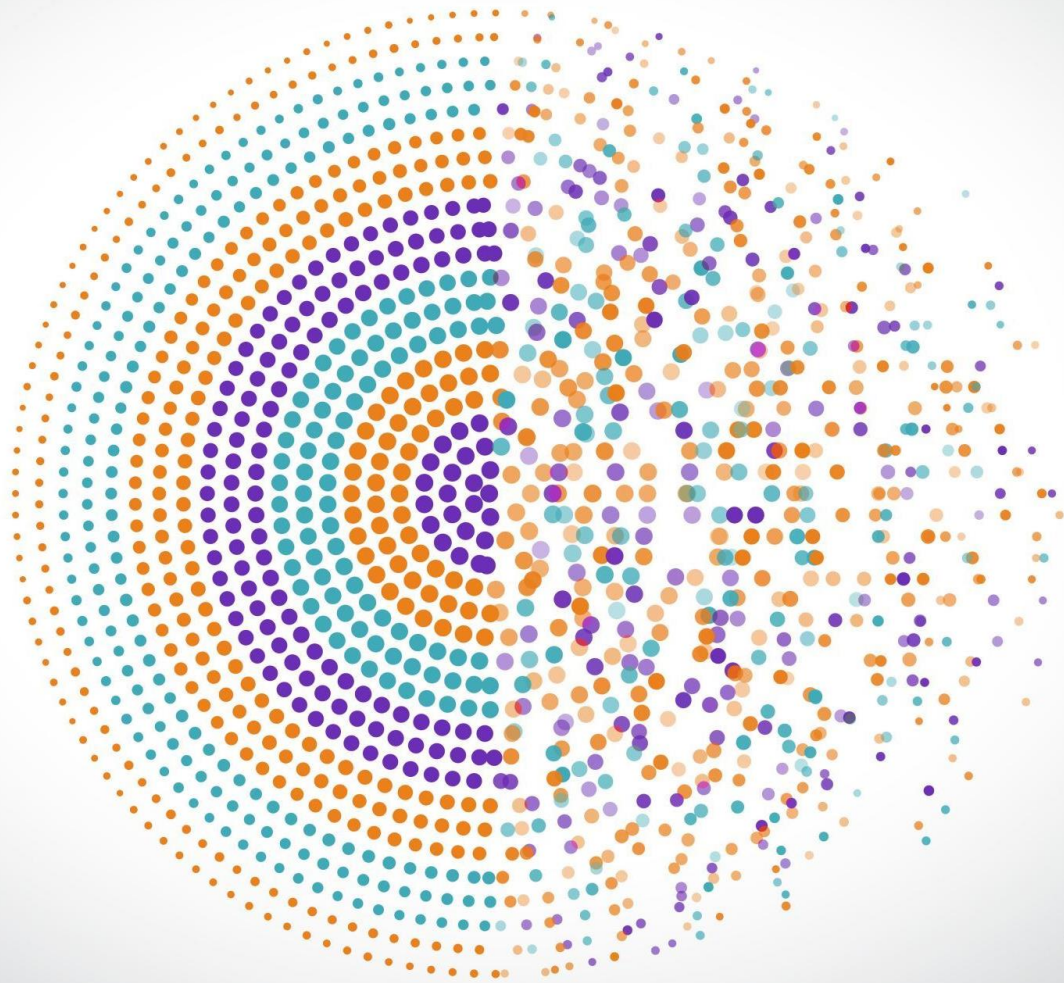- Internet of Things

CREATIVITY

Idea generation

Remix

Solutions

Planning

CHALLENGES

INEQUITABLE

Potential to perpetuate biases

Invisible labor

Surveillance capitalism

Climate Consumption

NEW FORMATS

Discernment and Critical Pedagogy

Cataloging, Archiving, and Preserving

Attribution

Big Tech (proprietary code)

THANK YOU!

IMAGE CREDITS

- Slide 2: "George Pearl Hall at Night," (a.k.a, the Architecture and Planning Building at the University of New Mexico, lit up at night), taken from across the street, by Photographer and UNM Libraries employee, Gregory Peterson, 2013-01-10, used with permission.

- Slide 8: "Figure 1 – Smart City Applications," in Golubovic, E. (2020, June 12). Improved Smart Waste Management for Smart City. *Inovatink*. https://medium.com/inovatink/improved-smart-waste-management-for-smart-city-7387a11f6204

- Slide 9: "Screenshot 2023-03-15 at 2.23.25 PM," designed using the open access AI tool MidJourney, from from the University of New Mexico Spring 2023 Architecture Studio Seminar mixed undergraduate and graduate course, "Emergent Technology for Designers," taught by Professor Tim Castillo, used with permission.

- Slide 12: Microsoft stock image of an angled building façade.

REFERENCES

- Kai Alexis Smith & Stephanie Beene, "New Routes for Architecture & Design Librarians: Planning for AI Futures", March 2023 presentation for the Association for Architecture School Librarians, Albuquerque, New Mexico. **In particular, please see the bibliography on slides 21-32.**