

Artificial Intelligence in Academic Public Health: Recommended Books for Faculty and Staff

Recommended Books

Faculty Development and Instructional Design

- *Teaching with AI: A Practice Guide to a New Era of Human Learning* (2nd edition). José Antonio Bowen and C. Edward Watson.
 - Provides practical strategies for integrating AI into assignments, assessment, and classroom activities. Also addresses academic integrity and AI literacy
- *Teaching and Learning in the Age of Generative AI*. Joseph Rene Corbeil and Maria Elena Corbeil
 - Focuses on pedagogy, ethics, and institutional implications. Target audience includes higher-education faculty and instructional designers.
- *Leveraging GenAI for Machine Learning Education in Public Health: ChatGPT and R*. Ricky Leung
 - Particularly useful for biostatistics, data science, and epidemiology instructors, as well as faculty teaching public health analytics and applied AI.
- *Co-Intelligence: Living and Working with AI*. Ethan Mollick
 - Offers practical guidance for faculty workflows, prompting strategies, and course redesign.
- *Teaching with Generative AI: Pedagogical Possibilities and Productive Tensions*. Buyserie & Thurston
 - Explores discipline-specific teaching use cases and ethical issues
- *Generative AI in Higher Education: The ChatGPT Effect*. Cecilia Ka Yuk Chan
 - One of the first comprehensive books examining generative AI in higher education. Covers policy, assessment redesign, and AI literacy.
- *AI for Educators: Learning Strategies, Teacher Efficiencies, and a Vision for an Artificial Intelligence Future*. Matt Miller
 - A practical guide showing educators how to use AI tools to streamline teaching tasks, enhance learning activities, and thoughtfully integrate AI into the classroom.

Strategic and Contextual Perspectives on AI

- *Genesis: Artificial Intelligence, Hope, and the Human Spirit*. Henry A. Kissinger, Eric Schmidt, and Craig Mundie.
 - Explores the societal, strategic, and ethical implications of artificial intelligence and its potential impact on human decision-making, governance, and global institutions.

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