



# David Bachman, PhD

*Mathematician who builds with AI. Speaker and writer on AI in higher education.*

POSITION	Professor of Mathematics
RESEARCH	20+ papers; NSF-supported
AUTHOR	Three books, including <i>Advanced Calculus DeMYSTiFieD</i> (McGraw-Hill)
WRITES	<i>Entropy Bonus</i> on Substack (weekly AI apps + analysis)
UPCOMING	Harvey Mudd workshop leader; Pitzer Board AI briefing (May 2026)
RECENT	IHP Paris AI-assisted coding workshop; AI Coding Competencies panel
TOPICS	AI literacy · curriculum · assessment · institutional strategy

## BOOKING & CONTACT

EMAIL	davbachman@gmail.com
WEB	davidbachmandesign.com/ai-speaking
LEAD TIME	2-4 months typical
FORMATS	Virtual · Campus · Half-day · Corporate
<i>Fees from \$2,500 (virtual) to \$12,000 (half-day). Travel billed separately. Corporate quoted to scope.</i>	

# Technically grounded, *non-hype* guidance on AI - for colleges, universities, and the organizations trying to respond to them.

Keynote talks, faculty workshops, and live lecture-demos giving audiences a concrete model of what current AI systems can actually build, where they reliably fail, and what institutional responses will still make sense next year.

## SIGNATURE TALKS

LECTURE-DEMO · KEYNOTE

### What AI Can Actually Build: Live Demos from a Mathematician's Workshop

A live session built around software, visual tools, and small applications made with AI - not spectacle, but a concrete model of what these systems build, where they need guidance, and where they fail. Leaves audiences with a sharper capability model and a clearer line between prototype and production.

CAMPUS TALK · FACULTY WORKSHOP

### AI Literacy After the Hype Cycle

A practical overview of how contemporary AI systems work, where they reliably break down, and what an institutional AI-literacy program actually needs to include. Designed to move past both panic and boosterism toward a shared baseline.

LEADERSHIP SESSION

### Designing an Institutional AI Strategy That Will Still Make Sense Next Year

A leadership session on responding to AI without building policy around headlines: governance, procurement, training, and the difference between symbolic and operational planning. Leaves teams with a durable framework and clearer next steps.

## BIO

David Bachman is Professor of Mathematics at Pitzer College, where he teaches mathematics, computer science, and data science. He holds a PhD, has published 20+ papers with NSF support, and is the author of three books, including *Advanced Calculus DeMYSTiFieD* (McGraw-Hill). He recently co-organized a trimester program on mathematical illustration at the Institut Henri Poincaré in Paris, where he led a workshop on AI-assisted coding for research mathematicians. He writes about AI and the future of higher education at his Substack, *Entropy Bonus*, and builds a new AI-assisted app each week.

## WHAT ORGANIZERS SAY

*"Exactly the kind of expert you want when navigating the complexities of AI. A rare gift for making the future of AI accessible and actionable - a tremendous speaker and a clear authority in his field."*

**Isaac Sacolick**  
StarCIO · Bestselling Author · Host, Coffee With Digital Trailblazers

*"Thank you for your exceptional presentation. To a moment, it was pitch perfect and precisely the material they wanted to learn. You were the buzz of the week."*

**Jill Klein**  
Jill Klein Advisors LLC