

What this group has built

AI in our classrooms: four ways consortium members use it in their teaching, and a live build.

Sébastien Martin

Associate Professor of Operations · Northwestern Kellogg

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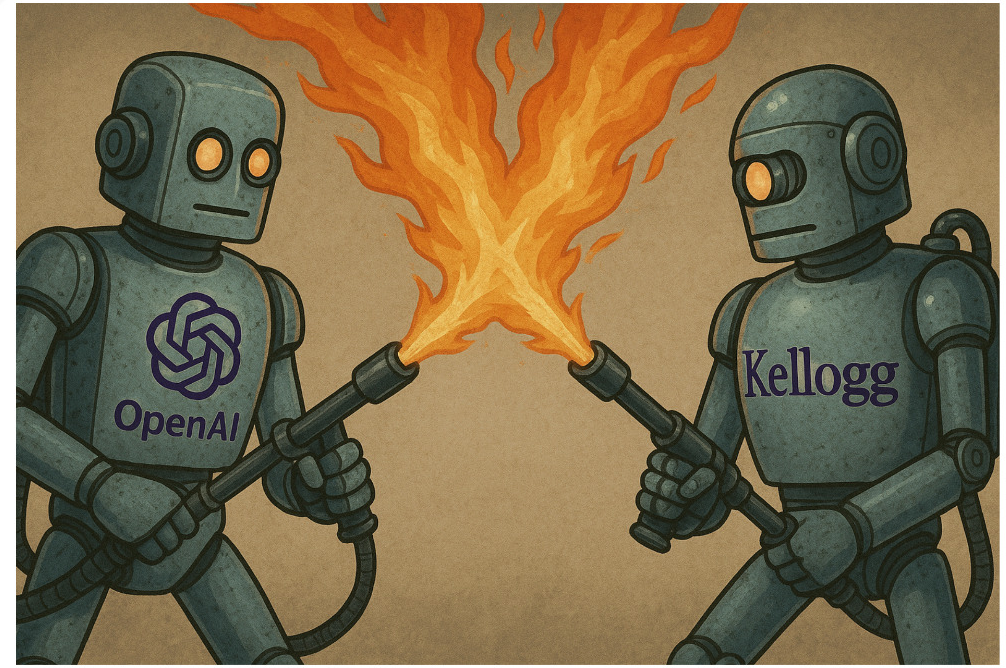
WHAT THIS GROUP HAS BUILT

Navigating a technology disruption



Damage control

The new technology hurts our old way of doing things, and we try to work around it.



Build something new

Or we use that same technology to do things we could never do before.

Four ways AI is entering our classrooms

1

A tutor in every course

An assistant that knows your material, there at any hour.



2

Characters students talk to

Interviews, cases, and simulations played by AI personas.



3

Students supervising AI

Students direct the AI, and must check its work.



4

Instructors who build

AI builds the app, the case, the exercise. You design it.



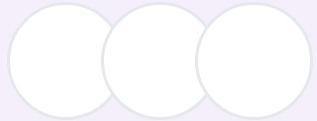
Every example today comes from **someone in this group.**

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A TUTOR IN EVERY COURSE

An AI tutor, and nothing else changed



Minje Park

HKU

WHAT HE DID

He gave his students an AI tutor that knows his course, named it **Panda**, and showed them how to use it.

ONE THING HE LEARNED

Students used it much more once he showed them, in class, what to ask.

A TUTOR IN EVERY COURSE

AI tutors in a core course of 1,300 students



Mi Kyong Newsom &
Jane Jiang

OHIO STATE

WHAT THEY DID

They gave every student two AI tutors for exam preparation, and a third one for the novel **The Goal**.

ONE THING THEY LEARNED

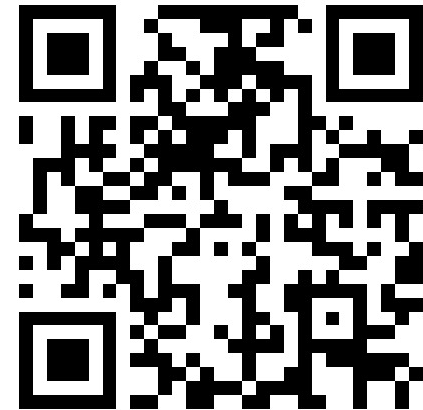
When the AI only asked questions, students pasted them into another AI. Rebuilt as a case study, it worked.

An AI tutor you can try: Kai

▶ QUICK DEMO

A real homework from my AI course

- The student works through the homework in a conversation with the tutor.
- Pasting in an answer from another AI does not work.
- The instructor sees what students struggled with.



TRY THE REAL HOMEWORK
sebastienmartin.info/p/kaihw.html

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AI cases you can talk to

▶ QUICK DEMO

A case where students interview the characters

- Students ask the characters for the information they need.
- The characters answer like people: they push back, and they do not volunteer the solution.
- No shortcut: to solve the case, you have to ask the right questions.



ARTICLE + LIVE DEMO

[wsj.com/tech/ai/...the-classic-case-study](https://www.wsj.com/tech/ai/...the-classic-case-study)

THE WALL STREET JOURNAL. AI Is Teaching the Next Generation of M.B.A.s the Classic Case Study

Business students at Northwestern aren't using AI to shortcut their way through assignments. It's helping them problem-solve real strategic challenges

By [Lindsay Ellis](#) [Follow](#)
Nov. 1, 2025 12:00 pm ET

CHARACTERS STUDENTS TALK TO

Her own AI case for the operations core



Pnina Feldman

UVA DARDEN

WHAT SHE DID

She wrote an AI case for her course: students interview characters to solve a problem that draws on **the whole course**.

ONE THING SHE LEARNED

She could write it herself, with AI. No developer, no publisher.

Quizzes turned into mock job interviews



Zonghao Yang
STEVENS

WHAT HE DID

Instead of a multiple-choice quiz, an **AI interviewer** asks each student ten questions on the course, then gives personal feedback.

ONE THING HE LEARNED

Students only use a course AI if it offers something ChatGPT does not.

CHARACTERS STUDENTS TALK TO

A consulting exercise with three AI characters



Christian Blanco

OHIO STATE

WHAT HE DID

Students play consultants at an airport. **Three AI characters** each hold part of the data, and students must interview all three.

ONE THING HE LEARNED

Students want to use AI in class the way they will use it at work.

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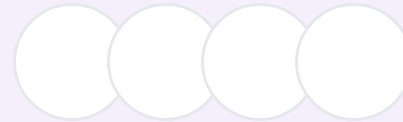
Interviews, cases, and simulations played by AI personas.



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Students manage the AI like an intern



Wenchang Zhang

INDIANA KELLEY

WHAT HE DID

In his data competition, students plan the analysis, give the AI **one step at a time**, and check what comes back.

ONE THING HE LEARNED

Results improved a lot: ten teams beat the course record. But some students felt they learned less.

STUDENTS SUPERVISING AI

Students specify and check, AI writes the code



Rob Bray

NORTHWESTERN KELLOGG

together with Robbie Sanders

WHAT THEY DID

Students split a data analysis into small steps, describe each step **in plain English**, let the AI write the code, then design a test for each step.

ONE THING THEY LEARNED

Students like having a real role: deciding what to do, and proving it is correct.

MBA students build their own AI tools



Ben Collier

CARNEGIE MELLON TEPPER

WHAT HE DID

In a seven-week course, MBA students program **AI agents** that analyze text and images, then build a project of their own.

ONE THING HE LEARNED

The hard part is now grading: how do you evaluate code that AI wrote?

STUDENTS SUPERVISING AI

A data course rebuilt around AI



Jun Li

MICHIGAN ROSS

WHAT SHE DID

She stopped teaching coding in class. AI writes the code, and class time goes to **real business problems**.

ONE THING SHE LEARNED

Students cannot judge code they never learned to write.

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INSTRUCTORS WHO BUILD

A small interactive app for each chapter



Blair Flicker

SOUTH CAROLINA

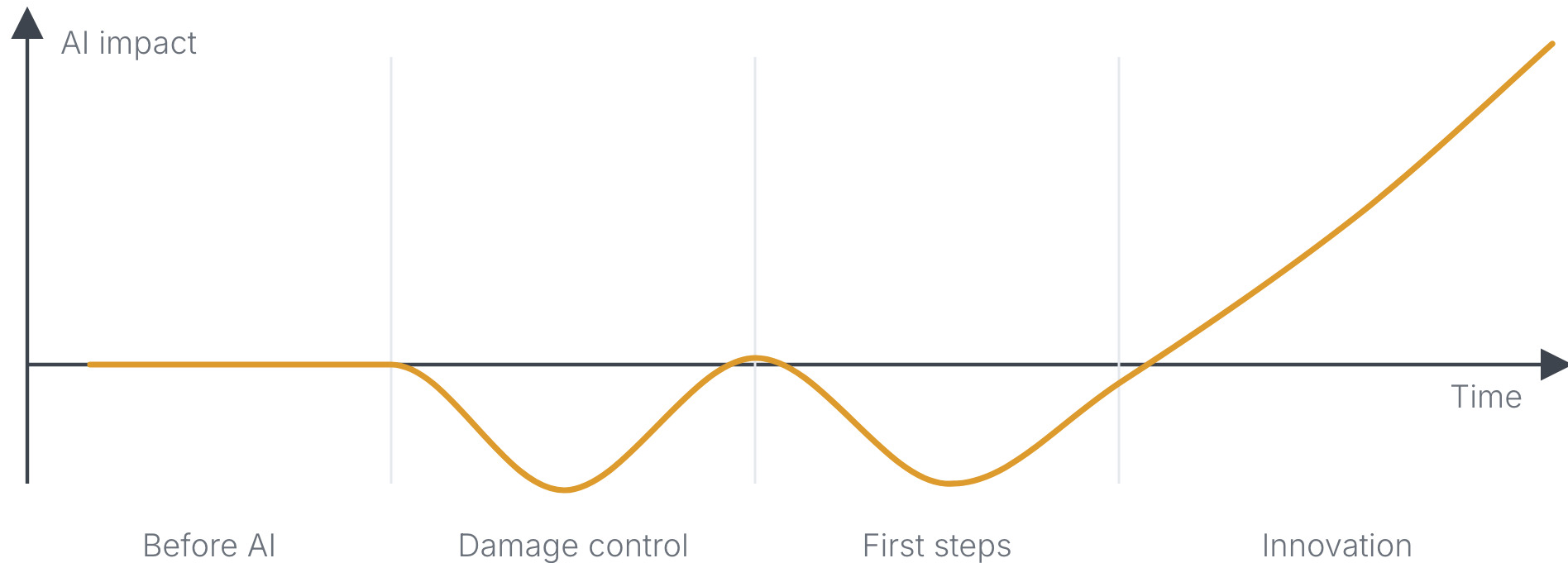
WHAT HE DID

He asks AI to build simple web apps where students play with a concept and see every calculation. Each takes about **20 minutes**.

ONE THING HE LEARNED

He can add AI-built material without changing any assignment or exam.

My experience with AI in education



Four years in, the one thing that predicts success: **how involved the instructor is.**

It has never been easier to build

My main advice: **ask more of the AI** than you think you should.

▶ LIVE DEMO

YOUR TURN

What do you want to try with AI in your teaching?

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Question 1. In the chat: **one idea** you have tried, or would like to try.

YOUR TURN

What should be the future of this group?

WE HAVE

Great processes

Approvals across schools, a shared platform, a data pipeline, a yearly workshop.

WE HAVE

A great community

Instructors at many schools who try new things in their own classrooms.

What should we apply them to?

What is the next paper?

Question 2. Share your ideas in the chat.

Thank you



SEBASTIENMARTIN.INFO



WSJ & LIVE DEMO



AI CLASS SYLLABUS