

<https://bit.ly/3SFkXow>

Digital Learning Unlocked

Affordable Tools and Tech for Next-Gen APP Education

Diana Brewer, PA-C · September 2026 APP Fellowship Conference





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Welcome & Framing

You don't need to be a technology expert, you just need to know what your learners need.

Today we'll practice building small things, then spend time building on this foundation.

Conflict of Interest & Session Format

- COI: Diana Brewer is a co-founder of Sapient Clinician
- This session is vendor-neutral
- 60 min: three short demos you can engage with, then a long build block
- Keep the Workshop Guide open, we will reference it all session.
- Everything stays available after the conference, including every prompt

Scan for the Workshop Guide page

<https://bit.ly/3SFkXow>



Great Cases Already Exist, Free

Where the material for everything we build today comes from · Guide → Section 2

THE SOURCE: MedEdPORTAL

The AAMC's peer-reviewed, free teaching-case library

Today's running example: a peritonsillar abscess case, with six files included in the publication

These include: Narrative, labs, imaging, and the faculty rubric: download from the Running Example, Section 2

WHY START HERE

Peer-reviewed, citable, expert-vetted: this is grounded truth

You never start from a blank page

The same six files power every build today

*De-identify your own material the same way

[Guide → Section 2, Running Example](#)

Demo 1: AI Builds the Static Case (5 min)

Published files in, one shareable HTML file out · Guide → Section 2

HOW TO REPEAT THE BUILD

Upload the six case files, then paste Prompt 1 from Section 2

Out comes index.html: a complete branching scenario

No code, no install: allows you to share one file by a drive link or within an LMS or email

PLAY IT AS THE STUDENT

Click through the finished case as a student

Type your reasoning at every decision

On the debrief screen, download your results file

That download is exactly what the educator receives back

Static: built once, every learner gets the same published case

Demo 2: The Same Case, Dynamic and Grounded (5 min)

Same process, completely different learning · Guide → Section 3

HOW TO REPEAT THE BUILD

New chat, paste Prompt 2 from Section 3: the case file rides inside

The AI then creates a new prompt, paste that into the same chat window

The chatbot becomes the patient: first person, grounded in the case. Click “share” to give to students

Ask for data and you get the published values, avoids hallucinations

PLAY, THEN SHARE IT

Run the encounter, then type “encounter over” to end the encounter

Full debrief: five domains, rated, with supporting evidence

Run/Review it once yourself, then share the chat link with students

View example conversation in Section 3

Dynamic: regenerated each time, and grounded in the source

Table Talk: Static or Dynamic? (2 min)

Two versions of the same case, two different jobs · Guide → Section 3

NOT BETTER OR WORSE, DIFFERENT

Why would you choose the static version?

Why would you choose the dynamic version?

What is the purpose of the tool? Standardization, grading, replay, feedback: which one is best?

It depends on the learning objectives/outcomes.

WHAT EACH DOES BEST

Static: the same path for every learner, easy to standardize and objectively grade

Dynamic: practice the encounter itself, feedback on the reasoning/actions taken

Same case, same files, different teaching moments

[Guide → Section 3, the table conversation](#)

Demo 3: The Neat Things NotebookLM Does (7 min)

From grounding by hand to grounding as the product · Guide → Section 4

WHY IT'S DIFFERENT

Last session involves: the prompt plus the published files, grounding by hand

NotebookLM: upload sources once, grounding is the whole product

Every answer cites the source and section: easy to verify

THE AML NOTEBOOK

Example: Six published sources on a new leukemia drug, already uploaded

The audio overview is in your guide: press play

Take five minutes to explore: poke and prod, ask anything, try one creator

The build block is where you make your own

The Fidelity Spectrum

Match the tool to the goal, not the other way around

THE SPECTRUM

- Text and audio, \$0 to \$20/mo
- Image-based, free to \$25
- Screen-based, free trials
- AR on your phone, free to \$25
- Immersive VR, \$100 to \$600

WHERE REASONING LIVES

Text and audio, data/images often included:
ECG, X-ray, CT, labs.

The animation can detract from realism.

Some text-and-audio tools already do this well.

Workshop Guide → Sections 5 + 6 (VR: your take-home)

Think · Pair · Share: Match the Tool (2 min)

Pick a clinical skill your APP fellows need to learn.

Which point on the spectrum fits, and would the free option do the job?

[Workshop Guide → Section 5](#)

The Build Block: Your turn to create something (24 min)

You pick your sources using the example prompts · Guide → Section 7

PICK YOUR BUILD

Your own static case: Prompt 1, any published case

Your own dynamic case: Prompt 2, same files

Something from a notebook: OK to use the AML sources or try any new topic

Prompts 3-8 include: Journal club, Teaching session, flashcard builder, study guide, procedure pre-brief or reflective journaling

HOW IT RUNS

The Prompt Builder worksheet assembles your prompt as you fill it in

Build with your table or work on your own

Spend a few minutes sharing curriculum people made

Everything you build today goes home with you

[Guide → Section 7, the Prompt Builder](#)

Share-Out (4 min)

A few cool things people made: show us what you built.

What is the tool, how you would use it, and what else do you need to integrate it into your curriculum?

[Workshop Guide → Section 7](#)

Wrap-Up

Start with one tool, one need, one small experiment.

Everything from today is in the Workshop Guide: remember to bookmark it.

The Zero Dollar starter kit is in Section 8.

[Workshop Guide → Section 8 \(all resources\)](#)

Thank You

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