



International Federation of
National Teaching Fellows

“Harnessing ChatGPT for Academic Innovation: An Interactive Exploration (“Beyond the Cheating Freak-out”)”.

The IFNTF seminar was delivered by: Professor James Intriligator (Tufts University, Boston, USA).

When: Thursday 18th May 2023 9pm UK BST

*** PROMPTS USED during the presentation (95% based on text/examples on the slides)

First, summarize 6 main types of vision research. Second, write a short story outlining the history of vision research in the style of Dr Seuss.

I am a 55-year-old man who wants to lose some weight, name 5 healthy snacks.

what if I was vegan?

Write a short essay about the croissant.

Present the history of baking as a haiku

I want a bread recipe that would be like how it was made in Roman times. First, give me a brief introduction to the recipe's history and then give me the actual recipe.

What are 8 types of chocolate?

Summarize the health benefits of chocolate and include citations.

Explain quantum mechanics using chocolate-related concepts.

Give 3 examples of chocolate breads. And for each one briefly discuss its history.

How can I bake chocolate bread on a campfire?

I want to design a behavior change intervention that will reduce cancer rates. Give me four ways I might do that. And, within each of those ways, give me three examples.

There are many kinds of behaviour change interventions. Group all them into 6 clusters. Name each cluster, summarize it, and give a few examples within each.

I want to design a behavior change intervention that will reduce cancer rates. Give me four ways I might do that. And, within each of those ways, give me three examples.

Give me a two-week exercise plan to build lean muscle.

Pretend you are a medical doctor, a nutritionist, and an expert on exercise and personal training. I am a 23-year-old non-binary individual. Give me a two-week eating and exercise plan to build lean muscle. And, I hate push-ups and tofu.

***** PASTED IN CHAT for interactive portion!!!!

CLASS: I am a professor at UNI in the department of DEP. I do work in AREAS. I am passionate about PASSIONS. I am developing a new course for STUDENTS. This course will cover TOPICS. Provide a brief paragraph summary of this course followed by a class-by-class breakdown of topics I should cover.

RESEARCH PROJECT: I am a professor at UNI in the department of DEP. I do work in AREAS. I am passionate about PASSIONS. I am developing a new new line of research investigating the broad area of AREA1 and AREA2. Provide 6 novel research projects at the intersection of those areas. For each, highlight its potential importance ore relevance.

COLLABORATION: I am a professor at UNI in the department of DEP. I do work in AREAS. I am passionate about PASSIONS. I am interested in developing a new collaboration with researchers from other departments around my university. Provide 6 likely depts with whom I can collaborate. For each, highlight potential research topics.

PRODUCT: What do you know about COMPANY? Provide a summary of their main products, services, and ethos/brand. Also, provide 6 clusters of types-of-customers that company has (name and describe each cluster). Then summarize the company's main competitors and summarize each competitor's relative (dis)advantage.

MARKETING/OUTREACH: Give me 5 ways that I could get more PEOPLEtype to get more involved with AREAorCAUSE.

**** Now prompts for walking through the CLASS example...

I am a professor at UNI in the department of DEP. I do work in AREAS. I am passionate about PASSIONS. I am developing a new course for STUDENTS. This course will cover TOPICS. Provide a brief paragraph summary of this course followed by a class-by-class breakdown of topics I should cover.

Can you please describe three possible homework assignments for this class?

Can you please describe a possible semester-long applied research project for the course?

If I were to assign that project to the class, can you create an example of an A-quality paper?

What are some of the main tools and methods I should teach in that class?

You described SOME METHOD OR TECHNIQUE as a topic I should cover in this class. Can you please give me a detailed breakdown of what I would cover in my lecture on that topic?

Can you please suggest some classroom demos I could create for that particular class/day?

If I wanted to invite guest speakers to come to this class, can you please describe appropriate guest speakers, the topics they would cover, and even suggest specific individuals I could invite from the greater Boston area?

Can you please write an invitation that I can send to that first proposed guest speaker?

Can you write an eye-catching and interest-generating course description for this new class?

How could I convince my dean to let me offer this class? What are some of the benefits of offering this class? And, what kinds of future opportunities might this class create?

If I presented that discussion to the dean, what might their concerns be? How might they critique this proposal? And, how can I counter each critique?

If I wanted to make this class available to people working in industry, where might I want to advertise this class?

For your previous response, can you please add more details and specific target opportunities?

Pick the one of those target opportunities that is most likely to gain interest (and students!): explain WHY that particular one is sensible and write a brief marketing blurb that would pitch the class to that specific group.

Are there specific relevant technologies that I would want to present in this class? And, what companies might I want to contact to see if they would donate stuff to the class?

How could I convince a company that makes one of those relevant technologies to donate equipment for my class? What arguments can I use to convince them? And, can you write a draft letter to one such company?

How might I infuse DEIJ issues into this class? Offer both general and specific advice.

Please suggest some specific readings that I could include in the class which would bring DEIJ issues more centrally into the discussions.

**** RESEARCH PROJECT

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I am a professor at UNI in the department of DEP. I do work in AREAS. I am passionate about PASSIONS. I am interested in developing a new collaboration with researchers from other departments around my university. Provide 6 likely depts with whom I can collaborate. For each, highlight potential research topics.

Say more about item WHICH and offer 5 specific examples of research collaboration possibilities — include more details of each possible project and suggest potential specific collaborators.

*** PRODUCT

What do you know about COMPANY? Provide a summary of their main products, services, and ethos/brand. Also, provide 6 clusters of types-of-customers that company has (name and describe each cluster). Then summarize the company's main competitors and summarize each competitor's relative (dis)advantage.

Propose 5 new products or services that they could offer which would have a high likelihood of success. For each one offer a name, a summary, an explanation for why it might be successful, possible risks, next-steps in development, and a rough marketing plan/vision.

If we were to develop IDEANum, propose 3 novel ways to market it via an in-person event. For each one, describe the event in detail, suggest a specific location in Boston where the event might happen, and propose an optimal day-of-week and time-of-day for that event to take place.

*** MARKETING OUTREACH CAMPAIGN

Give me 5 ways that I could get more PEOPLE type to get more involved with AREA.

I have accelerometer data from a device stuck to a big CNC machine. How might I analyze this?

I want to generate an animation of moving waves on an ocean – can you help me do that?