

Part 1: Settling In/Survey Designs & Advocacy

The goal of these slides is to introduce participants to the outlines and focuses of the summer internship.

This document is designed to walk you through the content and to collect notes that might be helpful as you go. It can be completed individually or in small groups.

Slideshow Contents

- Introducing Ourselves
- Unpacking the Summer Internship
- Odds and Ends
- Artificial Intelligence: Getting Up To Speed
- Your Research Projects
- [Halfway Point]
- Your Research Groups
- Survey Design Presentation & Workshop (Developed by Dr. Dan O'Brien, Northeastern University)

Introducing Ourselves:

- Names (and pronouns if you'd like)
 - Nickname?

- Where you're from (neighborhood/school/etc.)

- Favorite subject

- Something about the internship that you're looking forward to?

- Favorite hobby/activity outside of school

- Something you are looking forward to this summer (besides the internship)?

Unpacking the Summer Internship: What You'll Do

- Work!
 - An internship is just another name for a job
 - That means showing up when expected to do the work that is asked of you.
 - This will have less of a “classroom” vibe
 - Don’t feel like you have to stay in the conference room to work
 - Plenty of open space areas

- Research!
 - Your objective: Work on a six week-long research project
 - You will be partnered with another intern and a TGH Research Fellow
 - Partnership based on the AI/tech equity policy rankings you filled out
 - More on this later

- Advocate!
 - Remember: this internship (and the research projects) are all part of the larger project.
 - The goals are
 - Learn what people think about AI
 - Figure out what they want (or don’t want) in a policy
 - Your work and research are the foundation!

Unpacking the Summer Internship: Folks We'll Meet Along The Way...

This is built around our internship, but feel free to use it as your example!

TGH's Community Research Fellows

- Adult professionals who are studying AI and tech with TGH
- Doing it for the same reasons as you
- They come from a variety of backgrounds
- You will meet them on here (Northeastern) on Wednesday evening
 - More details later

TGH Employees

- You'll be with them on Tuesdays
- They will help you with your research
- They will also do presentations and activities with you
- You'll be meeting them tomorrow

And more!

- Professors who do research that related to yours
 - Public policy
 - Community engagement
- Folks who work in tech policy and regulation
- Students working in data collection, analysis, and presentation

Unpacking the Summer Internship: Quick Question

- We have a lot of experience in the this stuff...

- We've both worked solo together and together...

- **So why do YOU think it matters that we (and all of you) work together on this project?**

- Because we look at tech from different angles!

- It's important to learn about tech and AI from their perspective

- That's part of what you'll be doing

Odds and Ends: Absences

- Unplanned Absences:
 - Staying safe is a responsibility that we all must take seriously.
 - If you don't feel well, it's okay to stay home—just communicate as early as you can!

- Planned Absences:
 - We get it... it's summer! You might have plans to travel with friends or family, and that's fine.
 - However, it is YOUR responsibility to...
 - Let us and those you work with that you will be absent!
 - Make sure that you all have a plan so that the work gets done!
 - We will NOT let others know for you!

Artificial Intelligence: Getting Up To Speed

This is an activity to lead participants in that allows everyone to get a baseline understand of AI

- Everyone Has a Different Baseline!
 - Some of you participated in our after school workshop
 - Some of you may have a different level of interest
 - That's fine

- AI May Also Mean Different Things to Different People
 - It may be cool to some, strange to others.
 - Some may be “meh”
 - Also legit!

Artificial Intelligence: Getting Up To Speed

This is an activity to lead participants in that allows everyone to get a baseline understand of AI

- But it's important to figure out where we all are
- Which is why we're going to play a game...
- Four Categories: either you or I can ask.
 - What AI is (and isn't)
 - The different sorts of AI (types and uses)
 - AI ethics
 - Personal impact of AI (hypothetical situations)

- Wild Card Category: Only I can ask
 - Mua-ha-ha!

- If you're right, you can pass it off. If not, someone can "steal."

- Remember: these are "agnostic" questions

- You can ask questions you don't know the answer to!

- First question: What is the first thing you think of when you think or "artificial intelligence?"

Your Research Project

- The Lineups
 - This will be a group project involving you, a fellow intern, and one of the TGH Research Fellows {Or Equivalent}
 - You will be responsible for checking in with each other

- The Focus
 - Your team investigate a piece of existing AI and/or tech equity policy/topic and determine:
 - How it could potentially impact your city if it were applied here.
 - Whether it should be applied or not.
 - If the proposal as it currently exists addresses everything that it should. If not, then what should change?
 - Are there any ethical issues that we should be aware of?

- The Goals
 - A survey based around your research topic.
 - Preparation of survey data in Excel/Google Sheets
 - A report summarizing your findings.
 - THERE IS NO SET REPORT LENGTH.
 - Powerpoint presentation summarizing report and data findings.

- Your Tools
 - [Library cards, shared Google drives, etc.]
 - Staff! We're here to answer any questions you may have
 - Each other!

Your Research Project

- The Lineups
 - This will be a group project involving you, a fellow intern, and one of the TGH Research Fellows *{Or Equivalent}*
 - You will be responsible for checking in with each other

- Next Steps
 - Sit next to your partner
 - Go over your sheets (I have them) and start strategizing. Examples:
 - What could be the key issue?
 - How could AI play a role or expand its role
 - Talk about schedules
 - Some of you have planned absences
 - Make a plan to stay in touch if anything happens.

Survey Design Presentation & Workshop (Developed by Dr. Dan O'Brien, Northeastern University)

- Surveying Communities
 - What opinions and experiences do you want to learn about?
 - Pick one of those topics and write a question about it.

- Writing Good Items
 - Clear and concise items.
 - No double-barreled questions (i.e., items that ask two things).
 - “I like using AI, and I think members of my community can benefit from it” has two components.
 - No leading questions.
 - “Do you want tech companies to stop committing algorithmic bias?”
 - Careful with negatives and double negatives
 - “Is it impossible that the Holocaust never happened?” generated a 20% positive response rate.

**Survey Design Presentation & Workshop (Developed by Dr. Dan O’Brien,
Northeastern University)**

- Types of items
 - Rating scales
 - e.g., “Rate the extent to which you agree with each of the following potential concerns regarding AI.”
 - Strongly Agree <-> Strongly Disagree
- Ranking activities
 - e.g., “Put the following potential concerns regarding AI in order from most to least important.”
- Open response
 - e.g., “Describe your three biggest concerns regarding AI.”

- Refine your question.

- Building a Good Scale
 - We want to know about a complex concept.
 - This concept takes many observable forms.
 - Takeaway: More items + Items close to the shared “truth” = More robust understanding of the topic

**Survey Design Presentation & Workshop (Developed by Dr. Dan O'Brien,
Northeastern University)**

- Building a Good Scale: Social Cohesion
 - People in my neighborhood can be trusted.
 - People in my neighborhood are willing to help their neighbors.
 - People in my neighborhood know and like each other.
 - People in my neighborhood get along with each other.
 - People in my neighborhood share the same values about what is right and wrong.

- Let's write a few more questions.

- Developing a Survey
 - Survey
 - Survey on AI
 - Scales/ Instruments for Survey (A component of a survey capturing a specific topic.)
 - Comfort Using AI
 - Other examples:
 - Demographic profile
 - Political beliefs
 - Personality characteristic
 - Attitudes toward AI

 - Items/questions:
 - (Comfort using AI) Designing prompts
 - (Comfort using AI) Learning new tools
 - (Attitudes toward AI) Data privacy
 - (Comfort toward AI) Bias/Equity

 - How are we going to continue to draft the survey?

END OF CONTENT