

Workshop on Developing Research Programs (Vision) Nov 23 11am – 3pm

The format of this workshop will consist of two parts. In the first part will feature a discussion panel and Q&A period with experienced academic researchers and an industrial expert. Panelists will describe their experiences in developing a research program (or business vision). In the second part, participants will reflect on their past and current research, and generate their own vision and research. Participants will be guided through the process of crafting a first draft of their research program. Upon completing this workshop, participants should feel comfortable with their research vision. Participants will bring their CVs and leave with a physical draft of their research programs.

What to bring:

- Your CV
- A good idea and understanding of your past and present research projects

Learning outcomes:

- Compare and contrast a research project to a research program.
- Describe the overall theme of your research, to a non-technical audience.
- Describe what excites you about your research, to a non-technical audience.
- Describe how the projects/papers you are/have worked on fit into a bigger research picture/question.
- Identify related research projects that could be initiated now, given sufficient resources.
- Identify related open problems that are important to solve, but cannot be started now due to lack of supporting knowledge.
- Combine the state of the art (including your own current work), short term future research projects, and open problems into a cohesive whole that can be a guide to future work.

Final product:

- Rough draft of your vision and research program.
- Completion of one of your Future Professor Series Workshops from TSC

Agenda:

11:00 am – 12:30 pm Discussion with expert panelists: composition of their vision and research programs.

Dr. Souzan Armstrong (WORLDiscoveries)
Dr. Lauren Flynn (Chem. And Biochem. Eng., Anat. and Cell Bio)
Dr. Carol Hunsberger (Geography)
Dr. Amanda Moehring (Biology)
Dr. Andrew Watson (Physiology and Pharmacology)

12:30 pm – 1:15 pm Lunch break (provided)

1:15 pm – 3:00 pm Workshop on composition of research program and vision.
Facilitated by Dr. Andrew Watson