Why do we do research?

• To solve problems
• To answer questions
• To increase understanding
• To better the world
But if a tree falls in a forest, and no one is around to hear it...

...Does it still make a sound?
Research Cycle

Different models all include the same thing: research + communication
Ways of communicating

Visual Literacy... Communicating Data

Publishing...
- Scholarly lit
- Popular lit

Presenting...
- Conferences
- Professional Meetings
The Five W's

...of presenting research

- Who
- What
- Where
- When
- Why
The Five W's

...of presenting research

- Who
- What
- Where
- When
- Why
Why?

- To complete the research cycle
- To join the scholarly conversation
- To practice skills
- To add to resume/CV
- **To increase understanding**
- To better the world
The Five W’s
...of presenting research

- Who
- What
- Where
- When
- Why
What?

• Oral presentations
• Poster presentations
• Workshops
• Round Table / Panel Discussions
Oral Presentation

- Lecture-style format
- Anywhere from 10 min. to 30 min. in duration with time for Q/A at end
- Formal, prepared speech (sometimes with visual aid, e.g. Prezi, PowerPoint)
- Often more competitive than poster presentations
Round Table / Panel

• Similar to oral presentations
• Group of presenters discussing similar topics in same session
• Each presenter (typically) gives own presentation on specific individual topic
• Same rules as oral presentation
Poster Presentation

- More conversational (though still professional)
- Poster acts as main visual aid with presenter available to expand on content
- Provides opportunity to engage more directly with audience about topic
Workshop

• Not a typical presentation format
• Useful for skills-based presentations or “best practices” presentations
• Focuses on active audience participation sometimes more so than presentation content
Does the **why** change the **what**?
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The Five W's

...of presenting research

- Who
- What
- Where
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- Why
Who presents research?

Who is the audience?
Does the **who** change the **what**?

How could different **audiences** change the way we approach presenting research?

Who are different **presenters**? How might presenters approach presenting research differently?
The Five W’s... of presenting research

• Who
• What
• Where
• When
• Why
When?

• In the research cycle
• In your own career
Does the *when* change the *what*?
Or perhaps the *why*?
The Five W’s... of presenting research

- Who
- What
- Where
- When
- Why
Where?

- On campus
- Undergraduate Research Conferences
- Professional conferences + meetings
On Campus Presentations

- Brown Bag Luncheons
- STAR Scholars Summer Showcase
- Drexel Discovery Day (DUCOM)
- Drexel Research Day
## Undergraduate Research Conferences

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<tr>
<td>National Collegiate Research Conference (NCRC)</td>
<td>Cambridge, MA</td>
<td>January 2016</td>
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<tr>
<td>National Conference on Undergraduate Research (NCUR)</td>
<td>Asheville, NC</td>
<td>April 2016</td>
</tr>
<tr>
<td>Colonial Academic Alliance (CAA) Undergraduate Research Conference</td>
<td>Williamsburg, VA</td>
<td>April 2016</td>
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<tr>
<td>Council on Undergraduate Research (CUR) Posters on the Hill</td>
<td>Washington, DC</td>
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Professional Conferences

- American Institute of Chemical Engineers
  Atlanta, GA

- PMI Research & Ed. Conference
  Portland, OR

- 4th Joint Meeting of the APS Division of Nuclear Physics & the Physical Society of Japan
  Waikalou, HI

- 36th Annual Int’l Conf. of the IEEE Engineering in Medicine & Biology Society
  Chicago, IL

- American Biophysical Society Conference
  Baltimore, MD

- NE Section Meeting of the Geological Society of America
  Bretton Woods, NH

- Northeast Decision Sciences Institute
  Cambridge, MA

- 11th Annual CubeSat Developers’ Workshop
  San Luis Obispo, CA

- Biomedical Engineering Society Annual Meeting
  Seattle, WA

- Vermont Journal of Environmental Law Symposium
  South Royalton, VT

- American Psychology-Law Society Annual Meeting
  New Orleans, LA

- 223rd Meeting of the American Astronomical Society
  Washington, DC

- Biomedical Engineering Society Annual Meeting
  Seattle, WA

- Vermont Journal of Environmental Law Symposium
  South Royalton, VT
The Five W's

• Who
• What
• Where
• When
• Why

...How?
Other Events...

Abstract Writing Workshop
with staff from the Drexel Writing Center
Thursday July 30 @ 2:00pm
@ 5:00pm

Poster Design Workshop
Thursday August 6 @ 11:00am
@ 5:00pm

Location
Library Learning Terrace