Perfecting your Proposal – Turning an Idea into an Abstract

Rich Dionne & Dr. Mary Pilotte
October 2, 2020
Perfecting Your Proposal

Today's Agenda: Backwards design to guide our way forward

The END

Symposium on Education in Entertainment and Engineering

The INFO

What You Will Need

The issue of interdisciplinary “translation”

What ideas are you thinking about?

The TOOLS

Submission Timeline

Understanding “Methods”

Prior Work as Exemplars

The Submission Process
Perfecting Your Proposal

Using the Principle of “Backwards Design”
Perfecting Your Proposal

What END are We Heading for?

Symposium on Education in Entertainment and Engineering

July 15-16, 2021
Purdue University

Multiple Opportunities to Participate

Practitioners, Educators, & Graduate Students
ALL Welcome!

Papers

Panels

Posters

This Photo by Unknown Author is licensed under CC BY

FIRST FRIDAYS @ FUSION STUDIO
Perfecting Your Proposal

What INFO is Needed?

- Author/moderator names
- Mode of presentation
  - Paper/Panel/Poster
- Abstract of your submission
- Bios/Photos

These items are published in the Symposium event booklet and papers archived at Purdue e-Pubs.
Choosing your mode of presentation

Papers
• Work in progress/
  Preliminary data or methods
to share
• Fully formed research work
  *Ok for reprint in other outlets*

Panels
• Trends in
  Industry/Practice/Academia
• Broad Problem Solving &
  Discussion with
  Stakeholders
  *Think “Themes” &
   Community Discussions*

Posters
• “Best Practices”
• Work in progress/
  Preliminary data or
  methods to share
  Collect Feedback on Ideas
  *Lighter writing demand*
Required for all Papers, Panels & Poster Submissions

Example of an Abstract


The principle of investigating organizational crisis usually involves blame, however, researchers have found that often crisis is precipitated by people trying to make sense of their environment. This research study summarizes a case in which an organizational crisis, a community’s response to tainted water, was examined using sensemaking theory. Using the report of a public account of the Walkerton water crisis of 2000, the researchers apply sensemaking theory to examine and explain how organizational culture and power played a role in this case. The researchers found that in studying organizational crisis using Weick’s sensemaking approach, more needed to be known about organization, culture, and power as they apply to and play a role in sensemaking in non-routine situations.
# The Abstract: Engineering Format

<table>
<thead>
<tr>
<th>Abstract Component</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Problem</strong></td>
<td>What is the underlying concern?</td>
</tr>
<tr>
<td><strong>Thesis</strong></td>
<td>A summary of the main point or claim of the research/paper, etc., i.e. What is uncovered by the claim of this paper? It contains the topic and the controlling idea/ theory/ framework that you are testing/ confirming/ building upon.</td>
</tr>
<tr>
<td><strong>Methods</strong></td>
<td>This is the “scientific method” that was utilized (study design) to conduct your research.</td>
</tr>
<tr>
<td><strong>Participants</strong></td>
<td>Who was studied, from where, and how many.</td>
</tr>
<tr>
<td><strong>Findings</strong></td>
<td>Key “ah has” that either confirm prior research or break new ground.</td>
</tr>
<tr>
<td><strong>Conclusion</strong></td>
<td>Importance of and what should be done with the new info.</td>
</tr>
</tbody>
</table>
# The Abstract: Design Case Format

<table>
<thead>
<tr>
<th>Abstract Component</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design Opportunity</td>
<td>What is the specific opportunity the design was intended to meet?</td>
</tr>
<tr>
<td>Context</td>
<td>A description of the situation within which the design was created and deployed, e.g. a particular production environment or a specific educational environment</td>
</tr>
<tr>
<td>Design Description</td>
<td>A description of the final design as deployed.</td>
</tr>
<tr>
<td>Assessment Methods</td>
<td>An explanation of the instruments used to assess the quality or effectiveness of the design.</td>
</tr>
<tr>
<td>Assessment Findings</td>
<td>A discussion of the results of the assessment.</td>
</tr>
<tr>
<td>Conclusion</td>
<td>Importance of and what should be done with the new info.</td>
</tr>
</tbody>
</table>

Note: a design case presentation/paper/poster should include a robust narrative of the process of creating the design, connecting challenges/tensions/opportunities in the process to features of the design.
What ideas do you want to uncover?

- Industry-Based
- Practice-Based
- Education-Based
Perfecting Your Proposal

Helpful Tools: What You Need

1. Scholarly Submission (Peer Reviewed)
2. Clear timeline for your submission
3. Submission requirements
   - Author/Moderator Names and Affiliations
   - Abstract
   - Bios/Photos
Method Section – Can be the most difficult section to prepare.
• provides the methods and procedures used in a research study or educational experiment/
  “best practice”.
• Builds upon some form of framework discussed in background section.
• The theoretical framework introduces and describes the theory that explains why the
  research problem under study exists and is important and not well researched.
• These can be found by examining prior research through a literature review, that explains what has been done prior in the field of practice.

Frequently used methods:
Case Studies – Examines a particular instance of a unique approach used/materials used...
Experimental Design – Used to demonstrate causality or value of some intervention...
Perfecting Your Proposal

Helpful Tools: Prior Works as Exemplars

2019 Examples of Selected Works: https://docs.lib.purdue.edu/seee/2019/

Abstract Template: https://centers.purdue.edu/fusion-studio/resources/

Valuable IMPACT Metrics:
138 Downloads, 74 Views, 3 Tweets!
Perfecting Your Proposal

Helpful Tools: Timeline for Proposal Submission Process


Simply create a new account, then log in with your credentials

Follow: LINKS FOR AUTHORS, then “Submit Event”
Perfecting Your Proposal

Helpful Tools: Proposal Submission Process

Enter Paper Title, Presenter Information, Disciplines representing your work, and abstract.

Don’t forget to click SUBMIT!
Perfecting Your Proposal

Helpful Tools: Submission/Notification Calendar

December 14, 2020  Final Date for Abstract Submission

January 18, 2021  Notice of Abstract Status (Accept/Reject)

March 30, 2021  Deposit of a “fulsome” Draft 1
This will take your abstract to a nearly completed work or “well beyond draft” for work in progress submissions. There is no preconceived page requirement or minimum. Ideally, no work will be larger than 10pg (See template for formatting guidance; note non-copyrighted images are welcome.)

May 3, 2021  Final Feedback/Guidance on Draft 1 returned to Authors

June 28, 2021  Deposit of final revised works, in Symposium template
(Final print ready)
Thank you for joining us!

Any questions or comments?

Rich Dionne
rdionne@purdue.edu

Dr. Mary Pilotte
mpilotte@purdue.edu