

Presenting Clearly

Part 2

CSCI 8901:
Research & Evaluation Methods

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Skills Reminder

Phase 1: Eye Contact

- Connect with your audience
- Don't look at the ceiling or the floor
- Engage them!

Phase 2: Volume and Bad Words

- Speak loudly! Try to avoid “bad” words
- Figure out what your bad word is and pay attention to it... get annoyed by it!

Your Research Pitch

Introduce yourself to us and explain your work/area

~1 minute intro to a CS researcher outside of your community

How did you do?

- What went well?
- What was a struggle?

Presentation Examples

Suzie Sheehy on Curiosity in Research (10 min)

- https://www.ted.com/talks/suzie_sheehy_the_case_for_curiosity_driven_research

Speaking Workshop 3

Phase 3: Gestures and Posture

- Use your hands, but keep them “in the box”
- Stand firmly, face forward, no wandering

Be prepared to speak for 60 seconds

Topics:

- Travel experience, Favorite Food, A person you admire, Favorite book/movie, Hometown, Family / craziest relative, Summer, Winter
- Feel free to lie to us or make it all up...

Presentation Examples

James Mickens on SW Vulnerabilities (first 6 min)

- <https://www.youtube.com/watch?v=tF24WHumvlc>

James Mickens on ML/Security (first ~10 min)

- <https://www.youtube.com/watch?v=ajGX7odA87k>

Speaking Workshop 4

Phase 4: Enthusiasm

- Modulate your voice and be as excited as possible
- Smile and be happy enough that we can hear it!

Be prepared to speak for 60 seconds

Topics:

- Explain how to do some basic **boring** thing... but get us excited about it!
-

Talk Structure

Nancy Duarte on the structure of presentations (18min)

- [https://www.ted.com/talks/nancy_duarte_the_secret_structure_of_great_talks?referrer=playlist-how to make a great presentation#t-1078519](https://www.ted.com/talks/nancy_duarte_the_secret_structure_of_great_talks?referrer=playlist-how%20to%20make%20a%20great%20presentation#t-1078519)

Talk Nerdy to Me - Melissa Marshall (4min)

- https://www.ted.com/talks/melissa_marshall_talk_nerdy_to_me

Dance vs Powerpoint, a Modest Proposal (11min)

- https://www.ted.com/talks/john_bohannon_dance_vs_powerpoint_a_modest_proposal

Talk Structure

My formula for an introduction:

- The world is a terrible terrible place...
- ...but imagine how wonderful the world could be...
- ...this thing I did takes us closer to a perfect happy world!

Duarte's structure is similar

- Use emotional ups and downs to draw in your audience
- End with a “call to action”

What is a call to action in CS research?

- An insight into how your work can affect the individuals in your audience, how they might benefit/use your work

Recipe for Presenting

Motivate your problem with an introduction

- Analogies and stories are great!

Limit yourself to three key points

- Use repetition and consistency to reinforce key ideas

Have ups and downs

- Use pacing and delivery to draw the audience's attention

Bonus tip: have a conclusion/summary to wrap things up!

The 7 Things

Eye Contact

Volume

Bad Words

Gestures

Posture

Voice Modulation

Smiles/Happiness

The 7 3 Things

Speak clearly

- Volume, Bad Words

Position your body

- Gestures, Posture

Engage the audience

- Voice Modulation, Smiles, Eye Contact

Your Research Pitch

Introduce yourself to us and explain your interest

Think about:

- What are the 3 key points you want us to remember?
 - Are they about your research content? Or about YOU?
- How can you make an impact to stand out?

Speak clearly

Volume, Bad Words

Position your body

Gestures, Posture

Engage the audience

Voice Modulation, Smiles, Eye Contact