

CS377Q: Today's goals

- Guest lecture: Neurodiversity
- Guest lecture: Scaling up accessibility to an organization
- Advanced assistive technologies
- Reflect on assignments
- Assign A4: reflect on disability simulation from a different perspective





Neurodiversity
Awareness and
Education

Neurodiversity at
Work

Neurodiversity
Wellness

Neurodiversity
Research

Neurodiversity
Alliances



What is Neurodiversity?

Neurodiversity is a concept that regards individuals with differences in brain function and behavioral traits as part of normal variation in the human population.

The movement of Neurodiversity is about uncovering the strengths of neurodiverse individuals and utilizing their talents to increase innovation and productivity of the society as a whole.

Break

Stanford | Online Accessibility Program



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About SOAP

The **Stanford Online Accessibility Program** provides resources for Stanford web designers, developers and content creators so that they can produce materials which are accessible to the broadest audience possible. The program achieves this through the promotion of *universal design* and *web standards* compliance.

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Welcome to Stanford's Online
Accessibility Program (SOAP)

Guest lecture: Scaling up accessibility

- Jiatyan Chen
- SOAP, Stanford University

Accessibility resources for programming

- Web Content Accessibility Guidelines
<https://www.w3.org/TR/WCAG20/>
- Microsoft Accessibility Insights for Windows and Web
https://www.1eswiki.com/wiki/Accessibility_Insights
- Teach Access tutorial on web development
<http://teachaccess.org/initiatives/tutorial/>

Reflecting on assignments

- A1 grading
 - ✓ fulfills assignment requirements (4/5)
 - ✓+ exceeds assignment requirements (5/5)
 - ✓- falls short of assignment requirements (3/5)

A2: Gotcha

The screenshot shows a Microsoft PowerPoint presentation in the 'Review' tab. The slide is titled 'WHY NEURODIVERSITY?' and contains a list of bullet points. The 'Selection' pane on the right shows the slide's structure, with 'Content Placeholder 4' selected. The status bar at the bottom indicates 'Slide 3 of 11' and 'Accessibility: Investigate'.

Slide Title: WHY NEURODIVERSITY?

- More students in college with learning differences, including autism.
- More W&M students needing support.
- We can offer effective, evidence-based support (ex.: "The Hidden Rules of Seminars.")
- It's the right and good thing to do. (Human rights perspective)
- Our community is enriched by diversity. (Maximizing human capital perspective)

Selection Pane:

- Content Placeholder 3
- Content Placeholder 4**
- Title 1

Status Bar: Slide 3 of 11, Accessibility: Investigate, Notes, Display Settings, 49%

A4: Rethinking disability simulations (3 points)

- Read Crip for a Day: The Unintended Negative Consequences of Disability Simulations
- Reflect on your experience with the disability simulation relative to the concerns raised in the paper
- Remember: I promised to introduce you to diverse opinions so you can discover your personal perspective

Office Hours

- John: by appointment: W, F 3:00-5:00
 - Use Calendly: <https://calendly.com/johntang>
 - Request at least 12 hours in advance
 - <https://tinyurl.com/CS377QOfficeHours> (over Google Hangouts)
 - Encourage scheduling 15-minute appointment by April 19
 - Other times available via email
- Trijeet:
 - Use Calendly: <https://calendly.com/trijeetm>