# Welcome!

Thursdays 6-9:50 PM

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Office Hours: See syllabus for zoom link.

Office Hours: Thursdays 12-1 on **zoom** (https://washington.zoom.us/j/5586325989) or by appointment (https://calendly.com/scoppola-hcde/30min?month=2022-03&back=1). Please message me on slack if you plan to come because I might step away from the computer. Note that because of faculty hiring, some weeks office hours may shift to Tuesdays.

TA: Alainna Brennan Brown, alainnab@uw.edu

Office Hours: by appointment. Message me on Slack to set up time as-needed.

- Slack 
   — (https://join.slack.com/t/hcde515sp22/shared\_invite/zt-159kjx3dwomTwNizBziNLbBCeuaDvtg)
- Who's who slides 

  (https://docs.google.com/presentation/d/1usYn6CF2JoMybp8n8v9RduFJe2HFMUMgZmWXr2q3Ua0/e
  dit#slide=id.gc8e2d2b7d8 0 0)
- Lectures and recorded classes on panopto

This page provides an overview of our schedule for the quarter, with readings and resources for each week's topic(s).

Make sure to start by reading the <u>syllabus</u> (https://canvas.uw.edu/courses/1547697/assignments/syllabus)\_.

Beyond what's listed below, I encourage you to check out first-person accounts of disability, such as the New York Times Disability Column (https://www.nytimes.com/column/disability), Disability in the Time of Covid-19 (https://medium.com/disability-in-the-time-of-covid-19), Words I Wheel By (https://wordsiwheelby.com), Where's Your Dog? (https://wheresyourdog.com/), Leaving

Evidence → (https://leavingevidence.wordpress.com/), Disability Visibility. → (https://disabilityvisibilityproject.com/2022/03/07/disabled-people-are-tired-public-health-and-ableism/), and Autistic Hoya → (https://www.autistichoya.com/). And if you want to watch a video, grab some popcorn and look up Examined Life → (https://www.youtube.com/watch?v=k0HZaPkF6qE), Crip Camp → (https://www.netflix.com/title/81001496), Special → (https://www.imdb.com/title/tt9381622/), Fixed: The Science/Fiction of Human Enhancement → (https://www-newday-com.offcampus.lib.washington.edu/streaming/index.php?film=FIX-01&license=dc66aba50b88fd2def94990cf3c32bad), or Coded Bias.

The due dates listed on this page are approximate; refer to individual assignment pages for specific dates. There may be some fluctuation with readings as we confirm guests, but we will try to give you 2 weeks notice for any required readings.

If one of these links does not work, please search for them through the UW library before asking the instructional team.

## Week 1 (3/31): Introduction, Logistics & Syllabus

- Pullin, G. 2011. Design Meets Disability, <u>Chapter 1: Fashion Meets Discretion</u>
   (<a href="https://canvas.uw.edu/courses/1547697/files/88375403/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375403/download?wrap=1</a>). The MIT Press.
- Watch: <u>Liz Jackson: Original Lifehackers</u> ⇒ (https://www.youtube.com/watch?v=plw6Bw4EFxY)
- Garland-Thomson, R. 2016. <u>Becoming Disabled</u> ⇒ (<a href="https://www-proquest-com.offcampus.lib.washington.edu/docview/1812446776/fulltext/43013AAB022448EAPQ/5?">https://www-proquest-com.offcampus.lib.washington.edu/docview/1812446776/fulltext/43013AAB022448EAPQ/5?</a> accountid=14784). New York Times.

- [Optional] <u>The Universal Design Ideal</u> <u>→ (https://aeon.co/essays/an-environment-designed-to-suit-every-body-is-better-for-all?</u>
   fbclid=lwAR0FKzGA8f0zY4P5FMSGshMucObS4JaOk6MKgTzN1Vtv5dyhgm mo1UUYuQ)

- [Optional] <u>Articulations Towards a Crip HCl</u> ⇒ (https://interactions.acm.org/archive/view/may-june-2021/articulations-toward-a-crip-hci)
- [Optional] Winner (1980) <u>Do Artifacts Have Politics</u>
   (<a href="https://canvas.uw.edu/courses/1547697/files/90228501?wrap=1">https://canvas.uw.edu/courses/1547697/files/90228501?wrap=1</a>)

#### Resources:

- Ladau, E. 2015. Why Person-First Language Doesn't Always Put the Person First 

   (<a href="http://www.thinkinclusive.us/why-person-first-language-doesnt-always-put-the-person-first/">http://www.thinkinclusive.us/why-person-first-language-doesnt-always-put-the-person-first/</a>). Think Inclusive.
- Bridger Introduction to Human Factors and Ergonomics 
   — (https://ebookcentral-proquest-com.offcampus.lib.washington.edu/lib/washington/reader.action?docID=5407656&ppg=116)
- Syracuse University's Disability Cultural Center <u>Language Guide</u> 
   (<a href="http://sudcc.syr.edu/resources/language-guide.html">http://sudcc.syr.edu/resources/language-guide.html</a>)
- <u>APA Style Guide Disability Language</u> ⇒ (https://apastyle.apa.org/style-grammar-guidelines/bias-free-language/disability)
- W3C Accessibility Resources ⇒ (https://www.w3.org/standards/webdesign/accessibility)
- Microsoft Inclusive Design Toolkit
   (https://canvas.uw.edu/courses/1547697/files/88375405/download?wrap=1)
- <u>Liz Jackson Doesn't Want "Design for Disability"—She Wants Disabled People to Be Part of Designing Better Products</u> 
   <u>(https://www.core77.com/posts/89571/Liz-Jackson-Doesnt-Want-Design-for-Disability%E2%80%94She-Wants-Disabled-People-to-Be-Part-of-Designing-Better-Products)</u>
- #CriticalAxis: a community driven project from The Disabled List (<a href="http://www.criticalaxis.org/">http://www.criticalaxis.org/</a>)
- <a href="https://github.com/dataviza11y/">https://github.com/dataviza11y/</a>)
- <u>UW Access Tech Center (https://itconnect.uw.edu/learn/accessible/atc/)</u>

#### Due:

Bio Slideshow

### Resources to review this week for online learning:

- Resources for getting started with Zoom → (https://support.zoom.us/hc/en-us/categories/200101697-Getting-Started)
- General netiquette → (https://noodle-content.wistia.com/medias/oz09bkq3hs): Note that we will
  need to figure out together the extent to which we can have video on, since some connections
  (even my own) may not always support video well.
- Netiquette for online discussions → (https://noodle-content.wistia.com/medias/32ac22m17u)

## Week 2 (4/7): Web Accessibility, Vision

### Watch:

The Changing Reality of Disability (https://www.youtube.com/watch?v=IHK7wjPXHH8&t=3s)

- WebAIM. Introduction to Web Accessibility (https://webaim.org/intro/).
- W3C. <u>Easy Checks A First Review of Web Accessibility.</u> 

   — (https://www.w3.org/WAI/test-evaluate/preliminary/)
  - Note: No need to open all the "pluses" on this read. You will spend more time on this page for the <u>Web Accessibility Basic Evaluation</u> (<a href="https://canvas.uw.edu/courses/1547697/assignments/7138848">https://canvas.uw.edu/courses/1547697/assignments/7138848</a>) assignment.
- Martin, B. and Hanington, M. 2012. <u>Universal Methods of Design. Chapter 61: Participatory</u>
   <u>Design (https://canvas.uw.edu/courses/1547697/files/88375426/download?wrap=1)</u>. Rockport.
  - Note: Also make sure to check out what's on the <u>Participatory Design Resources</u> (<a href="https://canvas.uw.edu/courses/1547697/pages/participatory-design-resources">https://canvas.uw.edu/courses/1547697/pages/participatory-design-resources</a>) page
- Read all four pages of WebAIM's <u>Visual Disabilities</u> 

   — (<a href="https://webaim.org/articles/visual/">https://webaim.org/articles/visual/</a>)
   article.
  - Note: I am not a fan of some of the framing in this article (e.g., phrases such as "bad eyesight"). But, it provides a succinct and highly relevant summary of visual function related to tech design, which I've had trouble finding elsewhere
- Holmes, K <u>Mismatch Chapter 7</u> ⇒ (<u>https://alliance-primo.hosted.exlibrisgroup.com/permalink/f/l9c4fq/CP71288228490001451)</u>
- <u>Pulrang (2022)</u> ⇒ (https://www.forbes.com/sites/andrewpulrang/2022/01/31/6-ways-responses-to-covid-19-have-been-ableist-and-why-it-matters/?sh=5c42f8996129)
- [Optional] Hendren What Can a Body Do? How we Meet the Built World <a href="mailto:chapter1">chapter 1</a> <a href="mailto:chapter1">(https://alliance-primo.hosted.exlibrisgroup.com/permalink/f/l9c4fq/CP71334179520001451)</a>
- [Optional] <u>Inaccessible tech keeps people out of jobs</u> 

  <u>(https://www.forbes.com/sites/gusalexiou/2022/02/22/blind-people-stagnating-at-work-due-to-inaccessible-technology-says-new-study/?</u>

fbclid=lwAR2i86JLK304JhWcFcsNk7tRpolvy3P7oDuwMMunuMcjQZjd-PgoW9vn6fo&sh=78e6ca0a716e)

{Optional] <u>Syvantek & Williams (in press) From telecommuting to tellecommunity</u> 

 (<a href="https://drive.google.com/file/d/1FAZD5qbleA">https://drive.google.com/file/d/1FAZD5qbleA</a> Mf r5GLhjBxpfANgN8tbB/view)

#### Resources:

- Getting Started with Screenreaders (https://canvas.uw.edu/courses/1547697/pages/gettingstarted-with-screenreaders)
- W3C's Web Accessibility Overview ⇒ (https://www.w3.org/WAI/test-evaluate/)
- <u>Participatory Design Resources (https://canvas.uw.edu/courses/1547697/pages/participatory-design-resources)</u>
- <u>UW IT Expert Screen Reader video</u> 

   (<a href="https://www.washington.edu/doit/videos/index.php?">https://www.washington.edu/doit/videos/index.php?</a>
   vid=81)
- Hull, J.M. 1992. <u>Touching the Rock</u> (<u>https://canvas.uw.edu/courses/1547697/files/88375390/download?wrap=1)</u>. Vintage.
  - Focus on the following excerpts: Seeing with a Stick, 'I Always Look After People Like You',
     Acoustic Space, 'You Bastard, You're Not Blind!', Presence.

# Week 3 (4/14): Dexterity/Mobility & Vision Cont.

### Lecture

<u>Valerie Fletcher Institute for Human Centered Design</u> 

(<a href="https://ww.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=85323d01-d40d-473d-9ff8-ae6e0137b7c4">https://ww.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=85323d01-d40d-473d-9ff8-ae6e0137b7c4</a>)

<u>Mobility</u> <del>=> (https://uw.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=c955e5d6-aba8-4e4f-9fe1-ae7f01614eb2)</del>

#### Watch

OrCam video (2 mins):

https://www.youtube.com/watch?time\_continue=1&v=n8Oxbdii3sl (https://www.youtube.com/watch?time\_continue=1&v=n8Oxbdii3sl)



(https://www.youtube.com/watch?time\_continue=1&v=n8Oxbdii3sl)

Microsoft Soundscape video (4 mins):



(https://www.youtube.com/watch?v=GMWG97LKneo)

Brainport video (only if you have time; 3 mins):

Note: has open captions, not closed captions

<u>https://www.youtube.com/watch?v=8Ccjq5LaSyE</u> (<a href="https://www.youtube.com/watch?v=8Ccjq5LaSyE">(https://www.youtube.com/watch?v=8Ccjq5LaSyE</a>)



(https://www.youtube.com/watch?v=8Ccjq5LaSyE)

#### Watch/Listen/Read

Talking with Tech AAC Podcast: Kevin Williams & Lateef McLeod: Black AAC Usmer Perspectives
on Racism and Disability. From time 42:25 [Podcast Website] 
 (<a href="https://talkingwithtech.podbean.com/e/kevin-williams-lateef-mcleod-black-aac-user-perspectives-on-racism-and-disability/">https://talkingwithtech.podbean.com/e/kevin-williams-lateef-mcleod-black-aac-user-perspectives-on-racism-and-disability/</a>)

[YouTube at Timestamp] ⇒ (https://youtu.be/iTSAK4yRf5A)



(https://youtu.be/iTSAK4yRf5A)

(https://courses.cs.washington.edu/courses/cse590w/20au/uwnetid/TranscriptBlackAACUserPerspectivesonRacismandDisability\_Trim.docx)\_

## Readings:

Read all three pages in <u>WebAIM's motor accessibility article.</u> 

 (<a href="https://webaim.org/articles/motor/">https://webaim.org/articles/motor/</a>)

- Note: As with the earlier visual disability article from WebAIM, this article provides a succinct and highly relevant summary related to tech design. But, there are some phrasings/framings that are not totally in line with how we are discussing disability in this class.
- Stangl et. al 2020 <u>Person, Shoe, Tree? Is the person naked?</u> ⇒ (https://alliance-primo.hosted.exlibrisgroup.com/permalink/f/lvbsh/TN cdi acm\_primary\_3376404)
- Carrington, P., Hurst, A., Kane, S.L. 2014. <u>Wearables and chairables: inclusive design of mobile input and output techniques for power wheelchair users</u>
   (<a href="https://canvas.uw.edu/courses/1547697/files/88375429/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375429/download?wrap=1</a>). Proc. ACM CHI 2014, 3103-3112. ACM

# Week 4 (4/21): Disability Studies, Social Acceptability

**Guest: Emma McDonnell** 

### Watch/Listen/Read

<u>Mobility</u> <del>=> (https://uw.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=c955e5d6-aba8-4e4f-9fe1-ae7f01614eb2)</del>

- Mack et al. (2022) <u>Anticipate and Adjust: Cultivating Access in Human-Centered Methods</u> (<a href="https://www.bennettc.com/wp-content/uploads/2022/02/Mack\_Anticipate-and-Adjust-Cultivating-Access-in-Human-Centered-Methods-1.pdf">https://www.bennettc.com/wp-content/uploads/2022/02/Mack\_Anticipate-and-Adjust-Cultivating-Access-in-Human-Centered-Methods-1.pdf</a>)
- Shinohara, K., Wobbrock, J. O. (2011). In the shadow of misperception: assistive technology use and social interactions (https://canvas.uw.edu/courses/1547697/files/88375384/download? wrap=1). In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (pp. 705-714). ACM.
- Mankoff, J., Hayes, G. R., & Kasnitz, D. 2010. <u>Disability studies as a source of critical inquiry</u> for the field of assistive technology
   (https://canvas.uw.edu/courses/1547697/files/88375388/download?wrap=1). Proc. ASSETS 2010, 3-10. ACM.
- Spiel et al. <u>Microethics for Participatory Design with Marginalized Children</u> (<a href="https://hal.archives-ouvertes.fr/hal-01839208/document">https://hal.archives-ouvertes.fr/hal-01839208/document</a>)

- Bennett, C. L., Brady, E., & Branham, S. M. 2018. <u>Interdependence as a frame for assistive technology research and design</u> 
   — (<a href="https://www.bennettc.com/wp-content/uploads/2018/09/bennett\_interdependence-as-a-frame-for-assistive-technology-design-and-research.pdf">https://www.bennettc.com/wp-content/uploads/2018/09/bennett\_interdependence-as-a-frame-for-assistive-technology-design-and-research.pdf</a>). *Proc. ASSETS 2018*, 161-173. ACM.
- Watch Liz Jackson's talk from ixd19: <u>"Empathy Reifies Disability Stigmas"</u> 

   (<a href="https://vimeo.com/319388683">https://vimeo.com/319388683</a>)
- [Optional] <u>Inclusive Design has Become so Widely Used that it's Meaningless</u> 

  <u>(https://www.fastcompany.com/90697288/inclusive-design-has-become-so-widely-used-that-its-meaningless-that-has-to-change)</u>
- [Optional reading] Panzarino, C. 1994. <u>The Me In the Mirror</u>
   (<a href="https://canvas.uw.edu/courses/1547697/files/88375395/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375395/download?wrap=1</a>). Seal Press. (Excerpts)
- [Optional] <u>Hostile Accommodations</u> <u>→ (https://southseattleemerald.com/2020/02/11/opinion-the-violence-of-hostile-accommodations/)</u>
- [Optional] Hofmann et al. (2020) <u>Living Disability Theory: Reflections on Access, Research, and Design</u> ⇒ (https://dl-acm-org.offcampus.lib.washington.edu/doi/pdf/10.1145/3373625.3416996)

#### Resources:

- <u>Sara Hendren's Suggested Disability Studies Intro Readings for Engineers</u> (https://ablersite.org/2016/11/01/an-introduction-to-disability-studies-for-engineers/)
- Sara Hendren. <u>All Technology is Assistive</u> 
   — (<a href="https://medium.com/backchannel/all-technology-is-assistive-ac9f7183c8cd">https://medium.com/backchannel/all-technology-is-assistive-ac9f7183c8cd</a>). Wired, October 2014.

## Week 5 (4/28): Hearing (only briefly)

#### Watch:

McDonnell et al. (2021) <u>Social, Environmental, and Technical</u> ⇒ (https://www.youtube.com/watch? <u>v=1TC8sfPQxxQ)</u>

From last week: Mobility (https://uw.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=c955e5d6-aba8-4e4f-9fe1-ae7f01614eb2)

- Jain, D., Desjardins, A., Findlater, L., & Froehlich, J. E. 2019. <u>Autoethnography of a Hard of Hearing Traveler (https://canvas.uw.edu/courses/1547697/files/88375397/download?wrap=1)</u>.
   Proceedings of ASSETS 2019, 236-248.
- Erard, M. (2017, November 9). Why Sign-Language Gloves Don't Help Deaf People. 

  (https://www.theatlantic.com/technology/archive/2017/11/why-sign-language-gloves-dont-help-deaf-people/545441/) The Atlantic.
- Kushalnagar, R. (2019). <u>Deafness and hearing loss</u>
   (<a href="https://canvas.uw.edu/courses/1547697/files/88375418/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375418/download?wrap=1</a>). In Web Accessibility (pp. 35-47). Springer, London.
- McDonnell et al. (2021 )Social, Environmental, and Technical: Factors at Play in the Current
   Use and Future Design of Small-Group Captioning → (https://dl-acm org.offcampus.lib.washington.edu/doi/pdf/10.1145/3479578)
- [Optional] Ang, Liu et al. (2022) In this Online Environment, We're Limited. (https://canvas.uw.edu/courses/1547697/files/90631663?wrap=1)

#### Resources:

Week 6 (5/5): Industry perspective,

Implementation and Policy, Situational Impairments, Poster Session

**Guest: Ailsa Leen** 

Watch: Dr. Cindy Bennett's keynote starts at

34:58 (https://www.youtube.com/watch?v=rbRR7DGX4qE&t=2098s)

- Lazar, J. 2013. <u>Legal Aspects of Interface Accessibility in the U.S.</u>
   (<a href="https://canvas.uw.edu/courses/1547697/files/88375404/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375404/download?wrap=1</a>) Communications of the ACM, 56(12), 74-80.
- Givens, A. R. <u>How algorithmic bias hurts people with disabilities</u> 
   (<a href="https://slate.com/technology/2020/02/algorithmic-bias-people-with-disabilities.html">https://slate.com/technology/2020/02/algorithmic-bias-people-with-disabilities.html</a>). Slate, February 6, 2020.

- [Optional] Pisani, J. <u>Coming to store shelves: cameras that guess your age and sex</u> 

  <u>(https://www.seattletimes.com/business/coming-to-store-shelves-cameras-that-guess-your-age-and-sex/)</u>, Seattle Times, April 23, 2019.
- Wobbrock, J.O. 2019. <u>Situationally-induced impairments and disabilities</u>
   (<a href="https://canvas.uw.edu/courses/1547697/files/88375431/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375431/download?wrap=1</a>). Chapter 6 in S. Harper & Y. Yesilada (eds.), Web Accessibility: A Foundation for Research (2nd ed.). London, England: Springer-Verlag.
- <u>Disability, Race, and Poverty in America.</u> 

   (https://www.nationaldisabilityinstitute.org/wp-content/uploads/2019/02/disability-race-poverty-in-america.pdf)

# Week 7 (5/12): Neurodiversity, cognition

## Readings:

- What is NeuroDiversity? => (https://www.neurodiversityhub.org/what-is-neurodiversity)
- Davidson and Henderson. 2010. <u>'Travel in parallel with us for a while': sensory geographies of autism (https://canvas.uw.edu/courses/1547697/files/88375415/download?wrap=1)</u>. The Canadian Geographer 54, no. 4 (2010), 462-475.
- Williams et al. 2019

"Nothing About Us Without Us" Transforming Participatory Research and Ethics in Human Systems Engineering ⇒ (https://www-taylorfrancis-com.offcampus.lib.washington.edu/chapters/nothing-us-without-us-transforming-participatory-research-ethics-human-systems-engineering-rua-williams-juan-gilbert/e/10.1201/9780429425905-9? context=ubx&refld=8d5d71f3-6973-467e-843e-0985834de7ea)

• [Optional] Automating Autism (https://canvas.uw.edu/courses/1547697/files/92350378?wrap=1)

#### Resources:

ASPECTS Design Index. 

☐→ (https://www.autism.archi/aspectss)

Seeman and Lewis. 2019. <u>Chapter 4: Cognitive and learning disabilities</u>
<a href="mailto:(https://canvas.uw.edu/courses/1547697/files/88375413/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375413/download?wrap=1</a>). Web Accessibility. Springer-Verlag.

McKay. <u>Designing for Autism</u> <u>⇒ (https://uxmastery.com/researching-designing-for-autism/)</u>

Rizvi <u>Using HCI to Tackle Race and Gender</u> 

(https://drive.google.com/file/d/10QYg8tUeJnhyLPHuO2glx6zMJknLRytX/view)

## Bias in ADHD Diagnosis □→

(https://drive.google.com/file/d/1OQYq8tUeJnhyLPHuO2glx6zMJknLRytX/view)

Williams & Gilbert (2020) <u>Perseverations of the academy: A survey of wearable technologies</u> <u>applied to autism intervention</u> □

(http://Perseverations%20of%20the%20academy:%20A%20survey%20of%20wearable%20technologies% 20applied%20to%20autism%20intervention)

# Week 8 (5/19): Aging and Inclusive Healthcare

**Guest: Os Keyes** 

Watch (Optional): Social Determinants of Health: Work and Sex/Gender under panopto

- Deliya B. Wesley, Christian Boxley, Stefanie Kurgatt, Christopher J. King, Kristen E. Miller. <u>The Intersection of Human Factors Engineering and Health Equity.</u> 
   — (https://www-taylorfrancis-com.offcampus.lib.washington.edu/chapters/edit/10.1201/9780429425905-5/intersection-human-factors-engineering-health-equity-deliya-wesley-christian-boxley-stefanie-kurgatt-christopher-king-kristen-miller?context=ubx&refld=0f02eee8-7ef3-460a-bcfd-3c761b685401)
- Liang et al. 2020. <u>Designing An Online Sex Education Resource for Gender-Diverse Youth</u>
   (<a href="https://canvas.uw.edu/courses/1547697/files/88375398/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375398/download?wrap=1</a>). Interaction Design and Children 2020 (IDC '20), June 21-24.
  - Focus on the "Introduction", "Methods", and "Findings Ethical Considerations" if you need to prioritize your attention.
- Czaja, 2019. Designing for Older Adults. <u>Chapter 1: Introduction.</u>
   (<a href="https://canvas.uw.edu/courses/1547697/files/88375434/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375434/download?wrap=1</a>)
  - Read only sections 1.2-1.5
- Vines, J., Pritchard, G., Wright, P., Olivier, P., & Brittain, K. (2015). <u>An age-old problem:</u>
   <u>Examining the discourses of ageing in HCl and strategies for future research</u>
   (<a href="https://canvas.uw.edu/courses/1547697/files/88375389/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375389/download?wrap=1</a>). ACM Transactions on Computer-Human Interaction (TOCHI), 22(1), 2.
  - Read only sections 1, 2 and 5
- [Optional quick read first-person perspective] Norman, D. <u>I wrote the book on user-friendly design. What I see today horrifies me</u> <u>→ (https://www.fastcompany.com/90338379/i-wrote-the-book-on-user-friendly-design-what-i-see-today-horrifies-me</u>). *Fast Company*, May 8, 2019.
- [Optional] Weight Science → (https://nutritionj.biomedcentral.com/articles/10.1186/1475-2891-10-9)
- [Optional] Escher & Banovic <u>Exposing Error in Poverty Management Technology: A Method</u> for Auditing Government Benefits Screening Tools | Proceedings of the ACM on Human-

Computer Interaction → (https://dl.acm.org/doi/abs/10.1145/3392874)

- [Optional] <u>A healthcare algorithm started cutting care, and no one knew why</u> 

  (https://www.theverge.com/2018/3/21/17144260/healthcare-medicaid-algorithm-arkansas-cerebral-palsy)
- [Optional] What's wrong with the War on Obesity?
   (https://journals.sagepub.com/doi/full/10.1177/2158244018772888)
- [Optional] <u>Racism in Medicine</u> ⇒ (https://hms.harvard.edu/magazine/racism-medicine/field-correction?
   utm\_source=SilverpopMailing&utm\_medium=email&utm\_campaign=Daily%20Gazette%2020210127%
   20(1))
- [Optional] <u>Misgendering: What it is and why it matters</u> ⇒

  (<a href="https://www.health.harvard.edu/blog/misgendering-what-it-is-and-why-it-matters-202107232553?">https://www.health.harvard.edu/blog/misgendering-what-it-is-and-why-it-matters-202107232553?</a>

  utm content=buffer47e7d&utm medium=social&utm source=linkedin&utm campaign=buffer)

# Week 9 (5/26): Intersecting Identities

## Readings:

- Harrington et al. <u>Community-Based Approaches to Reconsidering Design for Marginalized</u>
   <u>Populations</u> 
   <u>Populations</u> (https://dub.washington.edu/seminars/2020-10-28.html)
- Bennett et al. <u>It's Complicated: Negotiating Accessibility and (Mis)Representation in Image Descriptions of Race, Gender, and Disability 
   — (https://dl-acm-org.offcampus.lib.washington.edu/doi/10.1145/3411764.3445498)</u>
- [Optional] Liang et al. 2021 <u>Embracing Four Tensions in Human Computer Interaction</u> ⇒ (<a href="https://dl-acm-org.offcampus.lib.washington.edu/doi/pdf/10.1145/3443686">https://dl-acm-org.offcampus.lib.washington.edu/doi/pdf/10.1145/3443686</a>)

## Week 10 (6/2): Final Presentations, Wrap-up

Ladner, R. and Rector, K. 2017. <u>Making your presentation accessible</u>
 (<a href="https://canvas.uw.edu/courses/1547697/files/88375391/download?wrap=1">https://canvas.uw.edu/courses/1547697/files/88375391/download?wrap=1</a>). interactions, Jul-Aug 2017, 57-59.

Week 10 (6/2):