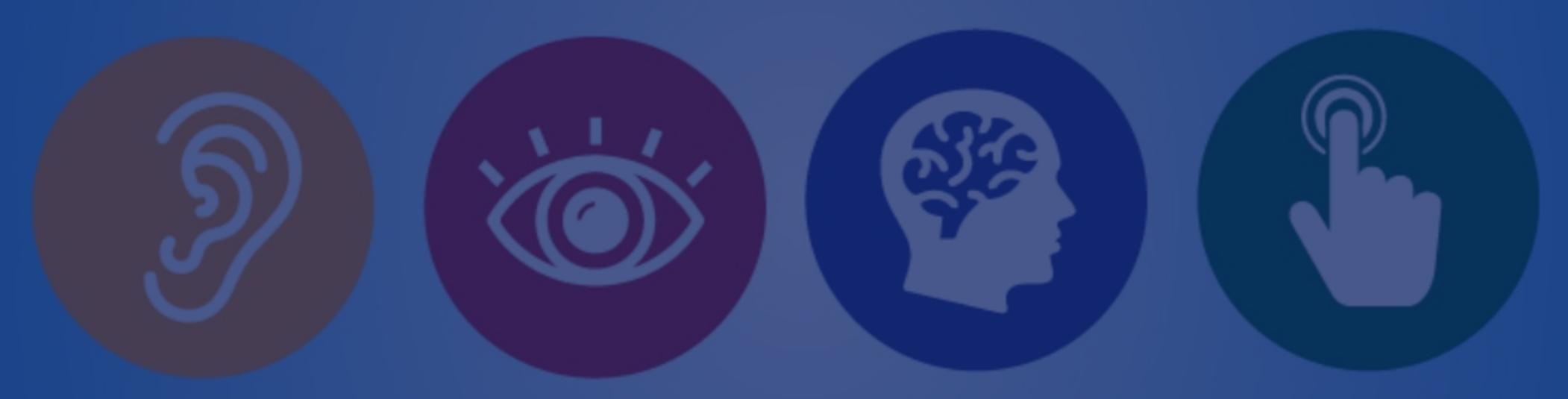
## BUILDING A CULTURE TOWARD



Digital Accessibility & Inclusion in Higher Education

3Play Access 2022 March 31, 2022 | Kyle Shachmut



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## BUILDING A CULTURE TOWARD ACCESSIBILITY IS ABOUT PEOPLE

## WHAT IS DIGITAL ACCESSIBILITY?

digital accessibility — making electronic content available to and usable by everyone, at the same time, with the same ease of use, including and especially people with disabilities



Digital accessibility is an important part of disability inclusion and Diversity Equity & Inclusion (DEI) work where IT has high impact and business ownership.

### TYPES OF EXCLUSIONS

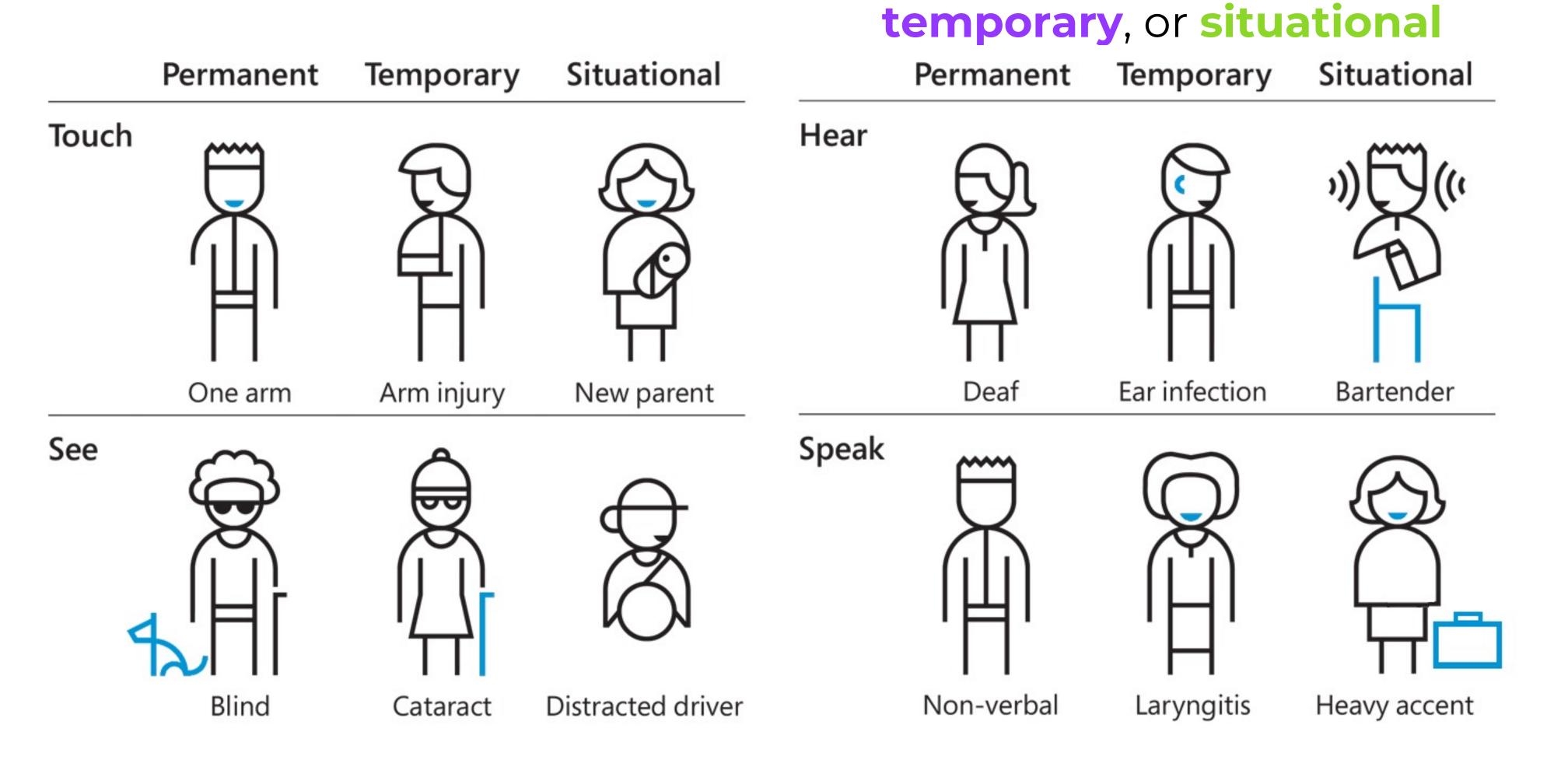
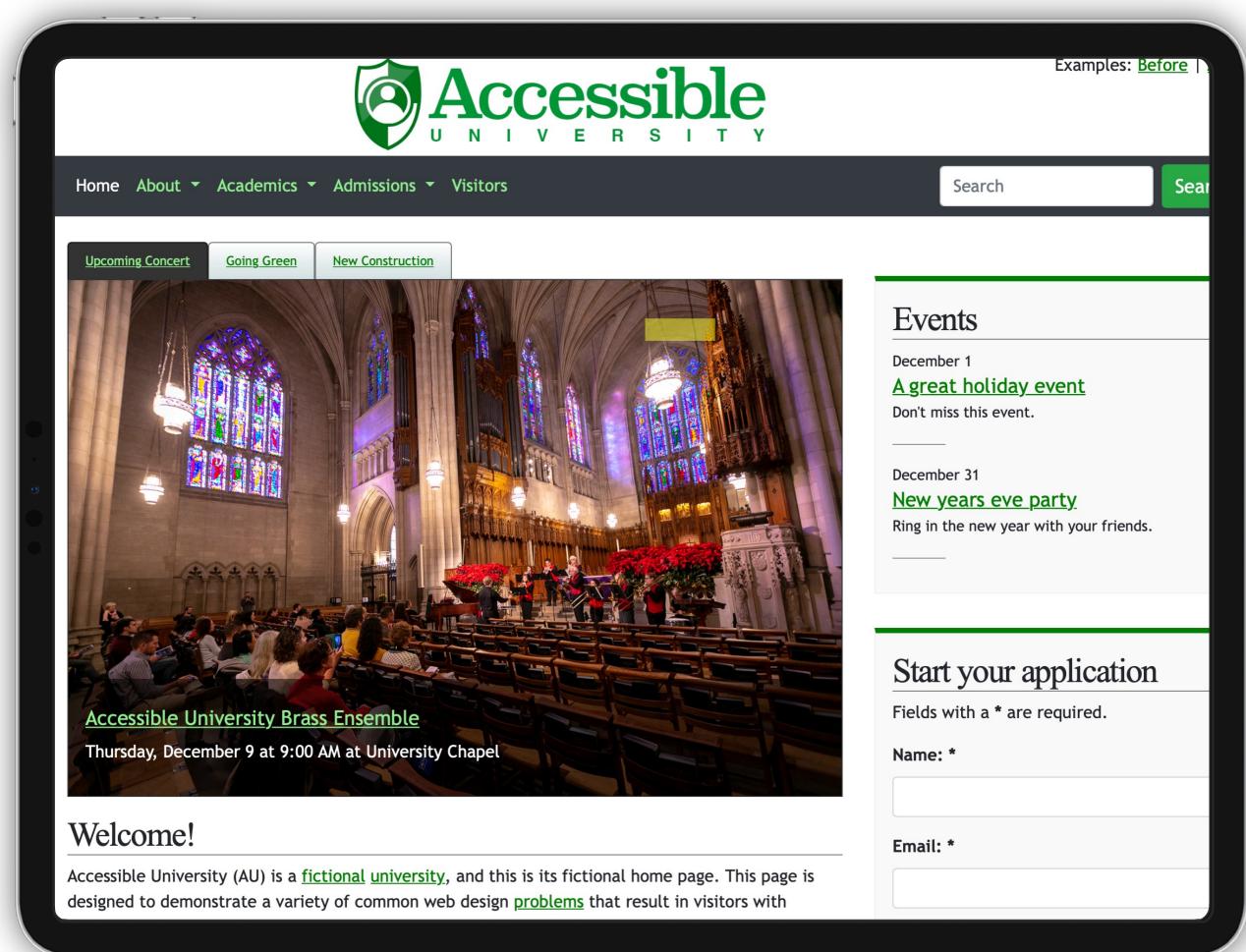


image credit: Microsoft design

disability and associated

exclusions can be permanent,



# Accessible University

## DEMO: ACCESSIBILITY BARRIERS

A helpful teaching and demonstration tool is the Accessible University 4.0 site, created by U of Washington's DO-IT Center and updated by Duke University. The links display the same site with and without accessibility improvements that are very apparent to users of assistive technology. The "about" link explains the accessibility enhancements that make all the difference.

AU - accessible version

AU - inaccessible version

AU - list of issues

### CAMPUS EXAMPLES

examples of successful digital accessibility implementation efforts at or across postsecondary institutions that are part of building toward a culture of inclusion 

## UNIVERSITY POLICY & PROCEDURES

- ■University websites striving to meet WCAG 2.1 AA
- Developing plans for new content and popular legacy material to meet accessibility standards by design or upon request
- Establish an expert team: <u>Digital Accessibility Services</u> (DAS)
- Create oversight and governance for IT Accessibility
- Creates network of <u>Digital Accessibility Liaisons</u> (DAL) champions across an organization to promote and implement change
- ■Procedures accompany a Policy to set expectation. Example: make it simpler to <u>report any barriers</u>



#### **DIGITAL ACCESSIBILITY**

HOME / POLICIES /

### Harvard University Digital Accessibility Policy

#### **Policy Statement**

Harvard University is committed to making its websites accessible. In accordance with this commitment, and with the knowledge that accessible digital content generally enhances usability for everyone, this Policy is established to improve the user experience for those with disabilities. The University recognizes that websites and web-based applications are often integral to the academic and administrative work of the University. This Policy addresses the needs of individuals with disabilities who seek to use University Websites to participate in University programs and activities and/or conduct University Business.



RELATE!

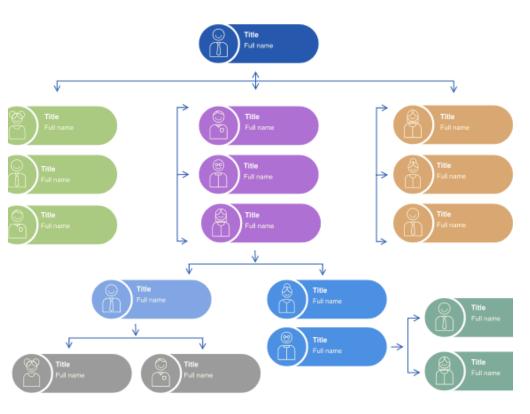
Implementation Procedures

Frequently Asked Questions

Read the Gazette Article

# ORGANIZATIONAL STRUCTURE AND SUPPORT









#### **EXECUTIVE SPONSORSHIP**

- •tone setting
- budget and resource allocation

#### **ORGANIZATIONAL STRUCTURES**

• leadership & reporting structures

#### **ANALOGOUS TO IT SECURITY**

• staffing profile, maturity of process and rigor of expectations

#### **COLLABORATIVE,, CREATIVE LEADERSHIP**

• shared responsibilities across decentralized organizations

## COURSE READINGS & FORMATTED TEXT

#### Page 2 - OCR Reference No. 10122118

information kiosks, Automated Teller Machines (ATMs) transaction machines, computers, ancillary equipment, software, firmware and similar procedures, services (including support services), and related resources.

- C. "Equally effective" means that the alternative format or medium communicates the same information in as timely a fashion as does the original format or medium.
- "Legacy websites" are University Program and Department websites published before July 30, 2013.

#### III. REMEDIAL ACTIONS

To resolve the concerns identified in the Complaint, the University will take effective steps, the specifics of which are described below, designed to ensure that EIT used in University programs and activities is accessible to individuals with disabilities.

#### A. EIT Accessibility Policy and Procedures

- 1. By March 14, 2014, the University shall develop a draft EIT Accessibility Policy that demonstrates its commitment to implementing accessibility of EIT. Along with the policy, the University shall develop draft procedures to implement its EIT Accessibility Policy across all disciplines and will provide to OCR for review and comment the draft policy and procedures. OCR will provide comments about the draft policy and procedures as promptly as possible, and the University will incorporate OCR's comments into its policy and procedures unless there is disagreement, in which case the University and OCR will work together in good faith to resolve the disagreement.
- 2. Within 30 calendar days of receiving OCR's comments about the draft EIT Accessibility Policy and Procedures developed pursuant to Section III.A.1. of this Agreement (or the resolution of any disagreement that arises about OCR's comments, whichever is later), the University shall incorporate OCR's comments and adopt and implement the policy and procedures.
- 3. Within 30 calendar days of adopting and implementing its EIT Accessibility Policy and Procedures pursuant to Section III.A.2. of this Agreement, the University will disseminate those policy and procedures to all staff and faculty, and the University will provide additional instruction and support to both staff and faculty. The University will also post the adopted policy and procedures on a University website. The University shall disseminate its EIT Accessibility Policy and Procedures on an annual basis to all University personnel, including senior academic leadership (deans and chancellors), department heads, faculty, and staff.

#### Page 3 – OCR Reference No. 10122118

4. Within 30 calendar days of adopting and implementing its EIT Accessibility Policy and Procedures pursuant to Section III.A.2. of this Agreement, the University will provide presentations and workshops about the policy and procedures to University senior academic leadership, department heads, and information technology staff.

#### B. Grievance Procedure

By March 14, 2014, the University shall disseminate a grievance procedure compliant with Section 504 and Title II whereby a student, faculty member, staff member, or member of the public may file a grievance to the University's Office of Equal Opportunity and Affirmative Action ("EO/AA") regarding an EIT accessibility barrier. The grievance procedure shall be posted on the websites for the EO/AA Office, the Office of Disability Services for Students, and the University website dedicated to accessibility. The procedure shall include a mechanism whereby the Director of EO/AA or his or her designee shall investigate the grievance and respond to the grievant within a reasonable timeframe of the filing of the grievance.

#### C. EIT Procurement Procedures

- 1. By May 1, 2014, the University shall develop and institute procedures that require the University to purchase or recommend only EITs that will provide the same programs, benefits, and services as they do to individuals without disabilities, except when it would fundamentally alter a program or when it is not technically feasible to do so, in which case the procedures will require the University to provide accessible alternate EITs.
- 2. By May 1, 2014, the University shall implement as part of its request for proposal process a requirement that bidders meet the accessibility standards of WCAG 2.0 Level AA for web-based technology (as set forth in Appendix A to this Agreement) and Section 508 of the Rehabilitation Act and the Americans with Disabilities Act for other EITs; and requiring or encouraging, at the University's discretion, as part of any contract with its vendors, provisions in which the vendor warrants that any technology provided complies with these standards and any applicable current federal and state disability laws.

#### D. EIT Accessibility Training

 By March 14, 2014, the University shall provide and make readily available, to faculty and staff who develop or post content on any University website or through other EITs, or who select, create, or post EIT for students or otherwise incorporate students' use of EIT in their classes, information about their obligations to ensure EIT accessibility and about resources to assist in meeting those obligations, including instruction on how to make digital information simple elements like semantic markup, and formatting styles have a big impact on the accessibility and readability of text documents.

Page 2 – OCR Reference No. 10122118 information kiosks, Automated Teller Machines (ATMs) transaction machines, computers ancillarly upment software afterwave softies of which are described below, designed to ensure that EIT used in University program and Department websites published before July 30, 2013. III. REMEDIAL ACTIONS To resolve the concerns identified in the Complaint, the University will take effective store the specifics of which are described below, designed to ensure that EIT used in University programs and activities is accessibility Policy and Procedures 1 By March 14, 2014, the University shall develop a draft EIT Accessibility Policy and procedures as promptly as possible, and the University will incorporate OCR's comments about the draft policy and procedures under the university and OCR will work together in good faith to resolve the disagreement. 2. Within 30 calendar days of each gradient and procedures of adopting and implementing its EIT Accessibility Policy and Procedures to university besides on a University website. The University shall disseminate those policy and procedures to all staff and faculty, and the University website. The University shall disseminate its EIT Accessibility Policy and Procedures to a University website. The University shall disseminate its EIT Accessibility Policy and Procedures to a University website. The University shall disseminate its EIT Accessibility Policy and Procedures to a University website. The University shall disseminate its EIT Accessibility Policy and Procedures to a University website. The University shall disseminate its EIT Accessibility Policy and Procedures to University shall disseminate its EIT Accessibility Policy and Procedures to University shall disseminate its EIT Accessibility Policy and Procedures to University shall disseminate a grievance procedure suprace procedure s

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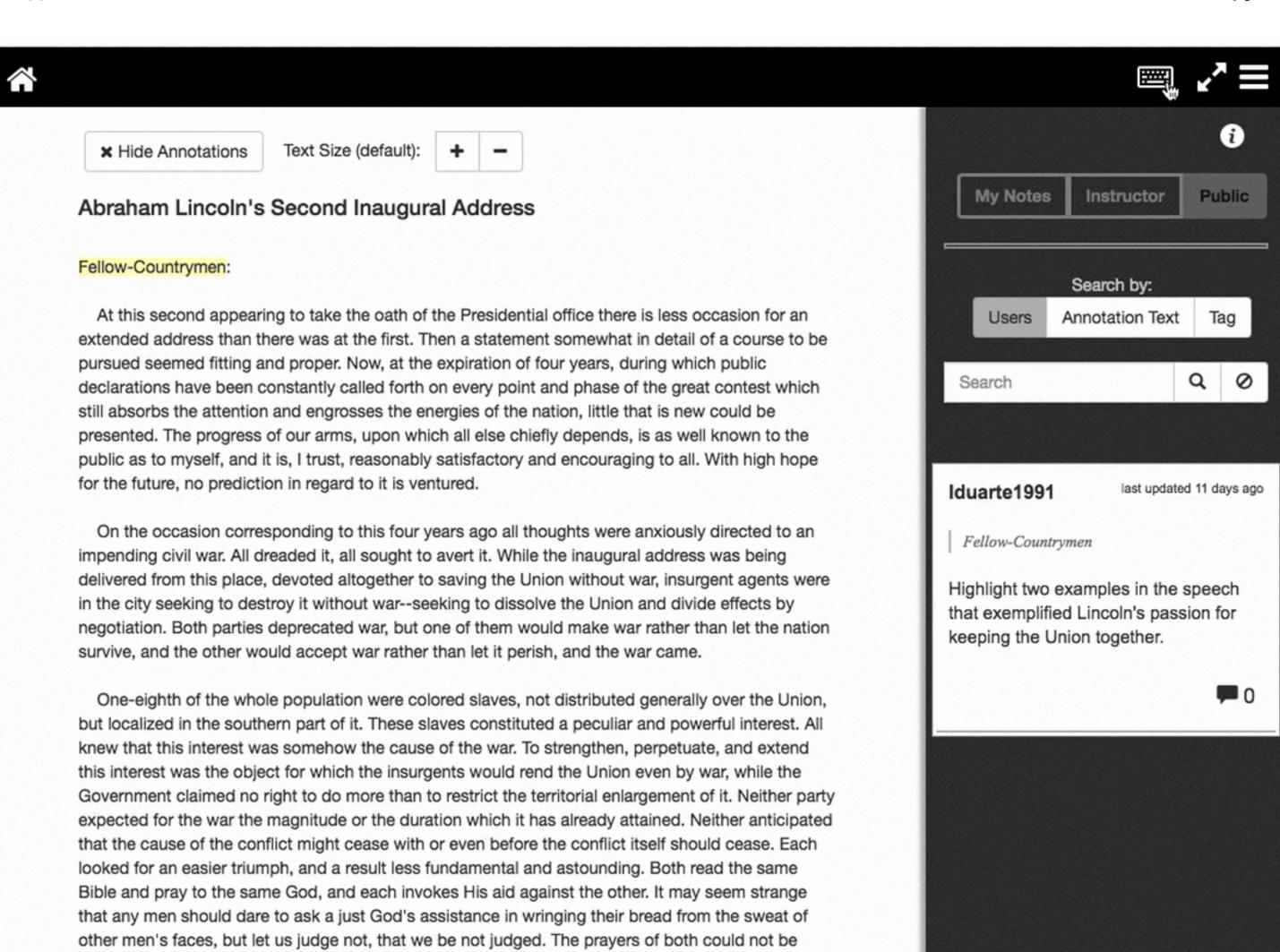
reading an accessibility OCR legal case

reading an OCR case as rendered via OCR (optical character recognition on a computer)

## ONLINE LEARNING TOOLS

GIF showing the HX Annotation Tool usin keyboard text selection.

Asterisks (\*) mark the beginning and end selection (highlight), removing need of a mouse to click-and-drag to highlight.



answered. That of neither has been answered fully. The Almighty has His own purposes. "Woe unto

the world because of offenses; for it must needs be that offenses come, but woe to that man by

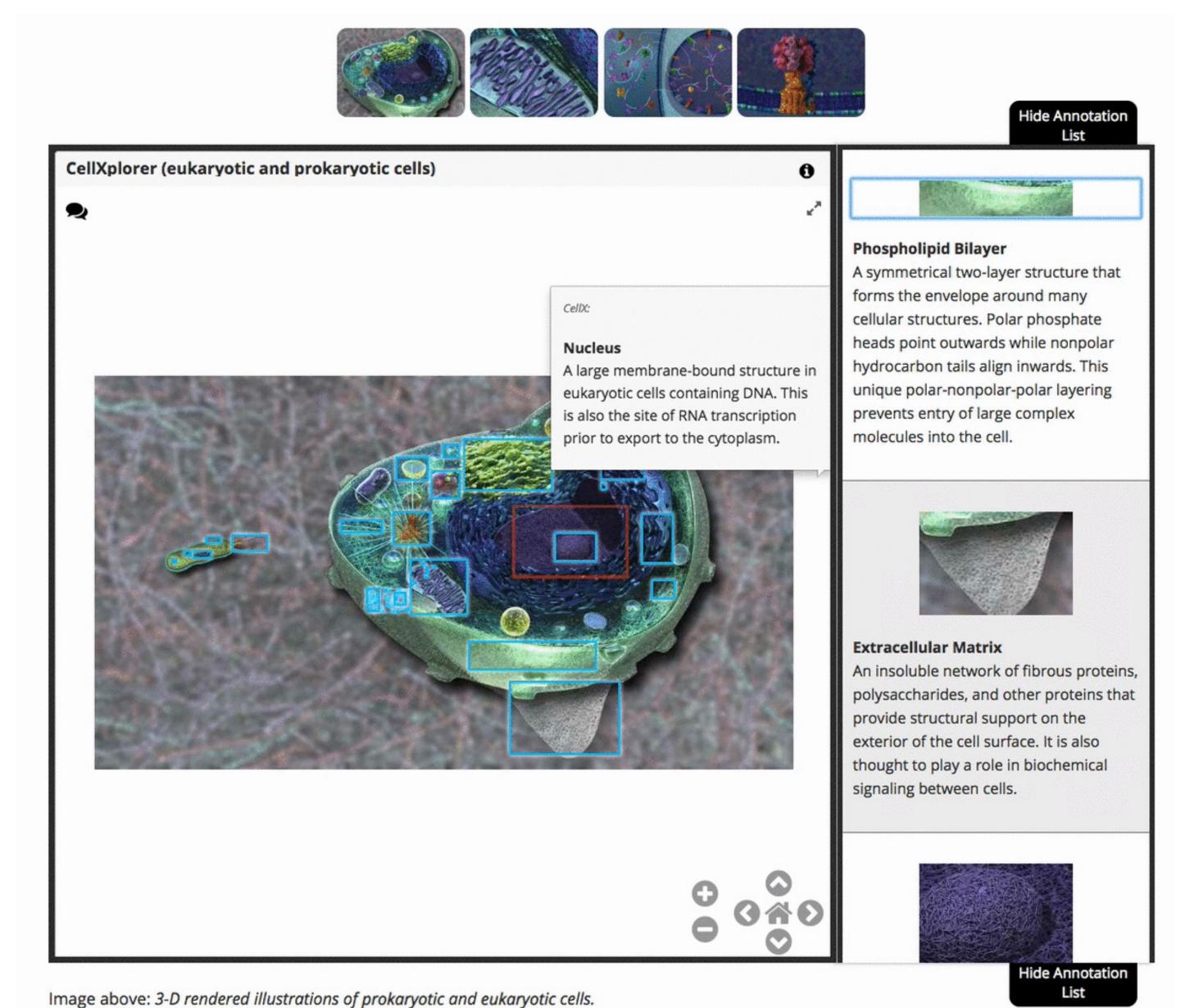
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### ONLINE TOOLS FOR MULTIMEDIA

GIF demonstrates the HX Annotation Tool acting as a tool to aid accessibility.

The tool added descriptive text to explain sections of an image as learners zoom to different levels. These ensure comments are made in the right region. It was built using included annotation and tagging features of the tool.

An assistive technology feature became the crux of the 'introduction' created to onboard all learners.

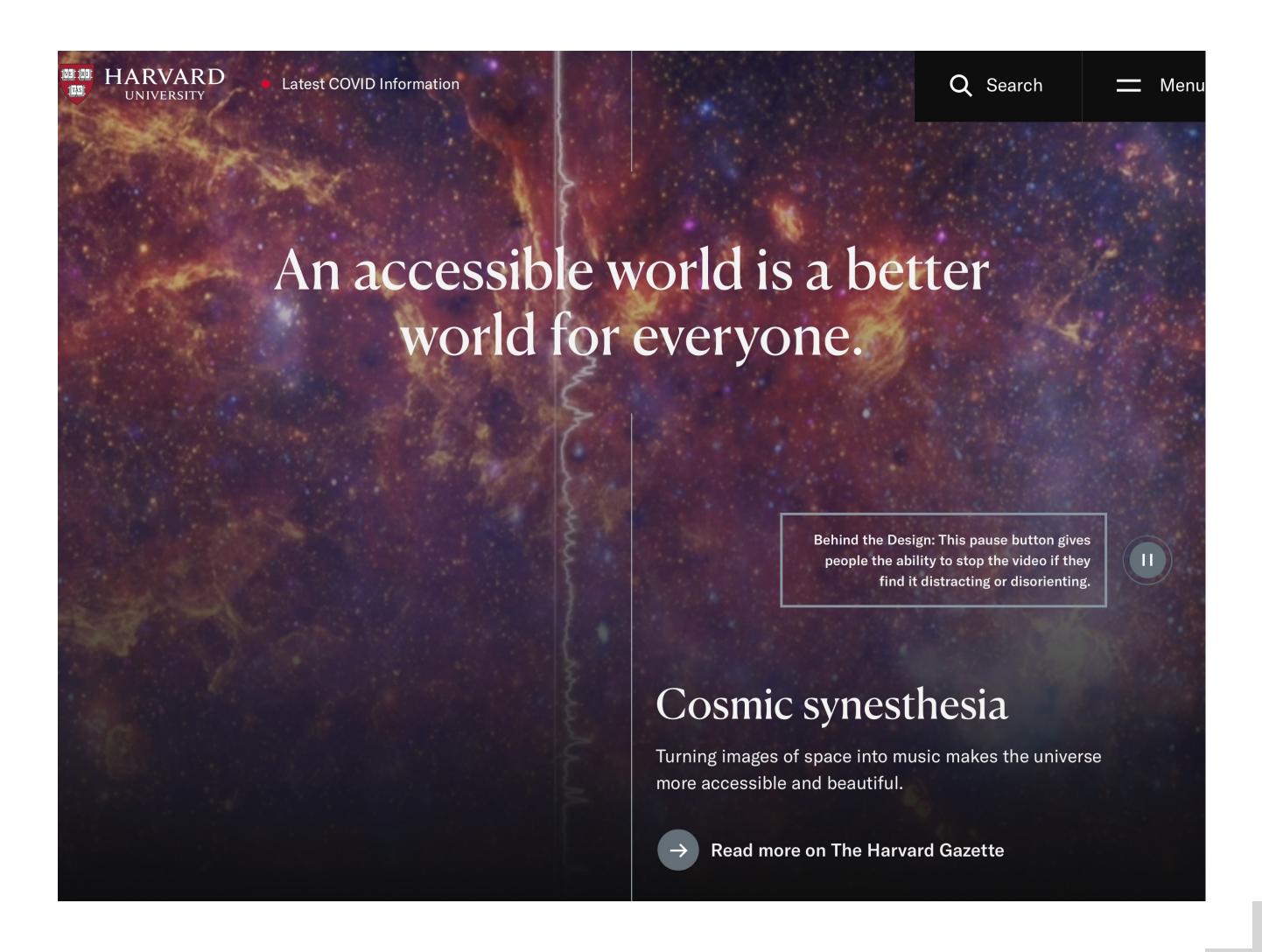


# Digital accessibility: Everyone has a role to play

Every Content Creator has a responsibility to know about accessibility and how they contribute to digital inclusion on campus:

<u>Digital Accessibility Digest</u> - regular tips & tricks newsletter for faculty, staff & students

Harvard - the accessible world - recent harvard.edu homepage takeover



## COLLABORATE: LEARN FROM AND SHARE WITH OTHER INSTITUTIONS

- Many institutions perform similar work to make curricular, cocurricular and extra curricular programs activities and services accessible
- EDUCAUSE <u>IT Accessibility Community Group</u>: An active community of professionals with an online forum, monthly gatherings and efforts to produce community resources.

EDUCAUSE

UNCOMMON THINKING FOR THE COMMON GOOD





## ADDRESS ACCESSIBILITY IN PURCHASING



bit.ly/ER-accessibility-questions

Asking the Right Questions for Procuring Inclusive, Accessible Technology

HECVAT: Higher Ed Community Vendor Assessment Toolkit

Standardized tool that integrates IT Security and IT Accessibility vendor risk assessments

Knowledgeable Access contact

Conformance to Accessibility Standards

DOCU-12: VPAT or ACR within the past year?

ITAC-01: Audited by third-party expert?

ITAC-02: Process for verifying conformance?

ITAC-03: A standard of conformance for?

ITAC-04: Current, detailed roadmap with delivery timelines?

Organizational Maturity toward Accessibility

ITAC-05: Do staff maintain current skill set in accessibility?

ITAC-06: Process for reporting and tracking issues?

ITAC-07: Implement accessibility into development lifecycle?

Accessibility via UX, Support & Documentation

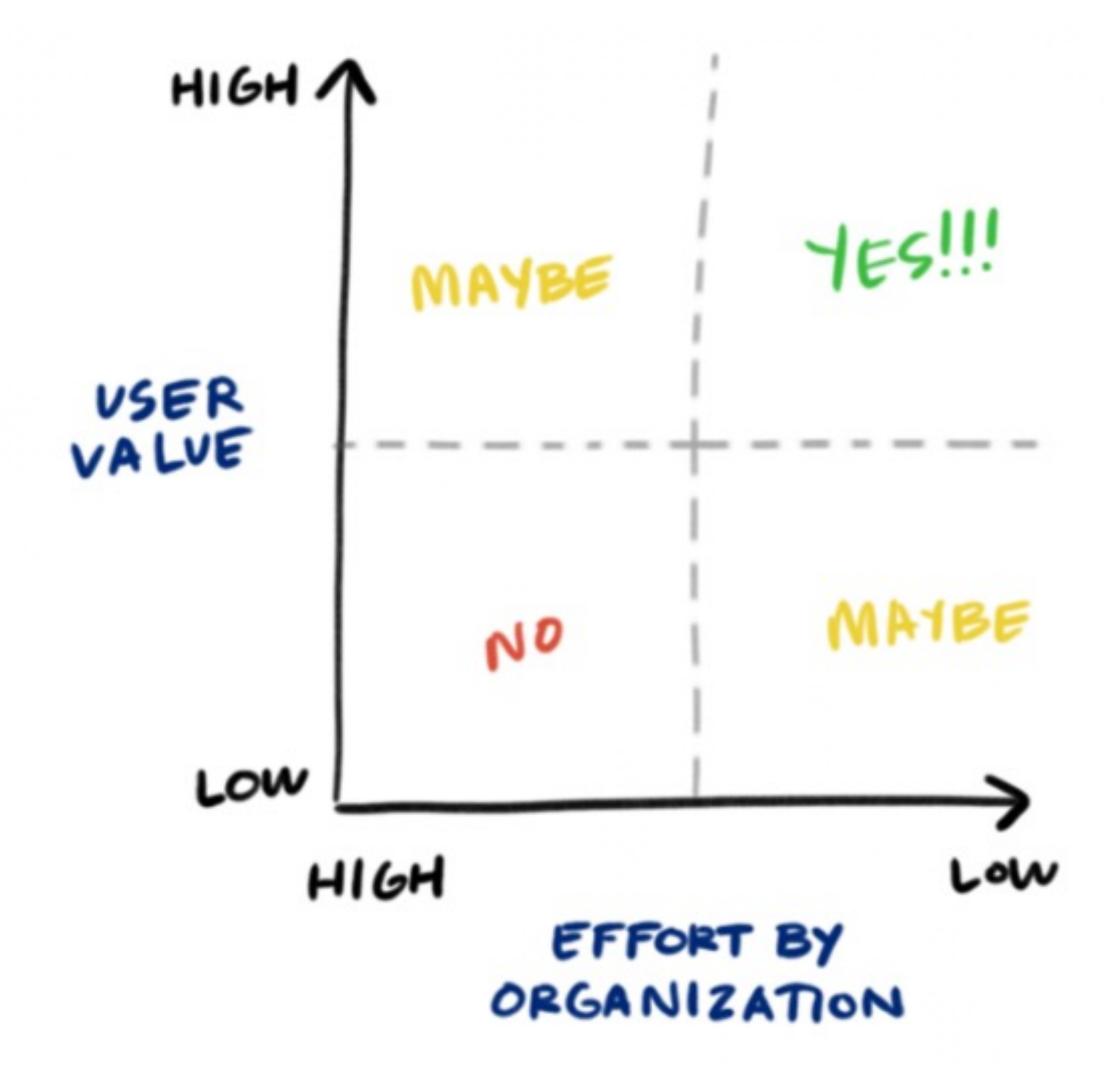
ITAC-08: All functions by only the keyboard?

ITAC-09: Special modes, "lite" versions, or overlays?

DOCU-13: Documentation to support accessibility features?

### STRATEGIES TO GET STARTED

- Hire and solicit feedback from people with disabilities
- 2. Cultivate relationships and find executive sponsorship
- 3. Codify shared values into institutional policies, procedures & practices
- 4. Spread the word and advocate for accessibility—everyone has a role to play!
- 5. Integrate accessibility into your content creation process to prevent future work



## QUESTIONS & DISCUSSION

Building a Culture Toward Digital Accessibility and Inclusion in Higher Education

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