4-ORGING
INTO THE FUTURE

Universal Design and Equity for People with Disabilities

Kyle Mutz, Director of Justin Dart, Jr. Student Accessibility Center

University of Houston System Student Affairs and Enrollment Services

2023 LEADERSHIP CONFERENCE

Justin Dart, Jr.
Student Accessibility Center
Division of Student Affairs

Universal Design and Equity for People with Disabilities

4-ORGING
INTO THE FUTURE

HEALTH AND WELL-BEING

We Dare to purse our authentic selves, individually and within our communities, by being, doing, connecting, caring, and learning.

CAMPUS RECREATION

Campus Recreation provides inclusive recreational experiences that inspire student success and lifelong well-being.

Aquatics
Fitness
Instramural Sports
Outdoor Adventure
Sport Clubs

Campus Recreation and Wellness Center
uh.edu/recreation
@uhrecreation

713-743-7529

COUNSELING & PSYCHOLOGICAL SERVICES

CAPS

CAPS promotes the well-being by balancing high quality mental health services & clinical training with accessibility to foster student success through self-discovery, learning, & interpersonal engagement.

Triage 1st Time Visit
Short-Term Counseling (Ind./Couples)
Group Counseling
Essential Skill Workshops
Community Referrals

Health 2 Building #2005
uh.edu/caps
@uhcaps
713-743-5454

UH WELLNESS

We cultivate a community of care to promote and enrich the health and well-being of our students to become successful scholars and engaged global citizens.

General Wellness
Bounce
Health Eating & Physical Activity
Mental Health
Sexual Violence Prevention
Sexual Health
Substance Use

Campus Recreation & Wellness Center
Suite #1038
uh.edu/wellness
@wellnessuh
@uhcupbrd

713-743-5420

COUGARS IN RECOVERY

Cougars in Recovery aspires to redefine the college experience for students in and seeking recovery from substance use and mental health disorders through recovery support services, community events, as well as professional and leadership development.

Source of Strentgthen
Career Ready Coogs
Outdoor Adventure Learning Experience
Recovery Ally Training

Cougar Village
uh.edu/cir/resources
@cougarsinrecovery

STUDENT HEALTH CENTER

Our mission is to provide a cost-effective, comprehensive, compassionate, and quality primary medical care to all so they can learn best health practices and maintain their focus on successful academic outcomes.

Medical Services
Labortory
Immunizations
Pharmacy
Psychiatry Clinic

Health 2
uh.edu/healthcenter
@uhhealthcenter
713-743-5151

JUSTIN DART, JR. STUDENT

ACCSSIBILITY CENTER

The Justin Dart, Jr. Student Accessibility Center equalizes our students' learning, discovery, and engagement by fostering self-advocacy, inclusion, and success.

Documentation
Accommodation
Interpreting and Caption Services
Emotional Support Animal

Justin Dart, Jr. Student Accessibility Center
uh.edu/accessibility
@uhdartcenter

713-743-5400
TDD 713-749-1527

1 of 1

4-ORGING
INTO THE FUTURE

On the Agenda

- Why is supporting access important?
- What is Universal Design?
- Who make up the disability community?
- Examples of good and bad design
- Creating a culture of access

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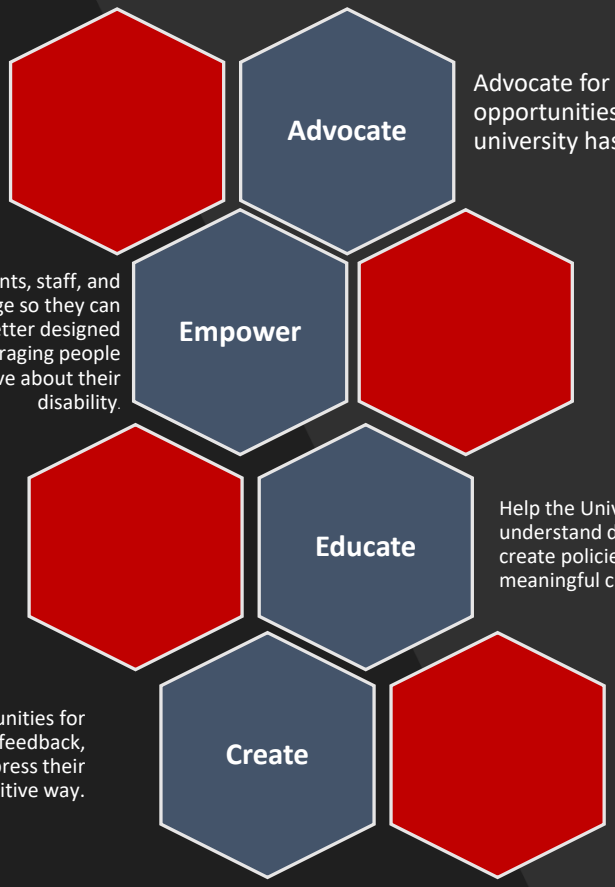
ARIZONA ATHLETICS
OPPORTUNITY FOR EVERYONE

Advocacy and Empowerment

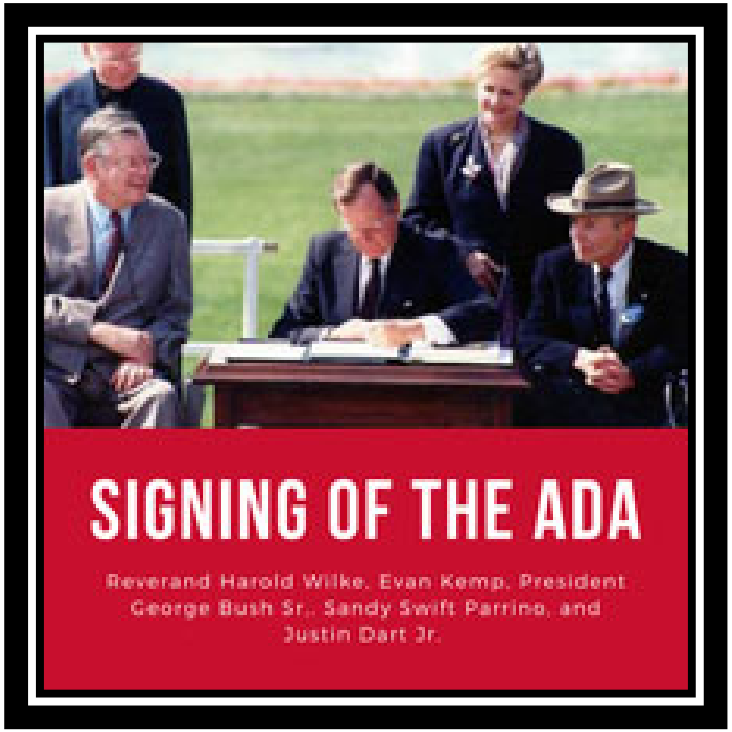


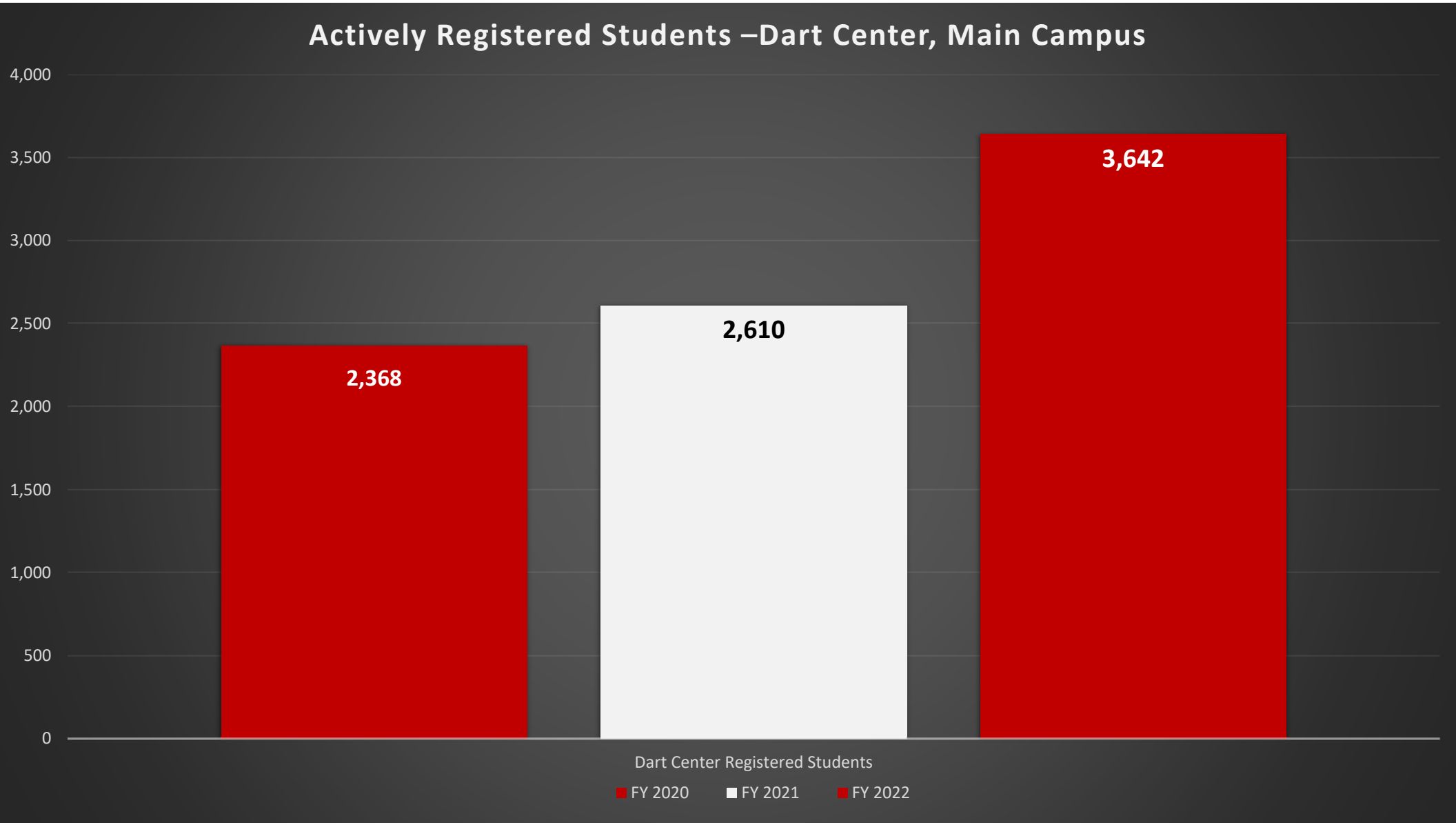
Advocate for inclusive opportunities for everything the university has to offer.

Empower students, staff, and faculty with knowledge so they can create better designed environments, encouraging people to feel positive about their disability.

Help the University better understand disability issues and create policies that promote meaningful change.

Create opportunities for students to provide feedback, get engaged and express their concerns in a positive way.




Actively Registered Students –Dart Center, Main Campus
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
2,368
2,610
3,642
Dart Center Registered Students
FY 2020
FY 2021
FY 2022

Accommodations & Services

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- Extended test time
- Distraction reduced testing
- Alternative format
- Sign language interpreters and CART or Communication Access-Real-Time
- Note taking support
- Priority seating
- Accessible furniture
- E-text or Audio books
- Assistive Technology training
- Campus events
- Study abroad
- Disability Dragons Connect (student group)
- Academic honor society
- Housing Accommodations
- Other accommodations are based on documentation

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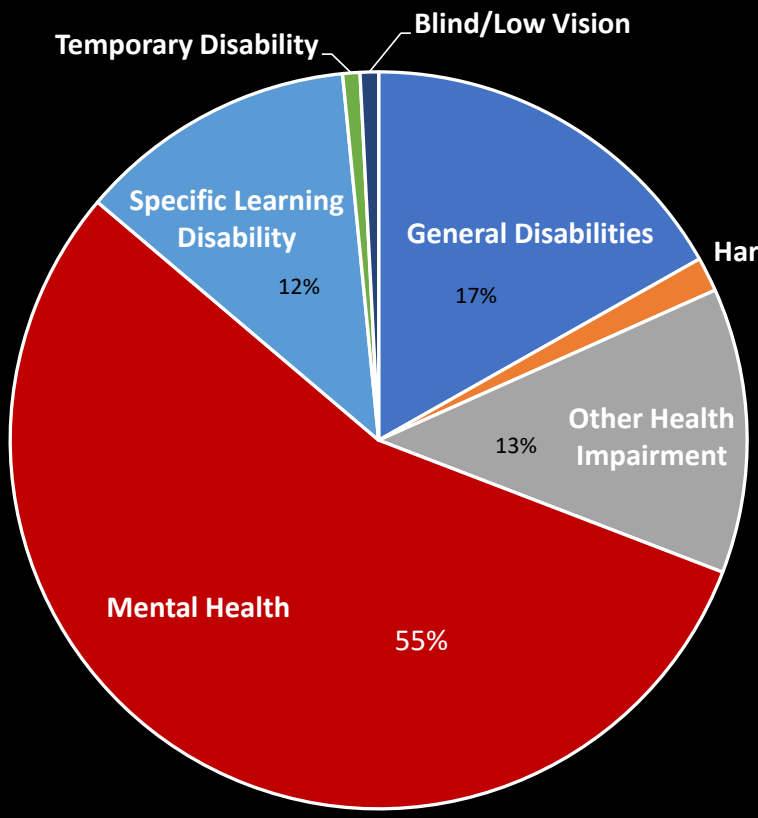
Disability Types



Mental Health include:

- ADHD/ADD
- Anxiety
- Depression
- PTSD
- Schizophrenia
- Tourette's Syndrome
- Bipolar Disorder
- OCD

Other Health Impairment:

- **Arthritis**
- **Asthma**
- **Traumatic Brain Injury**
- **Cancer**
- **Diabetes**
- **Epilepsy**
- **Fibromyalgia**
- **Spinal Cord Injury**

What does Disability mean?

- Definition by the Americans with Disabilities Act or ADA is a person with a disability who has a physical or mental impairment that substantially limits one or more major life activity.
- Disability can be either visible or invisible
- Disabilities can be something a person is born with or acquired at any point in life.
- Disabilities beyond mobility disabilities which include; mental health disabilities, chronic illnesses, intellectual disabilities, and hearing and vision

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Disability is Global

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- Over 1 billion people have disabilities or about 15% of the global population currently experience disability, and the number is increasing due in part to population ageing and an increase in the prevalence of noncommunicable diseases.
- The largest minority in the world is people who have disabilities.
- Disability can visible or invisible
- Disability can be something you are born with or acquired later on in life.
- 26% of adults in the United States have some type of disability.
- Disability results from the interaction between people and their environment.
- People with disability have less access to education, work opportunities and more likely to live in poverty.
- Disability is experienced different depending on culture.

WHO22/Forbes

Medical Model vs Social Model of Disability

- Fix the individual
- Correct the deficit within the individual
- Provide medical, vocational, or psychological rehabilitation services

- Remove barriers: physical, intellectual cultural and education
- Create through accommodations, universal design, and inclusive learning environments

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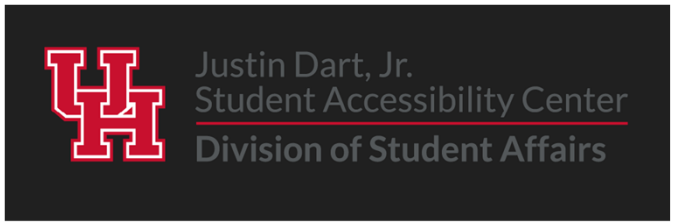
Universal Design – is the design and composition of an environment so that it can be accessed, understood and used to the greatest extent possible by all people regardless of their age, size, ability, or disability



1. **Equitable use**

   Same means of use for all.

2. **Flexibility in Use**

   Provide choice of methods of use.

3. **Simple and Intuitive Use**

   Arrange information consistence with importance

4. **Perceptible Information**

   Use different modes (pictorial, verbal, tactile) for redundant presentation of essential information.

5. **Tolerance for Error**

   Discourage unconscious action in tasks that require vigilance

6. **Low physical effort**

   Minimize repetitive actions

7. **Size and space for approach and use**

   Make reach to all components comfortable for any seated or standing user

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Universal Design

- Incorporating Universal Design projects in different aspects of academic departments. Example work with students who are architecture majors – have them incorporate aspects in planning construction.
- Encourage new buildings to incorporate Universal Design
- Use existing repair projects as possible low-cost opportunities to improve existing structures for students with disabilities
- Collect student feedback about the social accessibility of places on campus
  - Closed captioning
  - Accessible door openers
  - Flexible seating
  - Instructions and procedures in sign and captioned

This Photo by Unknown Author is licensed under CC BY-NC

Good or Bad Design?

Good or Bad Design?

Tilman J. Fertitta Family College of Medicine
UNIVERSITY OF HOUSTON

What is Universal Designed in this picture?

UD for Instruction

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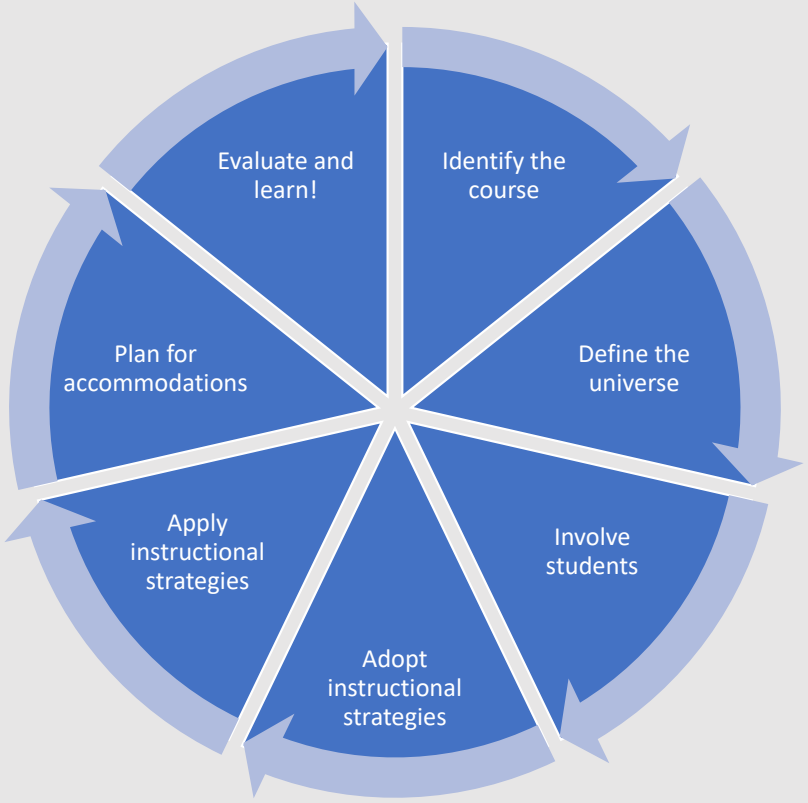

content by Dr. Burgstahler –UW Do-IT

Instructional Strategies

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Use clear, consistent layouts/navigation

Descriptive wording for hyperlink

Caption videos and transcribe audio content

Don't overburden students with learning a large number of technology products (check with instructional design for accessibility)

- Make instructions clear for activities, projects, discussions and readings
- Make examples and assignments relevant
- Opportunities to practice
- Provide feedback on project parts and offer corrective opportunities

content by Dr. Burgstahler –UW Do-IT

Benefits all Students!

- Multiple means of representation
- Multiple means of action an expression
- Multiple means of engagement
- Reduces learning barriers
- Allows for better focus on content and learning objectives
- Saves time
- Proactive approach to support students
- Does not eliminate the need for accommodations
- Minimizes the need for special accommodations

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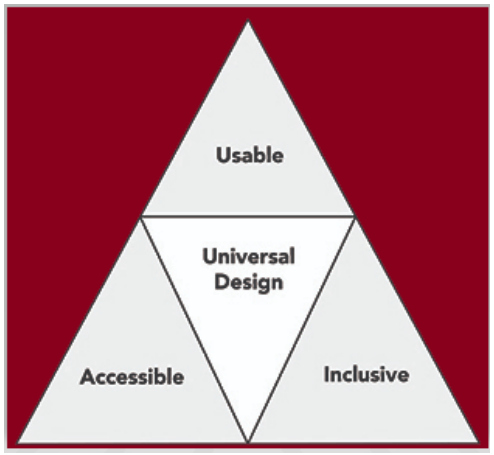
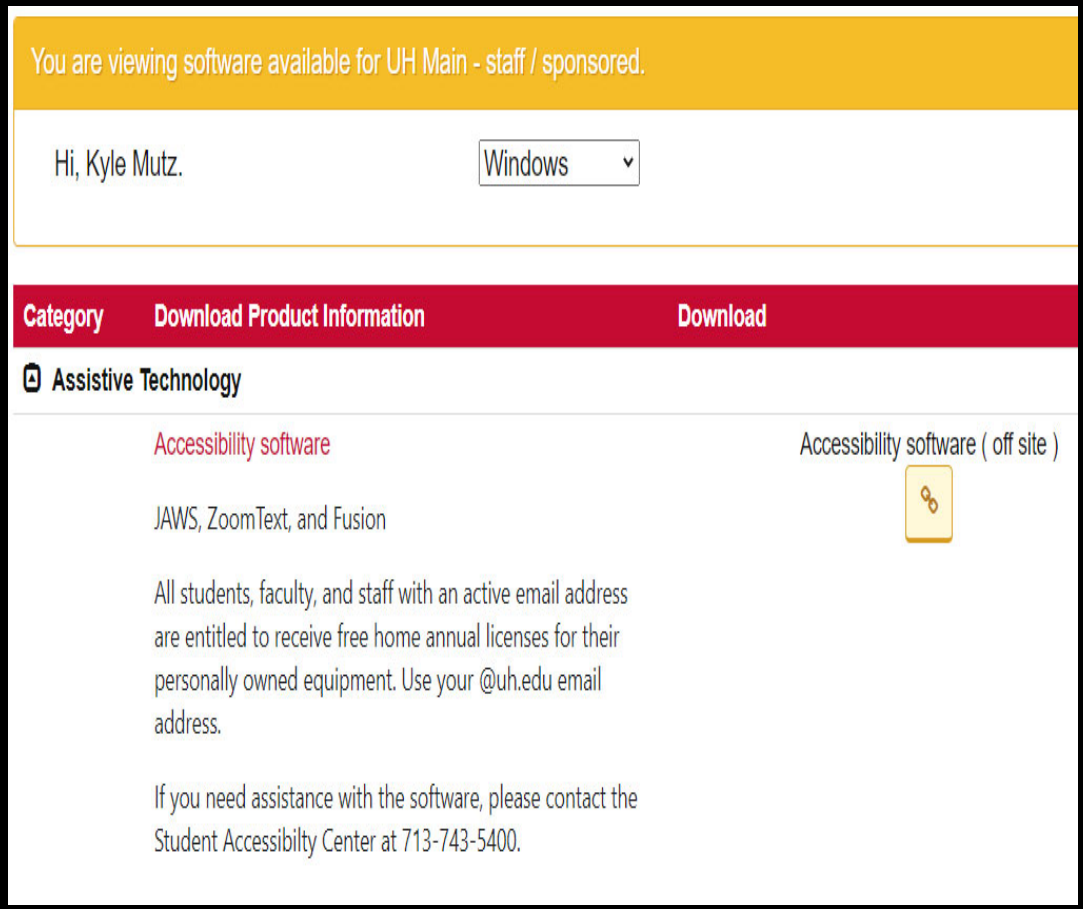


content by Dr. Burgstahler –UW Do-IT

- **Braille embosser** that can print braille using a software called Duxbury, and using tactical view of the braille embosser can also print graphs
- **Thermal Printing** – use to provide 3D printed materials, tactile graphs, for individuals with low-vision and blindness
- **Portable closed circuit television (CCTV)** with optical character recognition software called magnilink which provides magnification of text and objects for individuals with low-vision.
- Dragon Natural Speaking Software
- One on one training for Assistive Technology

Campus Wide Access to Assistive Technology

- Any UH Faculty, staff, and student with a UH email address can download assistive technology for free
- Helps address cost for our students
- Creates more universal access across campus
- Connects people without disabilities to better understand the value this technology brings

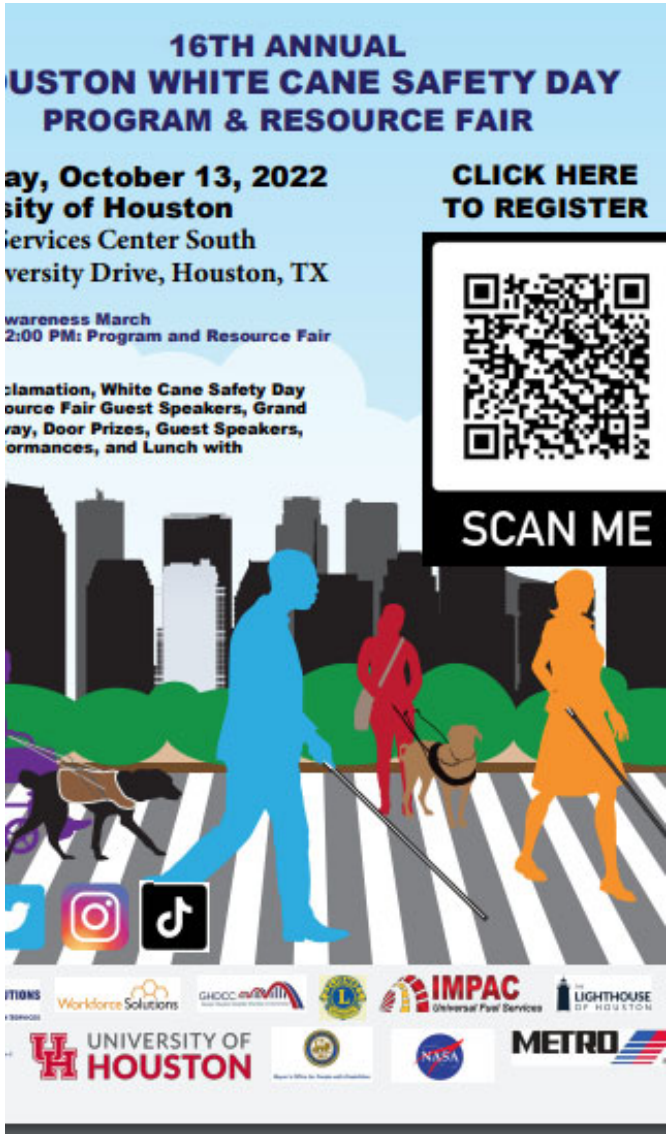


Culture of Access

- Dart Attended close to 52 New Student Orientations this past Summer!
- Marketing to all new incoming students
- Since October 4th 2021 have conducted or participated in over 30 workshops or presentations to provide disability awareness

Suva Gomes (right) with interim Vice President for Student Affairs and Enrollment Services Daniel Maxwell.

The event was attended by 40 colleagues from across the UH System. The focus of this year's program was collaboration and connecting – highlighting the important role of auxiliary services is impacting the student experience and helping to make connections between auxiliary services professionals and student affairs programs and services.


16TH ANNUAL
USTON WHITE CANE SAFETY DAY
PROGRAM & RESOURCE FAIR
ay, October 13, 2022
sity of Houston
ervices Center South
versity Drive, Houston, TX
wareness March
2:00 PM: Program and Resource Fair
clamation, White Cane Safety Day
ource Fair Guest Speakers, Grand
ay, Door Prizes, Guest Speakers,
ormances, and Lunch with
CLICK HERE
TO REGISTER
SCAN ME
Workforce Solutions
IMPACT
LIGHTHOUSE
UNIVERSITY OF HOUSTON
METRO

FOR:
HIGH SCHOOL STUDENTS TRANSITIONING TO COLLEGE
RESOURCES
Meet representatives from the University of Houston System and local community colleges to learn more about the resources and services available to you at regional post-secondary education institutions.
Hosted by the University of Houston Justin Dart, Jr. Student Accessibility Center.
April 20, 2022
9 A.M. TO 2:30 P.M.
4455 University Dr., Houston
Lunch will be provided.
Register now at :
uh.edu/accessibility/about/transition
University of Houston Clear Lake
UHV
UNIVERSITY OF HOUSTON - VICTORIA

Friday, August 26th
9am-11:30am
RSVP through MS Forms
https://forms.office.com/r/8ybdiXk4P1
or scan here!
Breakfast Tacos (Brisket, Bacon, Honey Ham, Sausage, Vegetarian, or Vegan Bowl)
Ciabatta Sandwiches (Bacon, Honey Ham, Sausage, Vegetarian)
Gluten-Free Sandwiches (Bacon, Honey Ham, Sausage, Vegetarian)
All boxes also contain a fruit cup, and we'll

2022 DISABILITY EMPLOYMENT SYMPOSIUM
MONDAY, OCTOBER 31ST 10 AM - 3 PM
THE UNIVERSITY OF HOUSTON - MAIN CAMPUS
STUDENT CENTER SOUTH, 4455 UNIVERSITY DR. HOUSTON, TX 77204
People with disabilities are in search of immediate employment opportunities.
Meet with candidates who are ready for an opportunity to showcase their abilities!
Attend the 2022 Disability Employment Symposium and recruit qualified talent to fill your openings!
Scan QR Code to Register or Visit
https://wrkjobfair103122.eventbrite.com

2022 White Cane Safety Day October 13, 2022

- 1st time in over 10 years back at UH
- Over 400 people attended
- United many communities and provided educational awareness.
- Encourages independence and equality

Dart Center Lobby

- Celebrates UH diversity
- Honors Justin Dart Jr.
- Welcoming
- Represents different parts of disability community

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Division of Student Affairs

HI!
We're so glad you're here!
"There is nothing I have achieved, and no addiction I have overcome,
without the love and support of specific individuals who reached out to
empower me...
There is nothing I have accomplished without reaching out to
empower others."

HOUSTON
EXIT

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Supporting a Culture of Access and Inclusion

- *Engage with all people respectfully*
- *People access information and navigate the world differently*
- *People with disabilities are people first not their medical or health condition*
- *Encourage and advocate for inclusive environments*
- *Check your websites, content, documents, and media for accessibility*
- *Research and seek out what others have done to support access*
- *People communicate and navigate the world uniquely*
- *Involve people with disabilities in planning*

Be creative and find
a way to support
someone!

Dart Center Staff

4-ORGING
INTO THE FUTURE

CONTACT US

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Division of Student Affairs

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