



# OmniUpdate Training Tuesday

## Accessibility in 2018



Presented By:  
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Sales Engineer

Zoom Event # **412-317-898**

Audio will be heard on your computer speakers.

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Enter event number and attendee ID  
or press # if no attendee ID.

Webcast will start at the top of the hour.



# AGENDA

- 5 W's of Accessibility
- New Accessibility Guidelines
- Guidelines in Plain English
- Remediation on existing sites/pages



Let's Take a Look!



# 5 W's of Accessibility

- Why?
- What?
- Who is responsible?
- When?
- Where?



# New A11y Guidelines

- WCAG 2 is almost a decade old. Imagine that in digital years!
- WCAG 2.1 (Mayish 2018)
- Focuses on 3 areas
  - Mobile
  - Low Vision
  - Cognitive Disabilities
- Backward compatible



# Plain English - Orientation

- The never ending steering wheel interface.
- Make sure functionality/features/content are available in both landscape and portrait mode.
- Devices mounted



# Plain English – Identify Input Purpose

- Labeling common input fields
- Help people with cognitive disabilities understand and use input fields.
- Future proof automatic loading of symbols to identify common inputs.



## Plain English – Reflow

- Should I use horizontal scrolling? The answer is always....NO!
- Low vision users need to zoom screen. This increases horizontal scrolling 40 – 100 times.
- Scrolling for days!





# Plain English – Non-Text Contrast

- Can I use this black icon on a black background?
- Extend current color contrast guidelines to include graphics.



# Plain English – Text Spacing

- What is that word? Let me zoom in to read it.
- Low vision users have the ability to override spacing and line height.



# Plain English – Hover or Focus Content

- Peek-a-boo content / hide-and-seek content
- Low Vision / Mobile Users



# Plain English – Pointer Gestures

- Index finger on the left, pinky on the bottom, ring finger in the middle
- No complex hand gestures to accomplish tasks.



# Plain English – Pointer Cancellation

- I didn't mean to touch that button.
- Inadvertently touching items/areas launches an action/event.



# Plain English – Character Key Shortcuts

- Stop! Stop! Alexa/Siri/ Whoever is listening.....
- Text-to-speech users inadvertently triggering some functionality based on a shortcut.



# Plain English – Motion Actuation

- Dance to activate x feature
- Cannot activate by tilt or shake because device may be attached or mounted.



# Plain English – Status Message

- Hello?!? Click, click, click
- Status, success, failure messages are sometimes hard to see or find.





# Plain English – WCAG 2.1 AAA

- 5 more proposed guidelines that fall under AAA
  - Identify Purpose
  - Timeouts
  - Animations from Interactions
  - Target Size
  - Concurrent Input Mechanisms



# Plain English – WCAG 2.1 Enforcement

- May be years before it is required.
- EU is likely to make it a requirement in 2019.
- Future proof now!

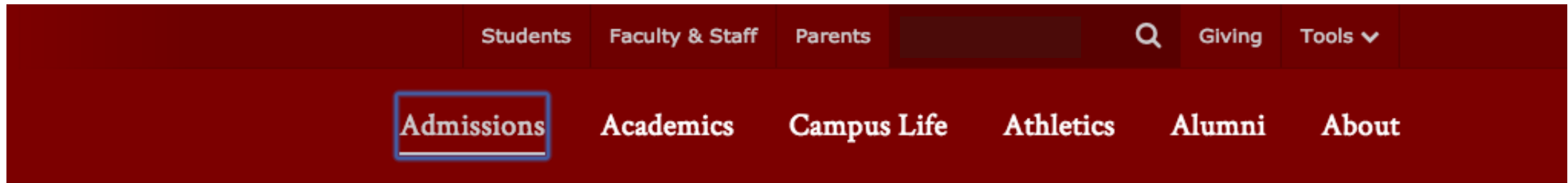


# Accessibility Remediation

- Template Level
- Page Level




# Navigation






# Skip Content

[SKIP TO CONTENT](#)

SEARCH 

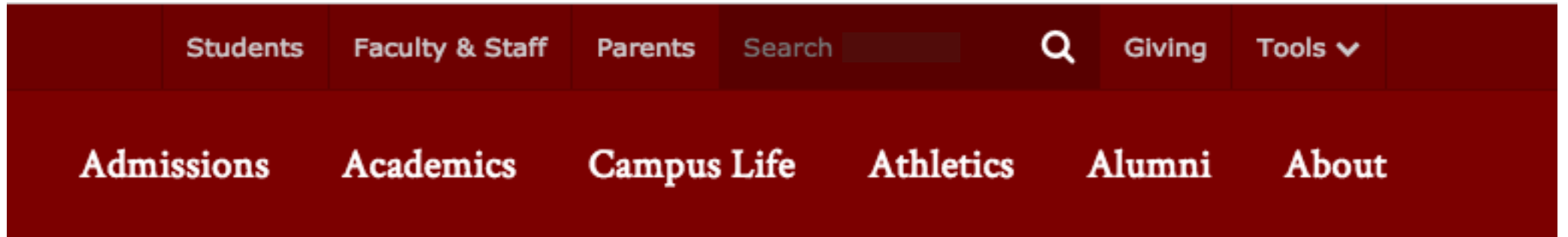
QUICK READ 

WHY DONATE ?

DONATE



# Form Labels





# Color Contrast

## High vs. Low Contrast



CoSchedule



The screenshot shows the Gallena University website. At the top, there is a search bar with the text "Search the site..." and a "Go" button. Below the search bar is the Gallena University logo and name. To the right of the logo, there are links for "Calendar", "Directory", and "A-Z". Further right, there is a phone icon with the text "Call us today (818) 555-9401" and an email icon with the text "info@gallenauniversity.com". Below this is a navigation menu with links for "ABOUT", "ACADEMICS", "ADMISSIONS", "ATHLETICS", "CAMPUS LIFE", and "NEWS". The main content area is titled "Undergraduate Students" and has a breadcrumb trail: "GALLENA UNIVERSITY > ADMISSIONS > UNDERGRADUATE". On the left side, there is a sidebar menu with the following items: "Admissions", "Undergraduate Students" (highlighted), "Graduate Students", "Transfer Students", "TrueCost Calculator", and "Request Information". The main content area is titled "Undergraduate Requirements" and contains the following text: "Admission to all majors at Gallena University is competitive. Freshmen applicants must meet minimum GU eligibility requirements below to be considered." Below this is a section titled "To apply, you will need:" followed by a bulleted list: "• To have graduated from high school or earned a GED. Successful completion of some college coursework is also strongly suggested prior to entering, but not required.", "• Sufficient writing ability. You will be asked to write an essay that demonstrates your ability to write clearly, use proper grammar, and organize your writing into correct compositional expression.", and "• ACT or SAT scores". Below the list is a section titled "How to Apply to the Program" followed by a numbered list: "1. Complete the online application", "2. Provide official transcripts", "3. Provide a letter of recommendation", and "4. Submit an essay".





# Form Labels



Lets begin by creating an account for you.

EMAIL ADDRESS

abc@132.com

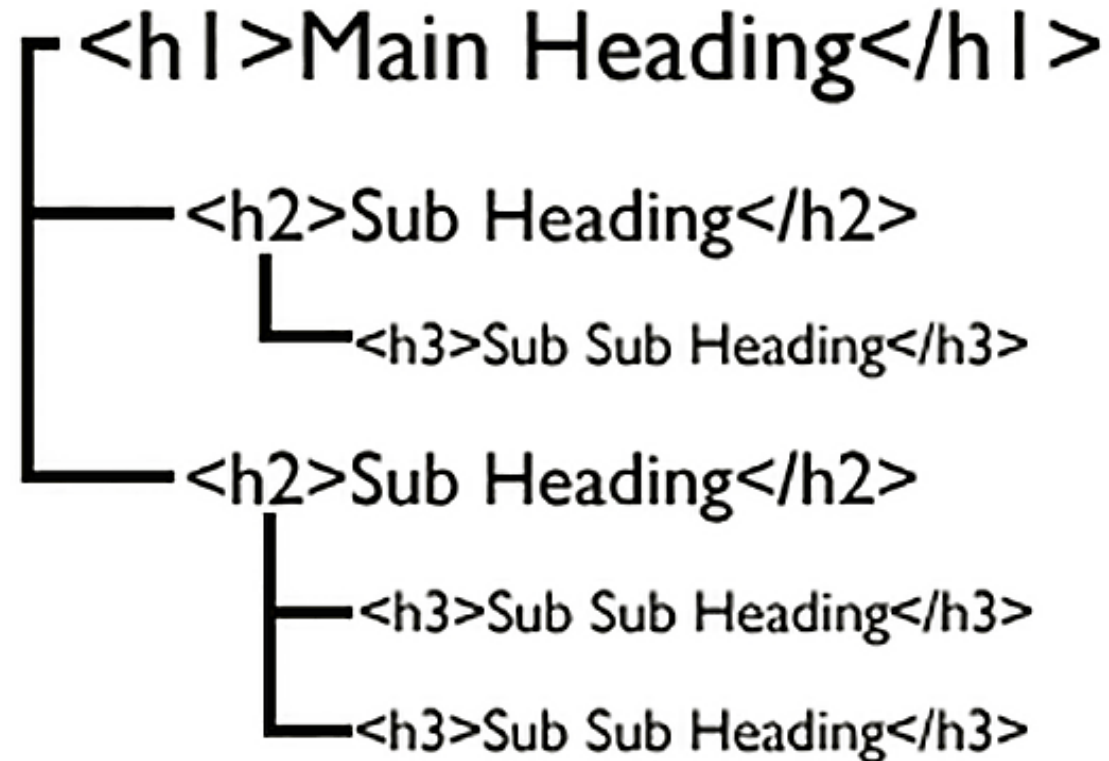
PASSWORD

CONFIRM PASSWORD

NEXT STEP



# Header Nesting





# Alt Text on Images

Pretty campus building

Vs

School of Business  
building which houses the  
departments of....





# Proper HTML Code

`<b>`

`<i>`

`<font>`



# Empty Links

```
<a href="#"></a>
```



# Unique IDs

```
<div id="maincontent">  
  <span id="maincontent">Page Heading</span>  
  <p id="maincontent">Lorem ipsum dolor sit  
amet, consectetur adipiscing elit.  
</p>  
</div>
```



# Accessibility Toolkit

- Page Check
- Final Check
- OU Insights



# Accessibility Toolkit – External Tools

- Chrome Dev Tools
- Wave Plugin
- NoCoffee Plugin – Visual Simulator
- Chrome Vox
- iOS Voice Over, Android Talkback
- <https://a11yproject.com/>
- <http://www.a11ymatters.com/>





# NEXT TRAINING TUESDAY

Next month's Training Tuesday will be held on **JUNE 26<sup>TH</sup>**.

We'll be covering the topic of **Social Media Meta Tags**.

Be sure to visit the OCN or Support Site  
for further details!

<http://ocn.omniupdate.com>

<http://support.omniupdate.com>



Thank you!