# **UX Foundations: Multidevice Design**

with Diane Cronenwett



## Chapter 1

#### Responsive Design

A List Apart — 2010 Article by Ethan Marcotte

http://alistapart.com/article/responsive-web-design

#### **Native Apps**

Apple Human Interface Guidelines — iOS Design Themes https://developer.apple.com/ios/human-interface-guidelines/overview/themes

Material Design Guidelines

https://material.io/guidelines

Windows Design Guidelines

https://developer.microsoft.com/en-us/windows/apps/design

Material Design Guidelines — Layout — Units and Measurements: Density-Independent Pixels (dp) https://material.io/guidelines/layout/units-measurements.html#units-measurements-density-independent-pixels-dp

Apple Human Interface Guidelines - TV Page Controls

https://developer.apple.com/tvos/human-interface-guidelines/interface-elements/page-controls

Apple Human Interface Guidelines — iOS Page Controls

https://developer.apple.com/ios/human-interface-guidelines/controls/page-controls

#### **Multiscreen Considerations**

Material Design Guidelines — Device Metrics https://material.io/devices Apple Human Interface Guidelines — iOS Image Size and Resolution https://developer.apple.com/ios/human-interface-guidelines/icons-and-images/image-size-and-resolution

Apple Human Interface Guidelines — Complication Images

<a href="https://developer.apple.com/watchos/human-interface-guidelines/icons-and-images/complication-images">https://developer.apple.com/watchos/human-interface-guidelines/icons-and-images/complication-images</a>

### Chapter 2

#### **Designing Mobile and Tablet interfaces**

Material Design Guidelines — Usability — Accessibility: Style https://material.io/guidelines/usability/accessibility.html#accessibility-style

Apple Human Interface Guidelines — Gestures
<a href="https://developer.apple.com/ios/human-interface-guidelines/user-interaction/gestures">https://developer.apple.com/ios/human-interface-guidelines/user-interaction/gestures</a>

Material Design Guidelines — Patterns — Gestures: Touch Mechanics https://material.io/guidelines/patterns/gestures.html#gestures-touch-mechanics

#### **Designing for TV**

webOS TV Designer — Design Principles http://webostv.developer.lge.com/design/design-principles

AndroidTV — Design Principles: Designing for TV <a href="https://designguidelines.withgoogle.com/android-tv/design-principles/designing-for-tv.html#">https://designguidelines.withgoogle.com/android-tv/design-principles/designing-for-tv.html#</a>

Apple Human Interface Guidelines — tvOS Design Themes https://developer.apple.com/tvos/human-interface-guidelines/overview/themes

Windows Dev Center — Device primer for Universal Windows Platform (UWP) apps https://docs.microsoft.com/en-us/windows/uwp/design/devices

Samsung Develops — Design your app for Samsung Smart TV <a href="http://developer.samsung.com/tv/design">http://developer.samsung.com/tv/design</a>

### Chapter 4

#### **Bootstrap**

Bootstrap overview

https://getbootstrap.com/docs/4.0/layout/overview

#### **Foundation**

Zurb Foundation Website Showcase

https://zurb.com/responsive

Zurb Foundation Mobile Grid

https://foundation.zurb.com/grid-3.html

#### **Material Design**

Material Design Platforms — Platform adaptation: When to adapt

https://material.io/guidelines/platforms/platform-adaptation.html#platform-adaptation-when-to-adapt

Material Design Resources — Layout templates: Desktop and Whiteframes

https://material.io/guidelines/resources/layout-templates.html#layout-templates-tablet

Material Design — Components

https://material.io/guidelines/components/bottom-navigation.html

### iOS Human Interface Guidelines

Apple Human Interface Guidelines — Navigation

https://developer.apple.com/ios/human-interface-guidelines/app-architecture/navigation

Apple Human Interface Guidelines — Gestures

https://developer.apple.com/ios/human-interface-guidelines/user-interaction/gestures

Apple Human Interface Guidelines — Buttons https://developer.apple.com/ios/human-interface-guidelines/controls/buttons

Apple Human Interface Guidelines — iOS Apps https://developer.apple.com/design/resources/#ios-apps