# Using Design and Information Architecture to Improve Awareness, Access & Enrollment in HIV Care Services

A CASE STUDY OF THE LAS VEGAS TGA WEBSITE REDESIGN



# Disclosures

Presenter(s) has no financial interest to disclose.

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PESG, HRSA, and LRG staff has no financial interest to disclose.

#### **WELCOME & INTRODUCTION**

Alisha Barrett, Director, Las Vegas TGA Part A program Daniel Truesdale, true design

#### **AGENDA**

- I. Learning Objectives
- II. Digital Presence
- **III.** Information Architecture
- IV. Design
- V. LVTGA Challenges
- VI. Redesign of LVTGA
- VII. Results/Outcomes
- VIII. How can others enhance /achieve a digital presence
- IX. Q/A



#### **LEARNING OBJECTIVES**

- Enhance understanding of the role a digital presence can play in creating and supporting the service delivery system for providers and people living with HIV
- Increase awareness of how graphic design, information architecture and its principles can impact outcomes along the HIV care continuum
- Provide tools, techniques including new media and existing best practices to improve the digital presence of the Ryan White HIV Programs













#### **DIGITAL LEXICON**

- Digital Presence
- Information Architecture
- Content Strategy
- Plain language
- Health literacy
- New media
- Responsive web design
- User experience



# DIGITAL PRESENCE

#### **DIGITAL PRESENCE BASICS**

- What is digital presence?
- Building blocks of a digital presence
- The importance of a digital presence
- What is a digital presence for Ryan White HIV/AIDS Programs?



#### WHAT IS A DIGITAL PRESENCE?

Your digital presence is the sum of all your online activities across web, mobile, social, and even large screen. In essence, it's your organization, business or program....just online. And having a good or bad digital presence can have material impact on your brand, your revenue, and, most importantly, your long term success.



#### **BUILDING BLOCKS OF A DIGITAL PRESENCE?**

- 1. Content
- 2. Strategy
- 3. Design/IA
- 4. Technology / Responsive



#### THE IMPORTANCE OF A DIGITAL PRESENCE FOR A RWHAP

- SUPPORTS Providers by publicly stating eligibility requirements making it easier for clients to access care, thus improving the client experience at Provider sites
- CONNECTS people with information and services. This includes connecting individuals with healthcare providers and people living with HIV with one another. New media can also connect the families, friends, and caregivers of people living with HIV ands AIDS to resources for their loved ones and themselves.
- COLLABORATES with other people—including those within your organization or community.
- CREATES new content, services, communities, and channels of communication that help you deliver information and services.
- EFFECTIVE management of chronic conditions
- IDENTIFIES populations & demographic
  - Unaware of status
  - Newly diagnosed
  - Those engaged in HIV care
  - Service providers
  - Planning council members
  - Caregivers
  - Major stakeholders in the community



#### THE IMPORTANCE OF A DIGITAL PRESENCE FOR A RWHAP

TABLE 1: AFRICAN AMERICANS AND LATINOS LEAD WHITES IN THEIR USE OF MOBILE DATA APPLICATIONS

	All adults	White, non-Hispanic	Black, non-Hispanic	Hispanic (English-speaking)
Own a cell phone	82%	80%	87%	87%
% of cell owners within each grou	p who do the following	on their phones		
Take a picture	76	75	76	83*
Send/receive text messages	72	68	79*	83*
Access the internet	38	33	46*	51*
Send/receive email	34	30	41*	47*
Play a game	34	29	51*	46*
Record a video	34	29	48*	45*
Play music	33	26	52*	49*
Send/receive instant messages	30	23	44*	49*
Use a social networking site	23	19	33*	36*
Watch a video	20	15	27*	33*
Post a photo or video online	15	13	20*	25*
Purchase a product	11	10	13	18
Use a status update service	10	8	13	15
Mean number of cell activities	4.3	3.8	5.4	5.8

Source: Pew Research Center's Internet & American Life Project, April 29 - May 30, 2010 Tracking Survey.

N= 2,252 adults 18 and older, including 1,917 cell phone users \*= statistically significant difference compared with whites

### WHAT IS A DIGITAL PRESENCE FOR RWHAP?

Information Architecture Design

# INFORMATION ARCHITECTURE





#### **INFORMATION ARCHITECTURE BASICS**

- What is Information Architecture
- Why a well thought out IA matters
- What you need to know



#### WHAT IS INFORMATION ARCHITECTURE

• The organization, search, and navigation systems that help people to complete tasks, find what they need, and understand what they've found.



#### WHY A WELL THOUGHT OUT IA MATTERS

- Build bridges between:
  - Users & Content
  - Strategy & Tactics
  - Units & Disciplines
  - Platforms & Channels
  - Research & Practice

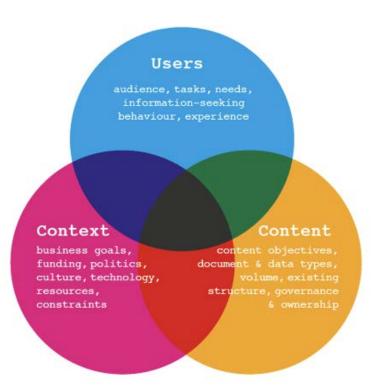


#### WHAT YOU NEED TO KNOW

- In order to be successful you need a diverse understanding of industry standards for creating, storing, accessing and presenting information.
  - Organization Schemes and Structures
  - Labeling Systems
  - Navigation Systems
  - Search Systems



#### WHAT YOU NEED TO KNOW



### **DESIGN AND YOUR DIGITAL PRESENCE**



#### **DESIGN BASICS**

- Basic Elements of Visual Design
- Principals of Visual Design
- Why Visual Design Works



### **BASIC ELEMENTS OF VISUAL DESIGN**

- Color palette choices and combinations
- Typography
- Your organizations brand

#### PRINCIPLES FOR CREATING A VISUAL DESIGN

A successful visual design applies the following principles to elements noted above and effectively brings them together in a way that makes sense. When trying to figure out how to use the basic elements consider:

**Unity** has to do with all elements on a page visually or conceptually appearing to belong together. Visual design must strike a balance between unity and variety to avoid a dull or overwhelming design.

**Gestalt**, in visual design, helps users perceive the overall design as opposed to individual elements. If the design elements are arranged properly, the Gestalt of the overall design will be very clear.

**Space** is "defined when something is placed in it", according to Alex White in his book, *The Elements of Graphic Design*. Incorporating space into a design helps reduce noise, increase readability, and/or create illusion. White space is an important part of your layout strategy.

**Hierarchy** shows the difference in significance between items. Designers often create hierarchies through different font sizes, colors, and placement on the page. Usually, items at the top are perceived as most important.



#### PRINCIPLES FOR CREATING A VISUAL DESIGN

**Balance** creates the perception that there is equal distribution. This does not always imply that there is symmetry.

**Contrast** focuses on making items stand out by emphasizing differences in size, color, direction, and other characteristics.

**Scale** identifies a range of sizes; it creates interest and depth by demonstrating how each item relates to each other based on size.

**Dominance** focuses on having one element as the focal point and others being subordinate. This is often done through scaling and contrasting based on size, color, position, shape, etc.

**Similarity** refers to creating continuity throughout a design without direct duplication. Similarity is used to make pieces work together over an interface and help users learn the interface quicker.

#### WHY VISUAL CONTENT WORKS

- Why is visual communication so powerful? It isn't just because of the pretty pictures;
   it's straight-up science. The brain absorbs and synthesizes visual information faster
   than any other stimuli, making visual content an incredibly effective medium.
- We are now in the age of visual information where visual content plays a role in every part of life. As 65 percent of the population is visual learners, images are clearly key to engaging people.
- With faster broadband, cellular networks, and high-resolution screens, high-quality images are playing a bigger part in visual design.

VISUAL CONTENT IS ONE OF THE MOST POWERFUL **WHY COMMUNICATION MEDIUMS. IT'S SIMPLE: OUR BRAINS PROCESS VISUALS MORE EFFICIENTLY OUR BRAINS** THAN TEXT ALONE, WHICH MAKES VISUAL CONTENT MORE INTERESTING, ENGAGING AND EFFECTIVE LOVE **VISUAL CONTENT** 

## WHY IT WORKS

VISUAL CONTENT IS EFFECTIVE BECAUSE IT'S
THE TYPE OF COMMUNICATION OUR BRAINS
CRAVE



Time is takes for our brains to process visual cues:



Average user attention span:

1/4 second

8 seconds

# **HOW IT WORKS**

CRAFTED WITH INTENT, UNDERSTANDING AND A SOLID FRAMEWORK, VISUAL CONTENT SUCCEEDS IN THREE CORE AREAS OF VALUE: APPEAL, COMPREHENSION AND RETENTION.



COMPREHENSION

RETENTION

#### **APPEAL**

Visually engaging content is more attractive. Well-designed information piques interest before information is actually processed.

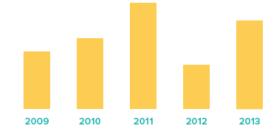
#### **VIEWER ATTENTION SPAN**



Black-and-white images 2/3 second



Color images 2+ seconds



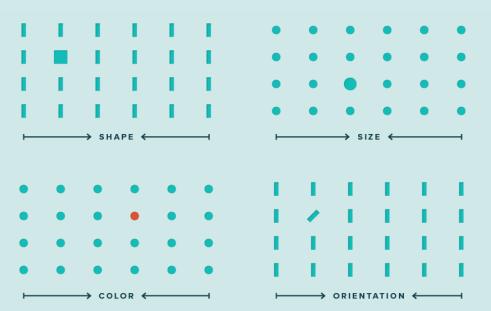


According to a University of Saskatchewan study, participants who viewed a visually embellished chart found it more attractive and more memorable than a plain chart.

#### **COMPREHENSION**

Our brains are pre-wired to automatically interpret relationships between objects, allowing for almost instant comprehension with minimal effort.

Notice how quickly your eye finds variations in these attributes!



The brain also interprets visuals faster than it can process the language associated with them.

Which sign below is easier to process?







#### **RETENTION**

Our visual system is able to make rapid connections to already-stored information in our memories, helping cement concepts in our brains.

Design devices facilitate this connection and retention



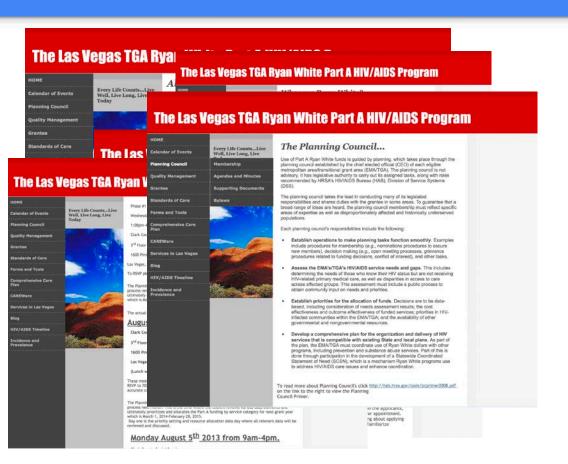


DECORATIVE FRAMING



SYMBOLS AND ICONOGRAPHY





It looks like an amateur created the website; it is not eye catching...



#### The Las Vegas TGA Ryan White Part A HIV/AIDS Program



#### About Us...

The Ryan White HIV/AIDS Program, the largest Federal program focused exclusively on HIV/AIDS care, addresses the unmet health needs of persons living with HIV/AIDS (PR.WHAI) by funding primary health care and support services that enhance access to and retention in care. First enacted by Congress in 1990, it has been amended and reauthorized three times: in 1996, 2000, and 2006. The most recent reauthorization retitled the legislation as the Ryan White HIV/AIDS Treatment Modernization Act of 2006.

Like many health problems, HIV/AIDS disproportionately strikes people in poverty, racial/fethic populations, and others who are underserved by healthcare and prevention systems. HIV/AIDS often leads to poverty due to costly healthcare or an inability to work that is often accompanied by a loss of employer-related health insurance. Ryan White-funded programs are the "payer of last resort." They fill gaps in care not covered by other resources. Most likely users of Ryan White services include people with no other source of healthcare and those with Medicaid or private insurance whose care needs are not being fully met.

Ryan White services are intended to reduce the use of more costly inpatient care, increase access to care for underserved populations, and improve the quality of life for those affected by the epidemic. Ryan White works toward these goals by funding local and State programs that provide core medicals services and support services; healthcare provider training; and technical assistance to help funded programs address implementation and emerging HIV care issuing.

Ryan White provides for significant local and State control of HIV/AIDS healthcare planning and service delivery. This has led to many innovative and practical approaches to the delivery of care for PLWHA.

The Health Resources and Services Administration's (HRSA) HIV/AIDS Bureau (HAB) has lead responsibility for implementing the program. HRSA is an agency of the U.S. Department of Health and Human Services (HRS), HRSA/HAB provides funded programs with ongoing policy guidance (including Guiding Principles to address evolving challenges in HIV care) and technical assistance to enhance their operations.

We are currently recruiting for a Program Management Analyst I/II in the

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- Global Elements
- Navigation
- Footer
- Homepage
- Calendar
- Agendas & Minutes

### **HOW WE CREATED LVTGA'S NEW DIGITAL PRESENCE**

#### WHAT OUTCOMES HAS LVTGA EXPERIENCED?

- Alignment of Parts A & B
- Provider satisfaction
- People in care
- Health & medical literacy





#### **WORKING WITH DESIGNERS**

- Overview | Client Information
- Current Site | Domain Information
- Target Audience | Community
- Website Design, Image and Style
- Website Content, Features and Management
- Functionality
- Other Websites and Competition
- Technical Requirements
- Promotion

#### **ONLINE RESOURCES**

#### **WEBSITES**

www.aids.gov www.usability.gov www.careacttarget.org www.HHS.gov www.access-board.gov www.socialmediatoday.com www.kff.org/hivaids/



### **VISUAL CONTENT RESOURCES**

**Photo sharing sites** 

Royalty-free stock art sites

#### **QUESTIONS / FORUM**

**Alisha Barrett, Director of Part A LVTGA** 



# **Obtaining CME/CE Credit**

If you would like to receive continuing education credit for this activity, please visit:

http://ryanwhite.cds.pesgce.com