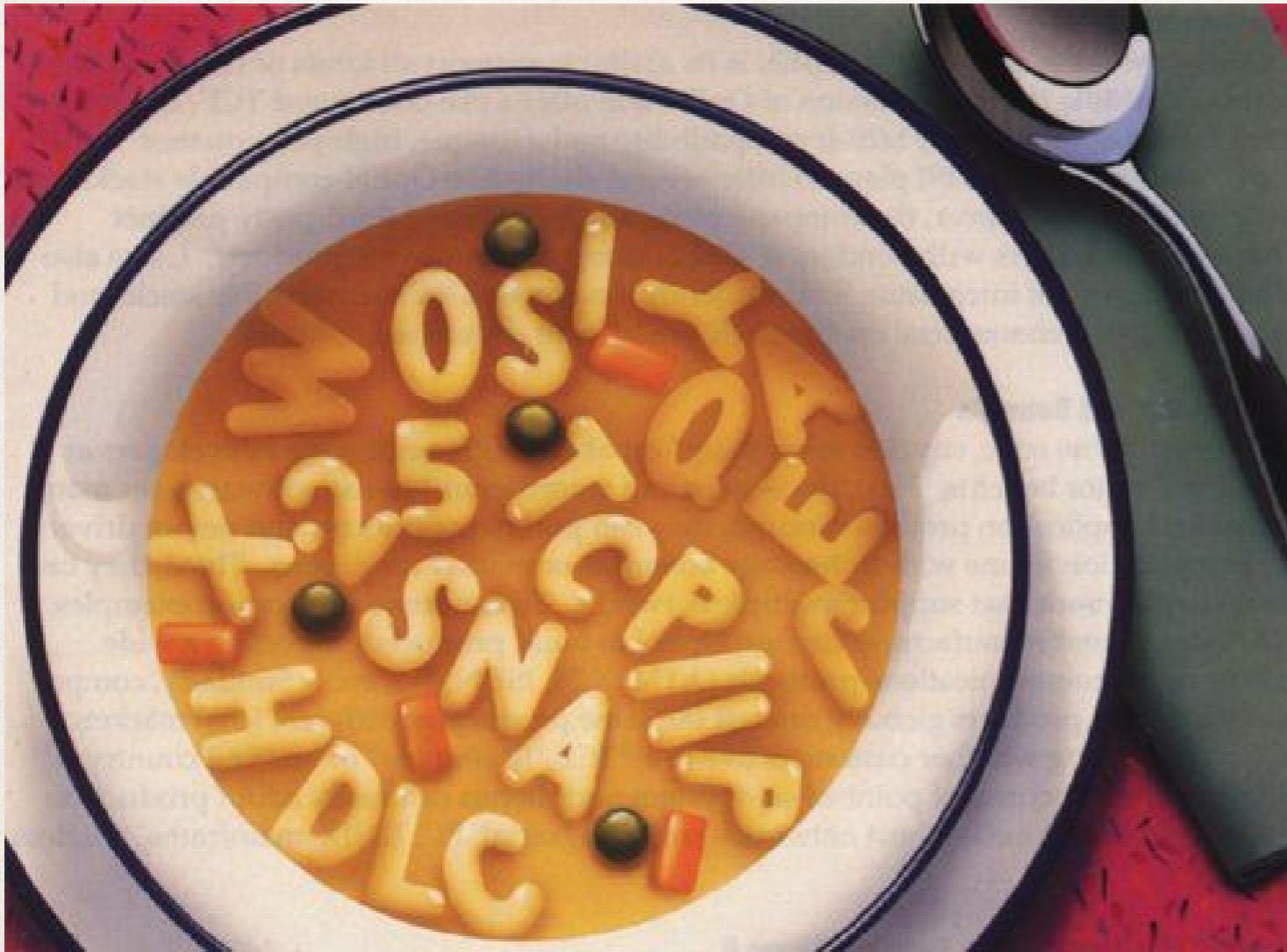


# Introduction to coding and news development: MM/Interactive examples



HTML CSS JS PHP SQL JSON...

Prof. Peggy Bustamante [ANN 310E]  
[pbustamante.usc@gmail.com](mailto:pbustamante.usc@gmail.com) |@newsdevchix

The variety is staggering  
... and inspiring

---

## Game-by-game statistics

YARDS

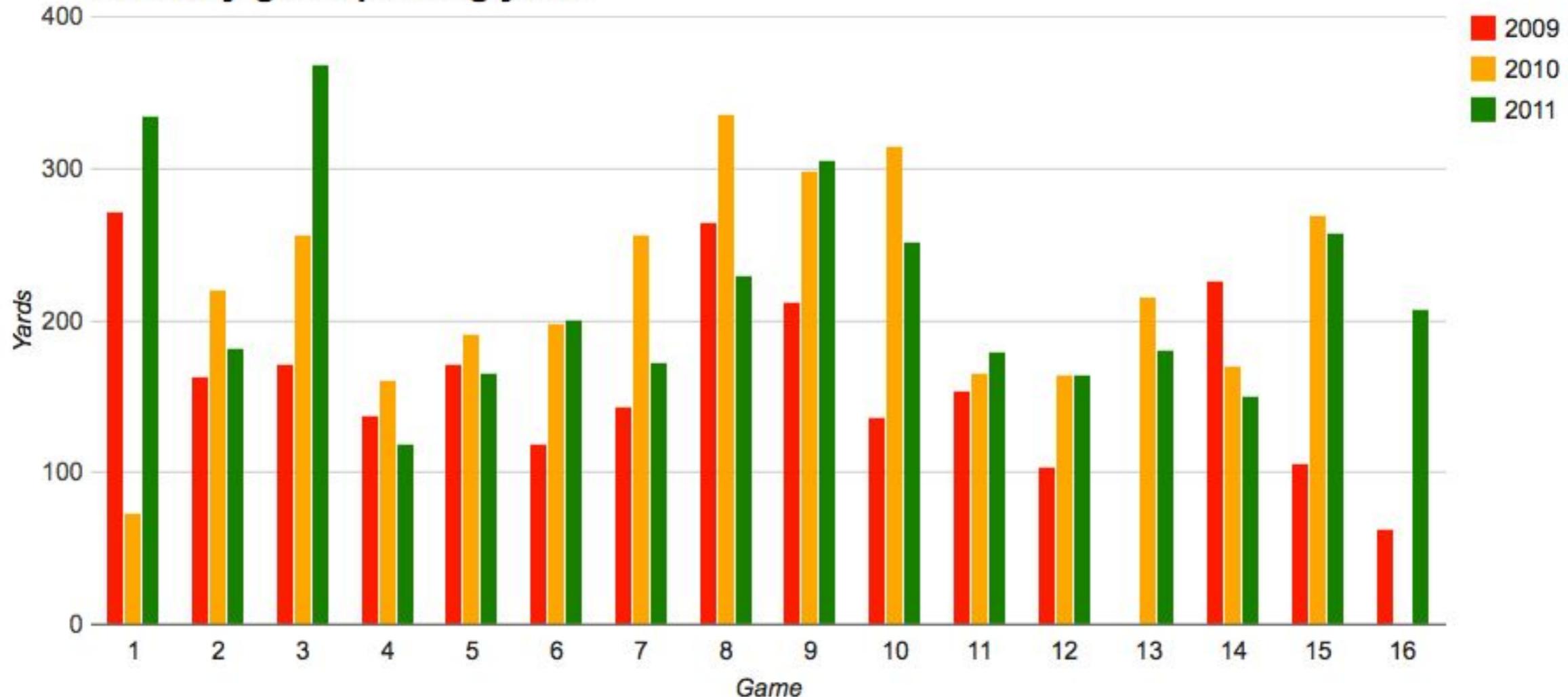
COMP %

TD

INT

RATING

### Game-by-game passing yards



# Graphs:

<http://longisland.newsday.com/sports/football/jets/mark-sanchez/>

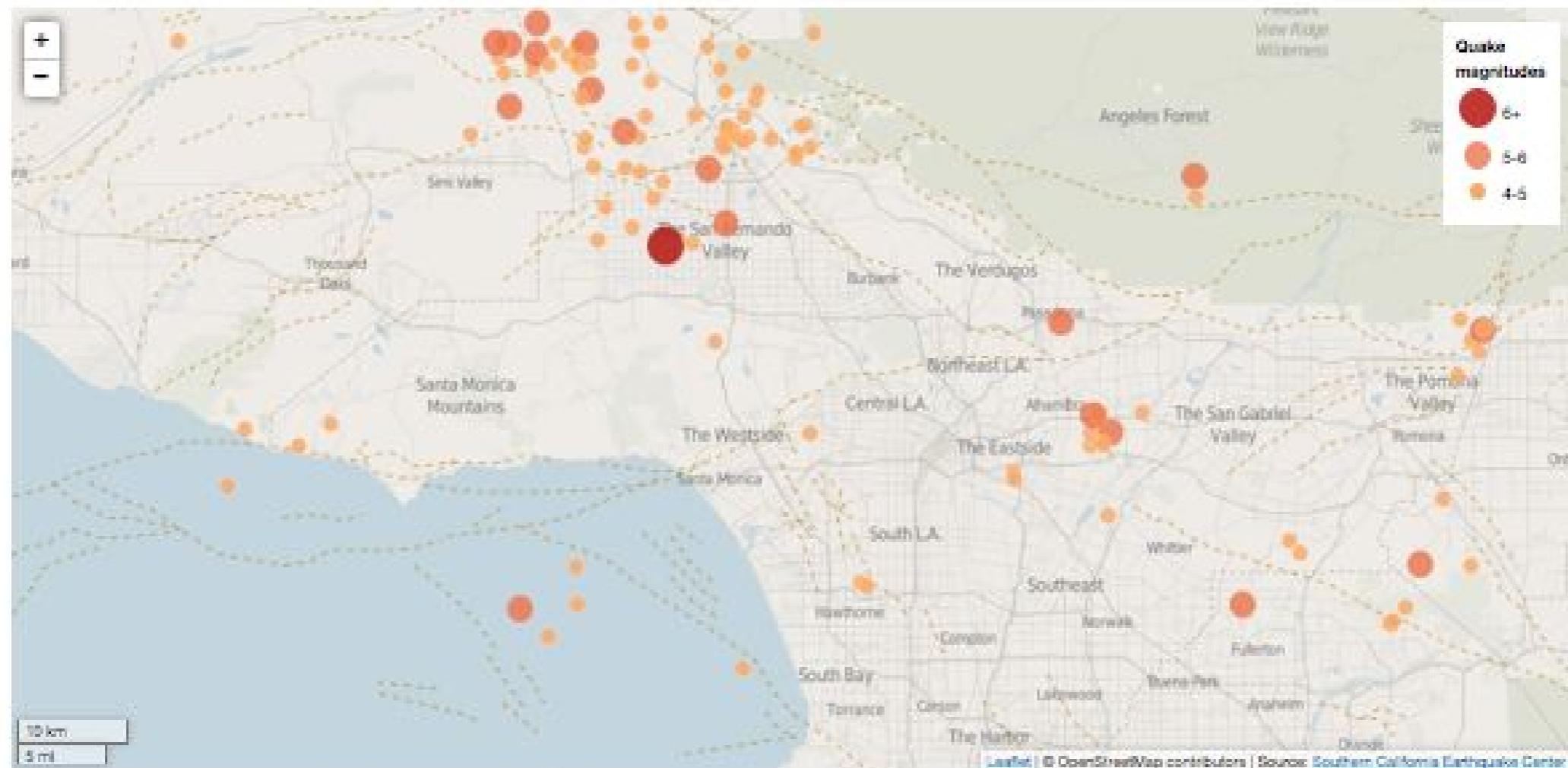
# Large earthquakes in the Los Angeles area

[Tweet](#)[Recommend](#)[Share](#)

The greater Los Angeles area has seen more than 100 earthquakes with a magnitude of 4 or higher since 1973. Click to explore.

Note: An earlier version of this map used inexact U.S. Geological Survey data. It has been updated with authoritative data from the Southern California Earthquake Center.

Last updated: Mar 29 2014, 3:00 p.m.



# Maps

L.A. Times map of large earthquakes in Los Angeles

<http://graphics.latimes.com/responsivemap-large-earthquakes-los-angeles-area/>

**Newsday** is checking out some of LI's best tattoos. Show us your #LItattoos!

Long Island | Sports | Entertainment | News | Lifestyle | Business | Health | Opinion | Jobs | Cars | Homes | Classifieds

Yankees | Mets | Giants | Jets | Islanders | Rangers | Knicks | Nets | Scores | Columns | High school | Colleges | Blogs

## Alex Rodriguez

Tweet | Like | Share | 0

Alex Rodriguez is within reach of Willie Mays for fourth place on MLB's all-time home run list. Explore the history of A-Rod's home runs as we track his pursuit of 660 in 2012 and beyond.

Search for a specific home run number or pitcher | Search

Advanced search

Weekday	Month	Date	Year
Opponent	Stadium	Inning	Pitch count

*A-Rod's HOME RUN LIST*

# Tables:

Newsday's database  
of A-Rod's home runs

Top opponents		Top stadiums		Top pitchers		Top score		Top pitch count	
Los Angeles Angels	70	Yankee Stadium (old)	124	Bartolo Colon	8	ahead	250	0-0	108
Baltimore Orioles	59	Rangers Ballpark	98	David Wells	8	go-ahead	207	0-1	74
Toronto Blue Jays	54	Kingdome	60	Ramon Ortiz	8	behind	129	1-0	68
Boston Red Sox	52	Yankee Stadium (new)	50	Tim Wakefield	8	tying	52	1-1	65
Kansas City Royals	48	Safeco Field	40	Jarrod Washburn	7	walk-off	9	3-2	59
<a href="#">View full list »</a>		<a href="#">View full list »</a>		<a href="#">View full list »</a>		<a href="#">View full list »</a>		<a href="#">View full list »</a>	
Showing 1-50 Of 647 Records									
HR	Weekday	Month	Date	Year	Team	Opponent	Stadium	Pitcher	Score
647	Friday	September	14th	2012	Yankees	Tampa Bay Rays	Yankee Stadium (new)	Joel Peralta	behind 8th 1 0-0 2 3 3B
646	Saturday	September	8th	2012	Yankees	Baltimore Orioles	Camden Yards	Pedro Strop	behind 8th 2 0-0 1 4 DH
645	Friday	September	7th	2012	Yankees	Baltimore Orioles	Camden Yards	Wei-Yin Chen	ahead 5th 2 1-2 2 4 DH
644	Monday	July	23rd	2012	Yankees	Seattle Mariners	Safeco Field	Steve Delabar	ahead 8th - 1-1 1 3 3B
643	Sunday	July	15th	2012	Yankees	Los Angeles Angels	Yankee Stadium (new)	Jered Weaver	tying 1st 1 0-1 2 3 3B
642	Tuesday	June	26th	2012	Yankees	Cleveland Indians	Yankee Stadium (new)	Tony Sipp	ahead 7th 1 2-1 1 3 3B
641	Friday	June	22nd	2012	Yankees	Mets	Citi Field	Jon Niese	behind 6th 1 1-1 1 4 3B

<http://longisland.newsday.com/sports/baseball/yankees/alex-rodriguez-home-runs/>



MASS KILLINGS  
HAPPEN ABOUT EVERY  
TWO WEEKS

ABOUT THIS PHOTO



# Interactive projects

USA Today's interactive data project on mass killings

<http://usatoday30.usatoday.com/news/nation/mass-killings/index.html>

**nytnow**  
From The New York TimesINTRODUCING NYT NOW.  
A NEW BENEFIT FREE TO SUBSCRIBERS.

December 21, 2013

[FACEBOOK](#) [TWITTER](#) [GOOGLE+](#) [EMAIL](#)

# Quizzes and games

[NY Times dialect map](#)

## How Y'all, Youse and You Guys Talk

What does the way you speak say about where you're from?  
Answer all the questions below to see your personal dialect map.

QUESTION 1 OF 25

How would you address a group of two or more people?

- you all
- you / youse
- you lot
- you guys
- you 'uns
- yinz
- you
- other
- y'all

[Next >](#)

### About This Quiz

Most of the questions used in this quiz are based on those in the Harvard Dialect Survey, a linguistics project begun in 2002 by Bert Vaux and Scott Golder. The original questions and results for that survey can be found on Dr. Vaux's current website.

<http://www.nytimes.com/interactive/2013/12/20/sunday-review/dialect-quiz-map.html>

The data for the map and maps shown here come from over 350,000 survey responses collected from August to October 2013 by Josh Katz, a graphics editor for the New York Times.

# Quizzes and games

DFM's enormously successful Bracket Advisor

<http://www.bracketadvisor.com/>

## BRACKET ADVISOR

News • Sports • Business • Entertainment • Lifestyle • Obituaries • Opinion • Politics

Bracket Advisor helps compare how any two teams in the 2014 NCAA men's basketball tournament might fare against each other. Choose two teams, arrange the stats at left if you like, and click the "go" button. Looking for a bracket to make your picks? Go here: [Interactive Bracket](#)

MORE IMPORTANT

SEED

RPI

WIN PERCENTAGE

SCORING MARGIN

REBOUND MARGIN

TURNOVERS PER GAME

AUTO / AT-LARGE

CONFERENCE

LESS IMPORTANT

[Select all](#) [Reset](#)

 Share this matchup

SELECT TEAMS

Louisville (4)

VS

Harvard (12)

GO



LOUISVILLE

AAC  
29-5



HARVARD

Ivy League  
26-4

Seed	4
RPI	21
Win percentage	85.2%
Scoring margin	+21.3
Rebound margin	+3.2
Turnovers/game	10.5
Auto berth	

Seed	12
RPI	50
Win percentage	86.8%
Scoring margin	+13.1
Rebound margin	+3
Turnovers / game	11.4
Auto berth	

58% win probability

42% win probability

Embed this



Follow us on Twitter @BracketAdvisor

### Most viewed matchups

1. GWash vs. Memphis
2. Duke vs. Michigan
3. UConn vs. St. Joseph's
4. Arizona St. vs. Texas
5. Cincinnati vs. Harvard

### Most used teams

1. Florida
2. Arizona
3. Wichita St.
4. Villanova
5. Wisconsin
6. Virginia
7. Duke
8. Louisville
9. Creighton
10. Kansas

# A wide range of topics

---

# from features...

DFM's Oscar voting ballot

<http://data.digitalfirstmedia.com/oscarballot14>

That's a wrap for Oscars 2014! View the winners below, highlighted in gold, and compare them to the nominees our voters picked.

All categories

Select a category ▾

Next category

## NOMINEES FOR: Best Picture

After a win at the Golden Globes, "12 Years A Slave" would appear to be a lock for Best Picture. If Alfonso Cuarón takes home Best Director, his "Gravity" might win this category as well. Then again, the critical attention for "Her" is something to consider.

Last year's winner: "Argo"



"American Hustle"

11%  
of users'  
votes



"Captain Phillips"

6%  
of users'  
votes



"Dallas Buyers Club"

25%  
of users'  
votes



"Gravity"

23%  
of users'  
votes



"Her"

6%  
of users'  
votes



"Nebraska"

6%  
of users'  
votes



"Philomena"

6%  
of users'



"12 Years a Slave"

6%  
of users'



"The Wolf of Wall  
Street"

11%  
of users'

# JOHN TAVARES REPORT CARD

How has John Tavares developed in his career with the Islanders? Newsday's Arthur Staple grades his work.



STAPLE'S GRADE: **A-**

## HEART / LEADERSHIP

He grew into more of a locker-room leader last year and became a Hart Trophy finalist not by trying to do it all, but by recognizing that his team needed to be better while he got better. He may be the second youngest captain in the NHL at 23, but he carries himself like a longtime leader.

## MAKE YOUR GRADE

- A
- B
- C
- D
- F

SUBMIT

# to sports...

Newsday's John Tavares interactive voting report card

<http://longisland.newsday.com/sports/hockey/islanders/john-tavares/>

# How Much Acetaminophen Are You Taking?

By Al Shaw, Lena Groeger and T. Christian Miller, ProPublica, September 20, 2013

Many common over-the-counter drugs contain acetaminophen. Taking more than one at the same time increases your chance of "double-dipping" -- accidentally overdosing. Use this tool to find out which of the drugs in your medicine cabinet contains acetaminophen -- and how much. This is not meant to be medical advice. Toxic levels vary by individual. Call your doctor if you think you've overdosed, even if you don't show medical symptoms.

Combining the daily maximum dose of common drugs can lead to an overdose.



## to the useful...

ProPublica's acetaminophen calculator

<http://projects.propublica.org/drug-labels/>

# Student projects

---

# CRIMEPRINTS

# LA CRIMEPRINTS

**THE NEIGHBORHOODS BEHIND  
LA's BLOODIEST CRIME SCENES**

THE TIMES

THE TIMES

**CLICK TO DECRYPT**

# L.A. Crimeprints

Evie Liu and Denise Guerra

<http://www.eviexing.com/lacrimeprints/index.html>

LAKE ELSINORE

CHANGE OVER

DOWNTOWN

A BRIEF HISTORY

TIME

TRAVEL DOWNTOWN

LAKE ELSINORE: THEN & NOW

MEET FRED

DOMINGUEZ

A Q&A WITH LAKE ELSINORE'S  
BARBER OF NEARLY SIX  
DECADES

ABOUT

LEARN MORE ABOUT THIS  
PROJECT

# Lake Elsinore History

## Lake Elsinore History

Daniella Segura

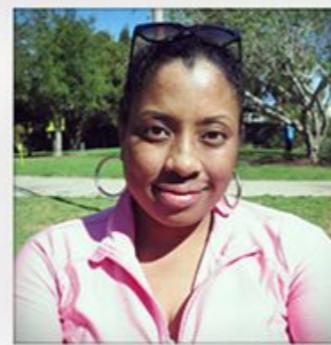
<http://daniellasegura.com/site/>



Shana Max - Researcher



John Posey - Screenwriter



Masha Dowell - Filmmaker



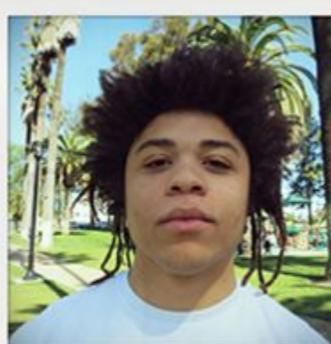
Igor Nicolas - Waiter



Zena Garcia - Retired



Chris Guerrero - Video Producer



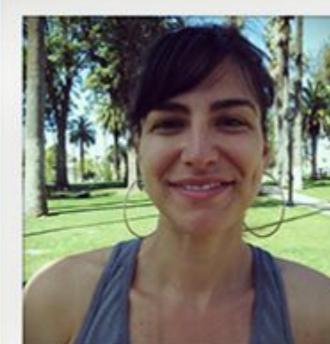
Sedrick Spillers - Musician



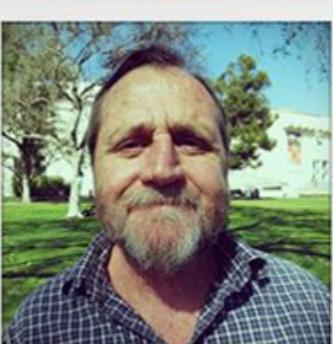
Adrian Akins - Preschool Teacher



Freddy Martinez - Mechanic



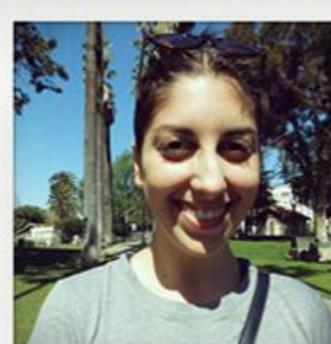
Lauren Hrehovcik - Set Director



David Shepard - Unemployed



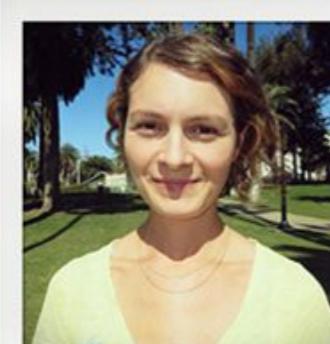
Roderich Diaz - Transportation Planner



Rachel Many - Art Director



Kyle Reed - Security Guard



Caiten Jenkins - Art Conservator

# Trails of Trash

Signe Larsen

<http://uscstoryspace.com/2014-2015/signekl/Capstone/la-trash-dilemma/>



# WATTS REVISITED

50 Years Ago,

Watts – along with most of South Los Angeles – erupted in racially charged upheaval. Thirty-four people were killed. Nearly 4,000 were arrested. Forty million dollars in property was damaged.



# Watts Revisited

Sinduja Rangarajan and Kevin Tsukii

<http://www.wattsrevisited.com/>



The Road to

# Hopscotch

an interactive exploration  
of Los Angeles' mobile opera

In the fall of 2015, the mobile opera, *Hopscotch*, came to the streets of Los Angeles.

*Hopscotch* was a mass collaboration of six librettists, six composers, and over 100 artists, musicians and contributors from all walks. Together this web of artists created a work of public art that revolutionized the way Los Angeles thinks of opera.

# The Road to Hopscotch

Corinne DeWitt

<http://www.corinnedewitt.com/>

# FLAG GAME!

By DESIREE DESARIO

HOW MANY COUNTRIES ARE YOU FAMILIAR WITH?

Score: 0

Flags Remaining: 35

Wrong Guesses: 0



PICK WHICH COUNTRY THE FLAG BELONGS TO:

Saint Lucia

(LC)

Bahamas

(BS)

Uruguay

(UY)

Canada

(CA)

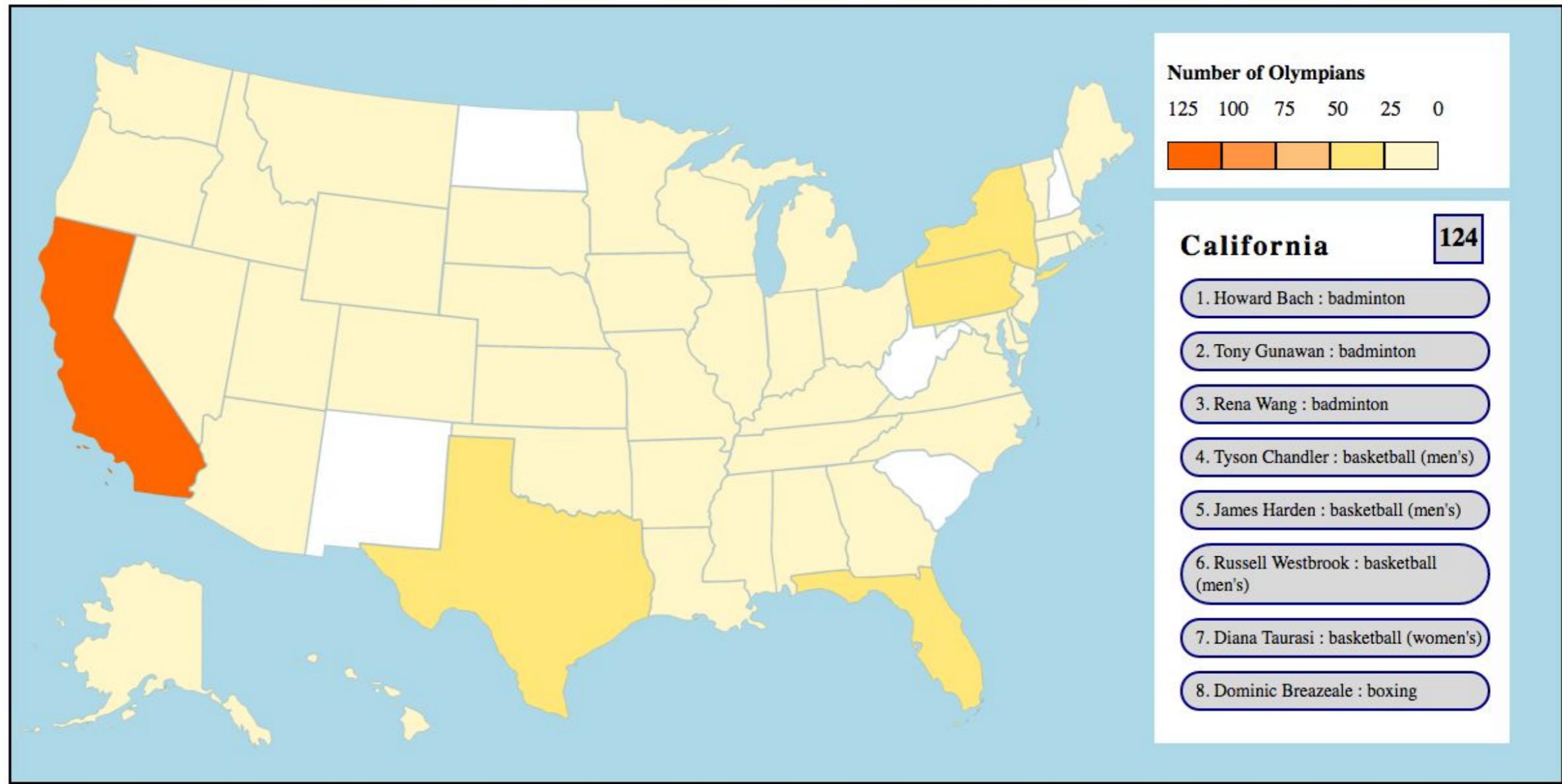
# Flag matching game

Desiree Desario (Lopez)

<http://desireedesario.com/flaggame/flaggame.html>

# Home States of 2012 U.S. Olympians

Click on a state to find out which Olympians come from there



# Olympic athletes map

Brian Bencomo

<http://www.brianbencomo.com/OlympicMapping/bb-map/>

# Muslim doll

Rasha Ali (based on a brilliant idea from Prof. Lisa Pecot-Hebert)

<http://uscstoryspace.com/2015-2016/rashaali/Capstone/username/#features>

## Muslim Doll

Hijab varies from woman to woman. For some, it could mean a simple headscarf wrapped in a trendy way. For others, hijab could be covering everything from head to toe. Drag the different styles of hijab onto the doll to learn about what each one means.

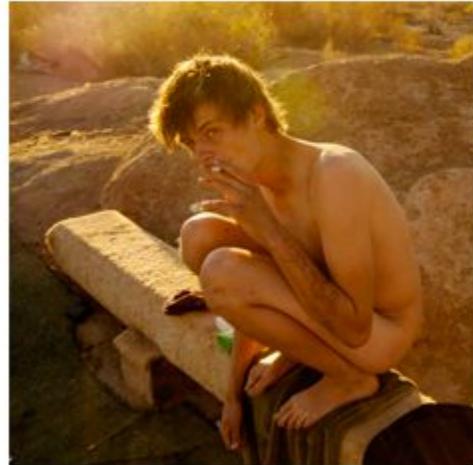


# News orgs pushing the boundaries

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# SLAB CITY STORIES

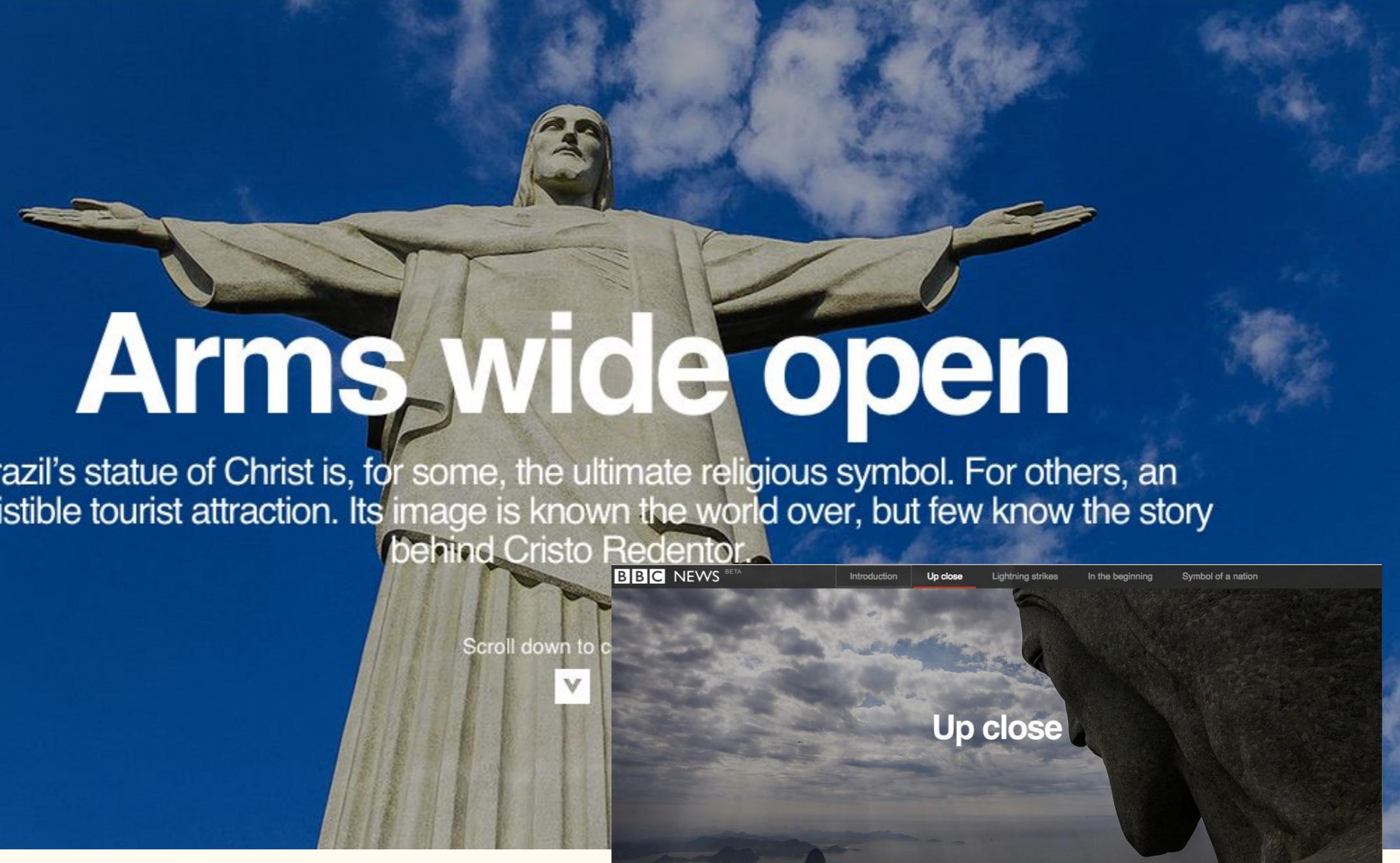
SQUATTERS, SNOWBIRDS AND WANDERERS OF SOUTHERN CALIFORNIA'S DESERT



to the compelling

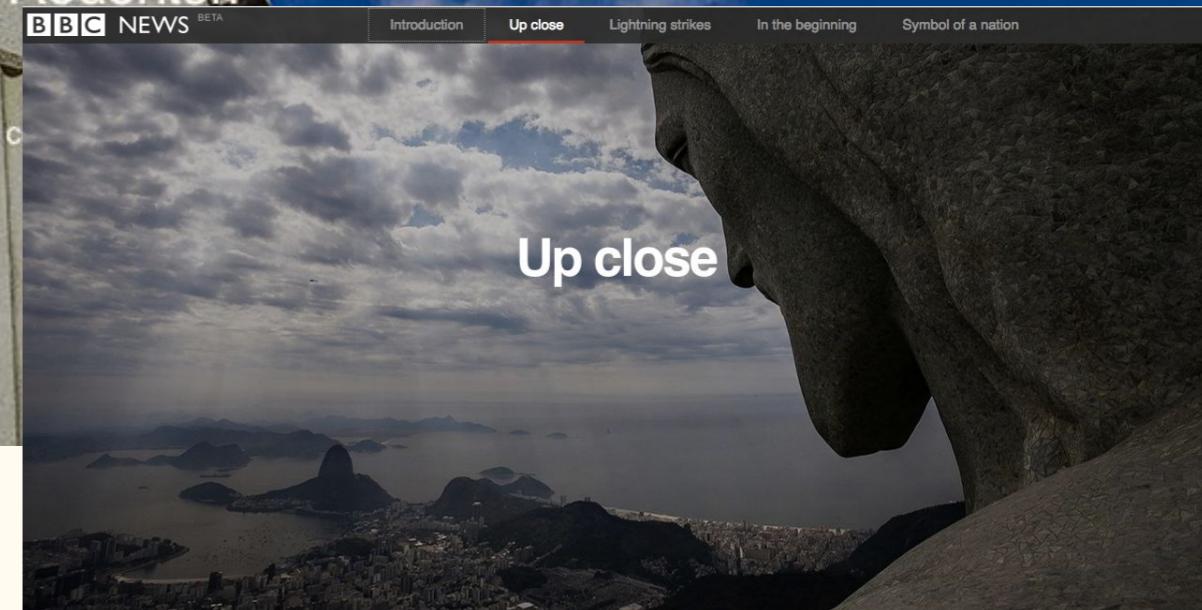
Slab City Stories interactive

<http://slabcitystories.com/>



# Arms wide open

Brazil's statue of Christ is, for some, the ultimate religious symbol. For others, an irresistible tourist attraction. Its image is known the world over, but few know the story behind Cristo Redentor.



## Arms Wide Open

BBC's complex piece on Brazil's famed statue of Christ

[http://www.bbc.co.uk/news/special/2014/newsspec\\_7141/index.html](http://www.bbc.co.uk/news/special/2014/newsspec_7141/index.html)

أحداث شغب كرونوولا

# CRONULLA RIOTS

THE DAY THAT SHOCKED THE NATION



INVESTIGATE:  
THE RIOT THEMES

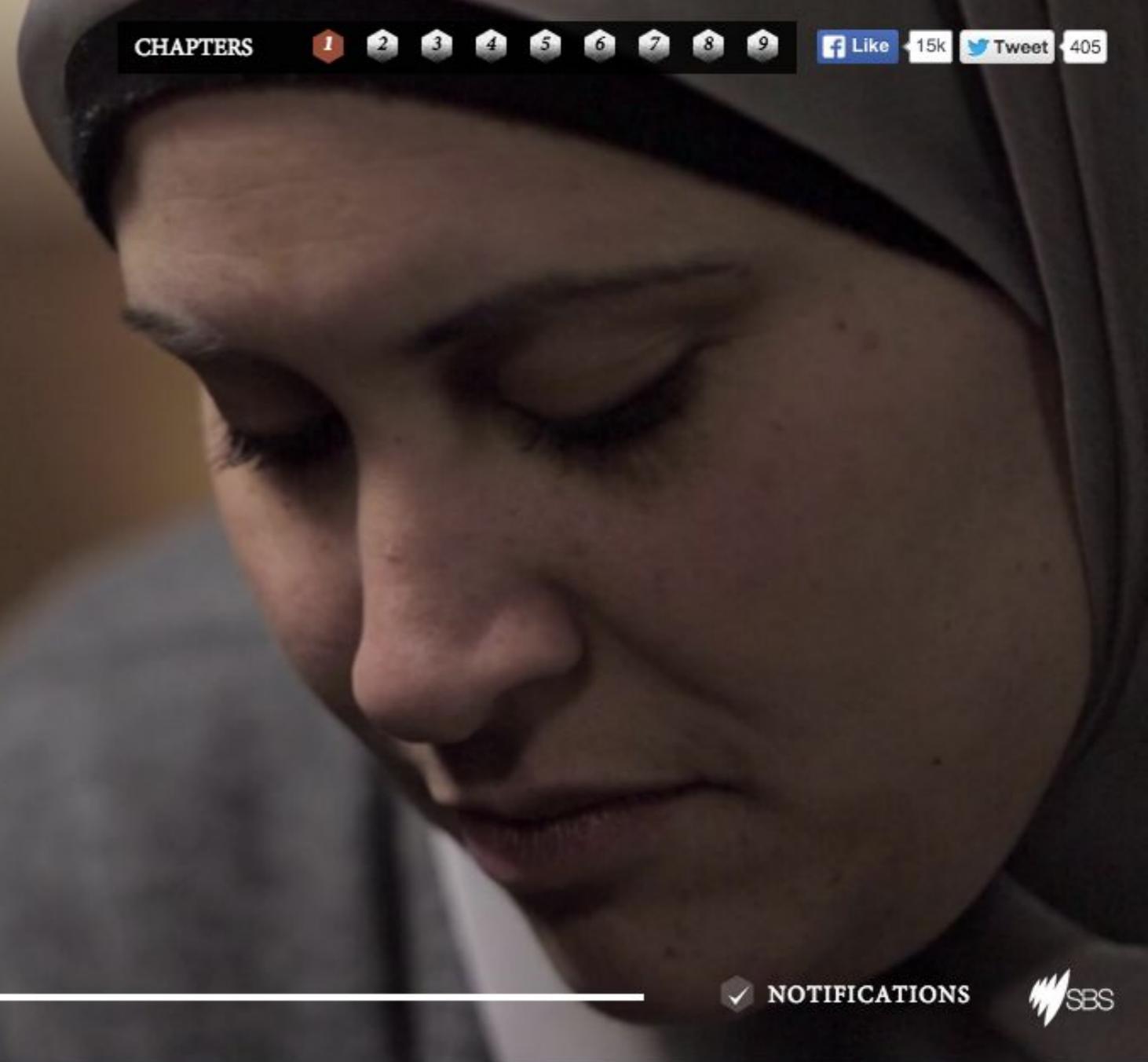


MAP:  
RIOT EVENTS

CHAPTERS

1 2 3 4 5 6 7 8 9

f Like 15k Tweet 405



PLAY

NOTIFICATIONS



# Cronulla Riots

From Australia's SBS news organization

<http://www.sbs.com.au/cronullariots/documentary>



# Hollow: Interactive documentary

Complex interactive experience

<http://hollowdocumentary.com/>



# Eat: The Story of Food

National Geographic Channel

<http://www.natgeoeat.com/>

# One

IN 8 MILLION

New York is a city of characters. The Green Thumb, whose community garden in a Brooklyn housing project shows children that eggs don't come from eggplant. The Dictaphone Doctor, last of a dying breed. The Jury Clerk, who says 'Good morning' 200 times a day, and means it. The Teenage Mother. The Tabloid Photographer. The Iraq Veteran. The Walking Miracle. Throughout 2009, The Times introduced 54 such individuals in sound and images, ordinary people telling extraordinary stories — of passions and problems, relationships and routines, vocations and obsessions.

BROWSE COLLECTION



Joseph Cotton: The Grandfather

Added December 24, 2009



Candice Angelet: The Mambo Dancer

Added December 24, 2009

# One in 8 Million

NYTimes.com

<http://www.nytimes.com/packages/html/nyregion/1-in-8-million/>

# Welcome to PINE Point

by THE GOOGLES.  
Paul Shoebridge + Michael Simons



# Welcome to Pinepoint

The Goggles: Paul Shoebridge + Michael Simons

<http://pinepoint.nfb.ca/#/pinepoint>

# REFUGEE REPUBLIC

SINCE 2012

Jumpstarting a new existence in an emerging city.  
Everyday life in a refugee camp.



QUICK START



START WITH INTRODUCTION



# Refugee Republic

deVolkskrant (The Netherlands)

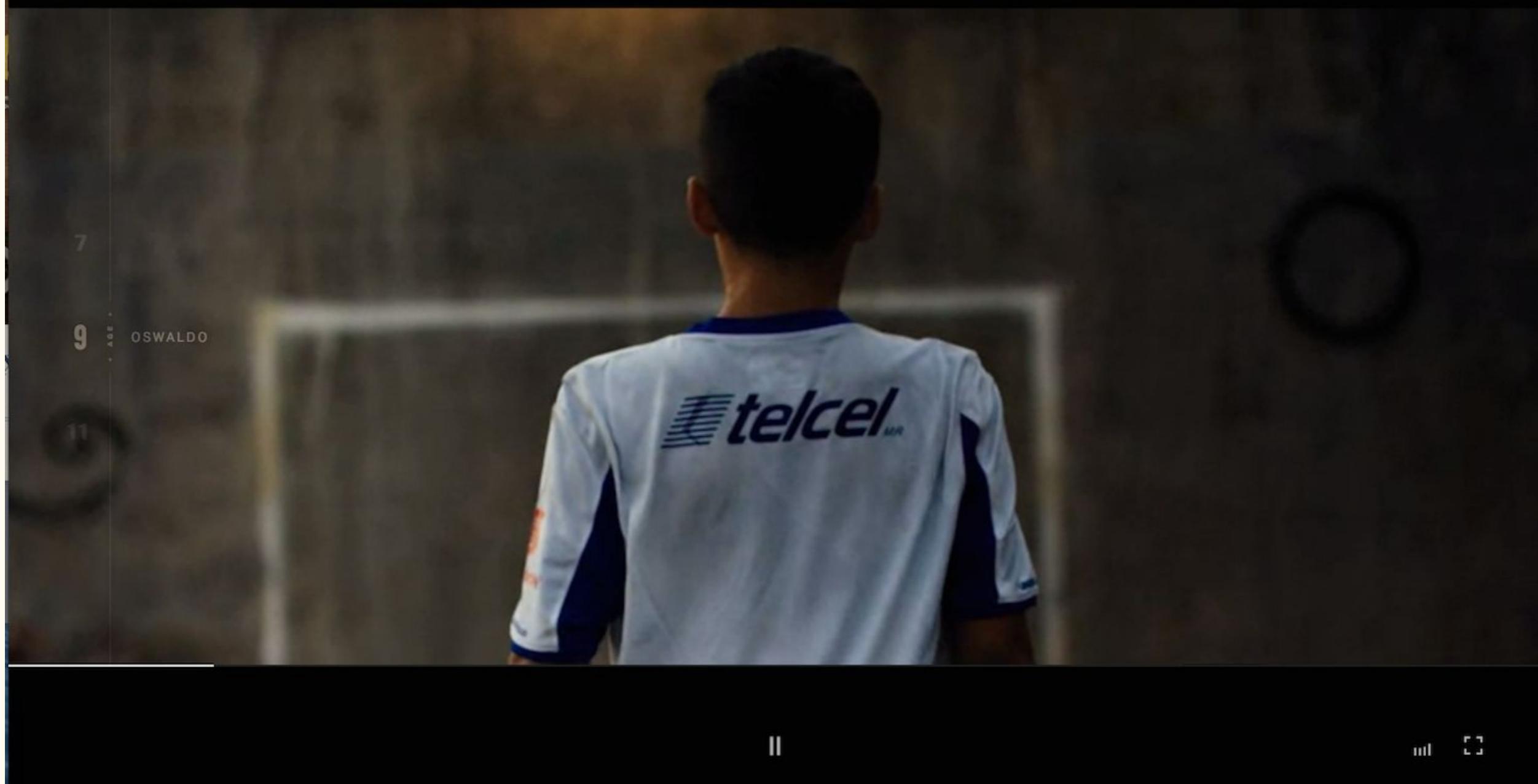
<http://refugeerepublic.submarinechannel.com/>



# Pi's epic journey

Life of Pi movie

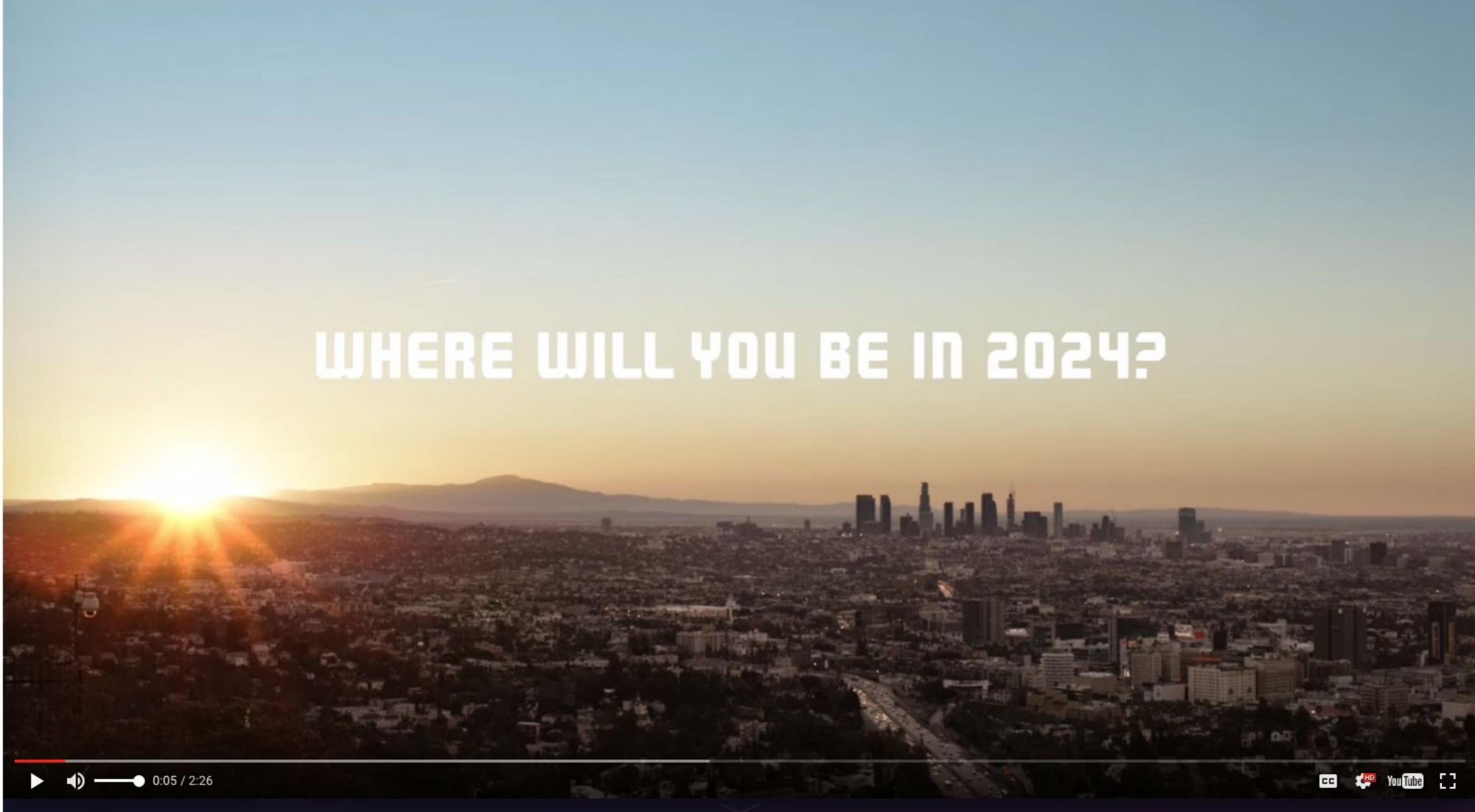
<http://journey.lifeofpimovie.com/>



# Slay your next giant

Underarmour

<http://slayyournextgiant.com/>



# LA candidate city Olympic Games 2024

LA24.org

<https://la24.org/>

# A Fighting Chance

[How to view this project](#)

2 Comments

 Like 336  Tweet 16



## Tales of the Westbury boxing gym

Since 1979, the Westbury boxing gym has produced its share of champions. But that is only a small part of this story. The people who have been around the gym longest — trainers Kevin Collins and Joe Gadigan — will tell you that the real success of the gym is in the number of fighters who went on to lead productive lives away from the ring. The gym counts sanitation workers, police officers, carpenters, youth counselors and attorneys among its alumni.

### Multimedia profiles



The Gym



The Riveras



Joe



Freddie P.

### Video profiles



# ‘A Fighting Chance’

Peggy

Emmy-nominated 12-part interactive video series about fighters at a boxing gym on Long Island

Bustamante/Newsday

<http://sports.newsday.com/long-island/boxing/a-fighting-chance/>

# A Fighting Chance

## Diversity in boxing

There are those who look at boxing as a barbaric ritual. But in terms of cultural diversity and racial harmony it has been far more progressive than every other major sport played in America.

In 1902, Joe Gans was the first African-American to win a world boxing title. Six years later, Jack Johnson became the first African-American to win a heavyweight title. Consider that Jackie Robinson broke major league baseball's color barrier in 1947 and the boxing ring was the first athletic forum that provided people of color an opportunity.

Boxing has always drawn its participants from the lowest rungs of the socio-economic ladder. There have been significant periods over the last century during which Jewish, Italian and Irish boxers dominated the sport's landscape. As those populations steadily gained wider acceptance in society and moved up the ladder, other groups took their place in the sport.

The emergence of Johnson prompted boxing promoters to coin the phrase, "Great White Hope," which applied to anyone who challenged him for the title. At the time, boxing, baseball and horse racing were America's three major sports. That a black man held perhaps the most prestigious title of them all was an affront to a nation that would struggle with integration for decades. Anyone

Melting Pot

The melting pot is a metaphor for a heterogeneous society becoming more homogeneous, the different elements "melting together" into a harmonious whole with a common culture. It is particularly used to describe the assimilation of immigrants to the United States. The exact term 'melting pot' came into general usage in 1908, after the premiere of the play "The Melting Pot," by Israel Zangwill.



## Melting Pot

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## Diversity in boxing

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In 1902, Joe Gans was the first African-American to...

[read more](#)



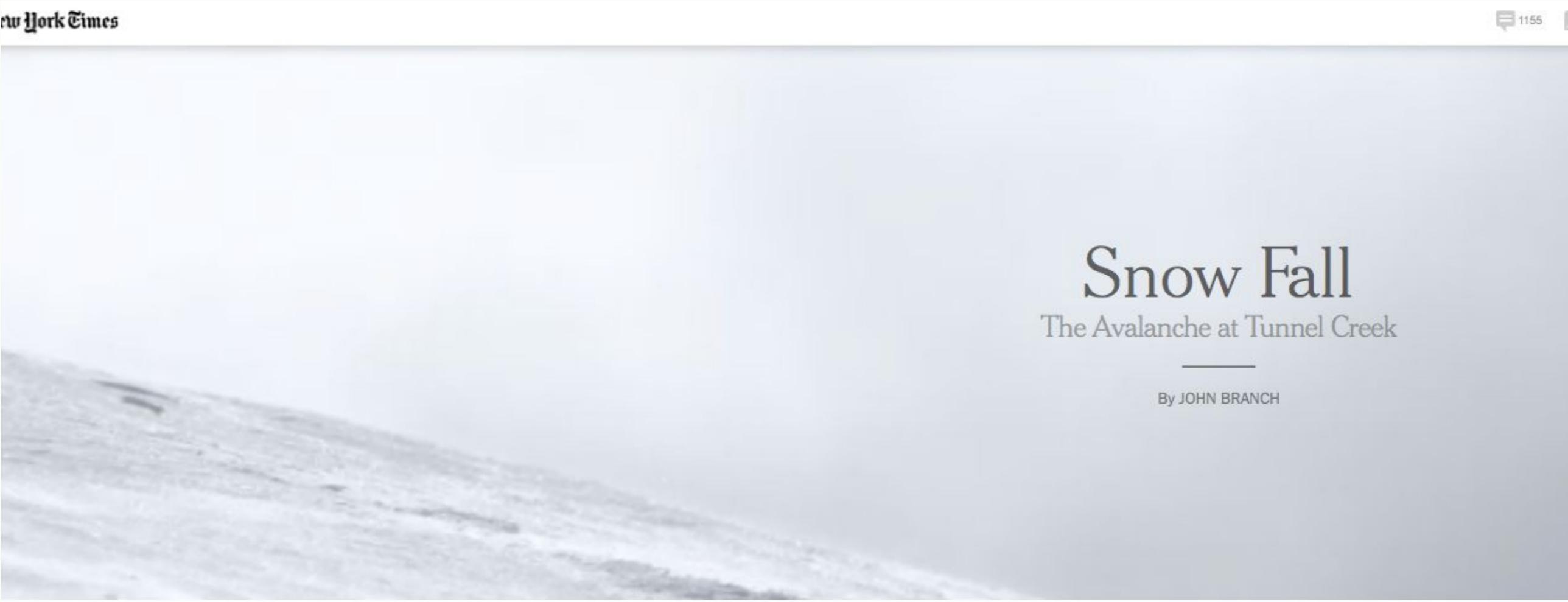
# 'A Fighting Chance'

Peggy

Emmy-nominated 12-part interactive video series about fighters at a boxing gym on Long Island

Bustamante/Newsday

<http://sports.newsday.com/long-island/boxing/a-fighting-chance/>



# Snow Fall

## The Avalanche at Tunnel Creek

By JOHN BRANCH

**T**he snow burst through the trees with no warning but a last-second whoosh of sound, a two-story wall of white and Chris Rudolph's piercing cry: "Avalanche! Elyse!"

The very thing the 16 skiers and snowboarders had sought — fresh, soft snow — instantly became the enemy. Somewhere above, a pristine meadow cracked in the shape of a lightning bolt, slicing a slab nearly 200 feet across and 3 feet deep. Gravity did the rest.

# 'Snow Fall: The Avalanche at Tunnel Creek'

NYTimes.com

<http://www.nytimes.com/projects/2012/snow-fall/?forcedirect=yes#/?part=tunnel-creek>

# Assignment 1:

## Due 5 p.m. the night before the next class

- Find three examples of interactive/multimedia pieces.
- Write a paragraph stating what you liked about the project, what you would like to incorporate into your project, and what you would do better or differently.
- Add it to the Google Doc I share with everyone.
- Get a [github.com](https://github.com) account.
- Write three sentences about yourself

---

### Reading:

HTML and CSS tutorials on [w3schools.com](https://www.w3schools.com)

<http://www.w3schools.com/html/default.asp>

p

<http://www.w3schools.com/css/default.asp>