

@danielmall

@gjhead

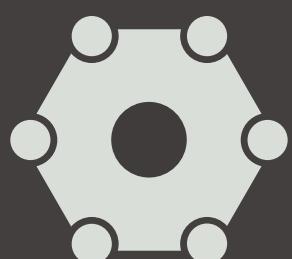
@iamjolly

@kevinhoffman

Website Design

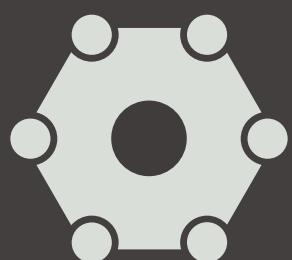
Carnegie Mellon University
College of Engineering

sevenheadsdesign.com



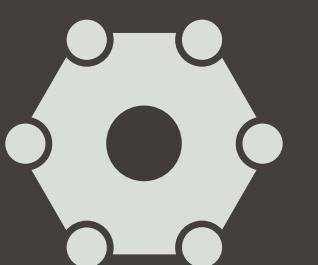
Your Questions

Let's make the best use of your time.



Who are we?

Just a quick introduction.





Kevin



Dan



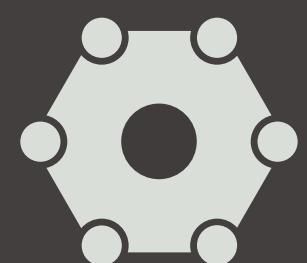
Jason

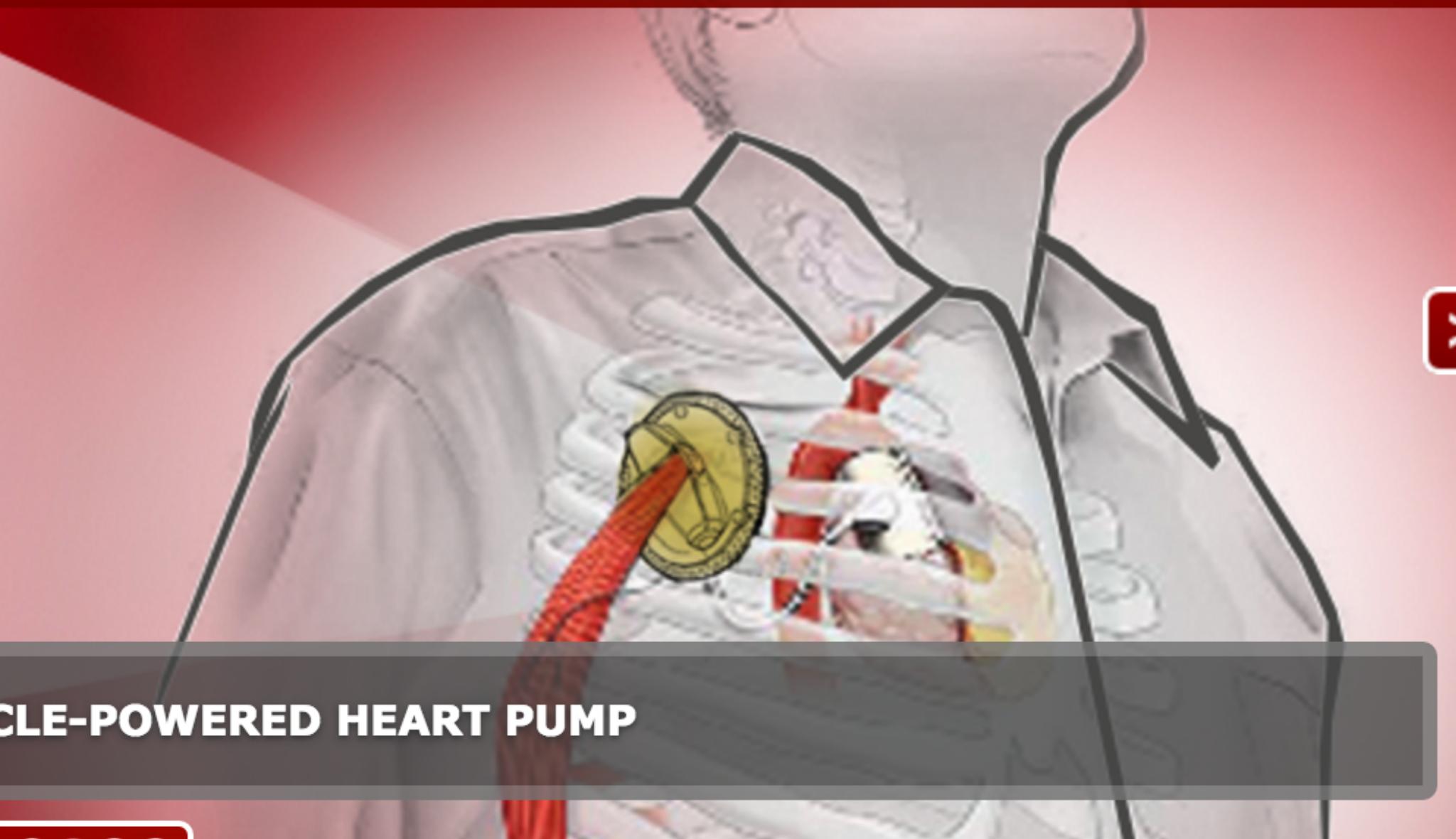
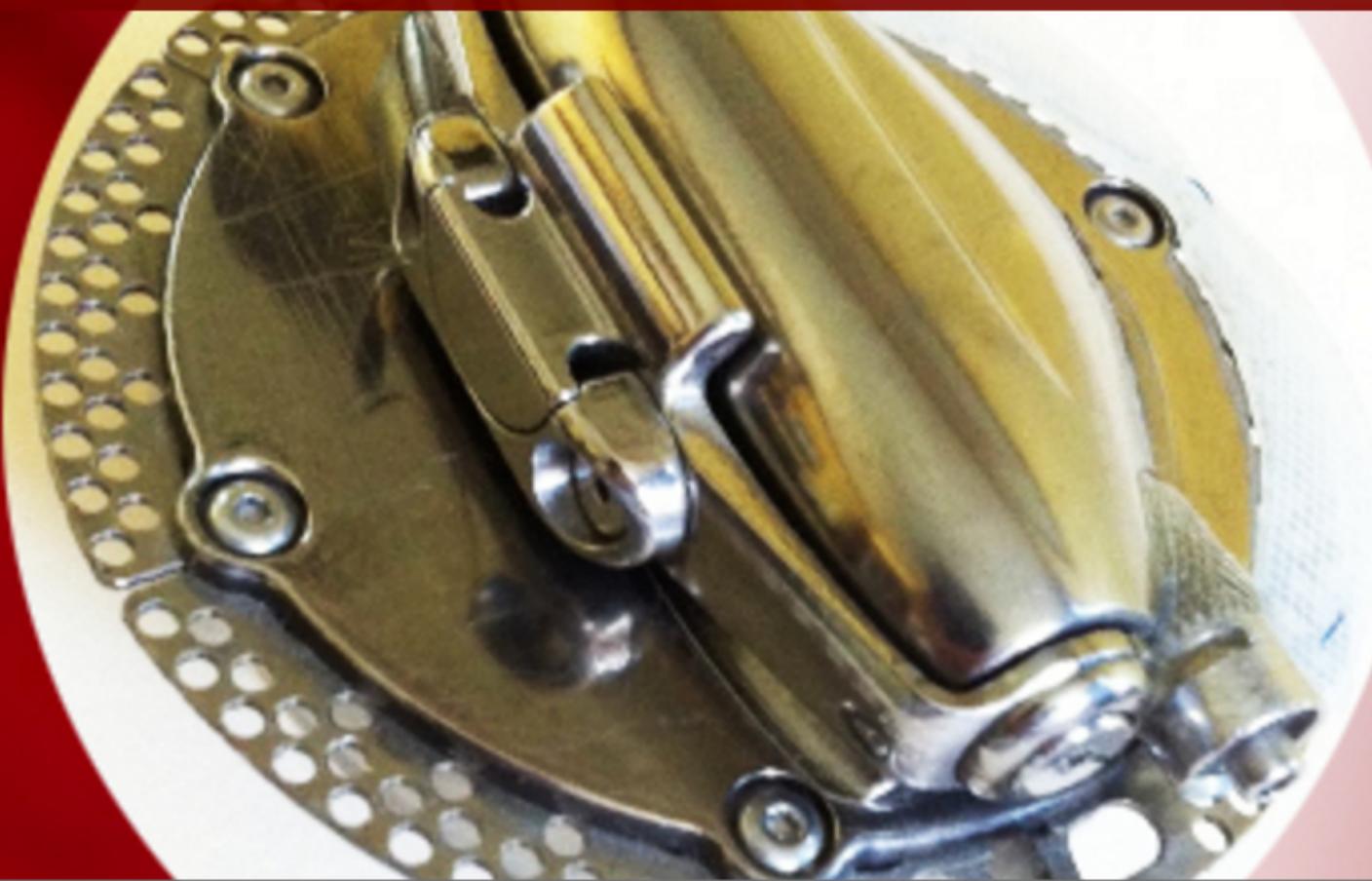


Robert

What we believe.

How we approach your project.





TRUMBLE RECEIVES \$1.2 MILLION TO DEVELOP MUSCLE-POWERED HEART PUMP

• • • •

NEWS

Carnegie Mellon University Undergraduate Students Present Research at 17th Annual TECHCON Conference. [Read More](#)

Carnegie Mellon Partners with the NSA Day of Cyber Program. [Read More](#)

New Technique Developed by Team Including CMU President Suresh Removes Defects While Keeping Materials Strong. [Read More](#)

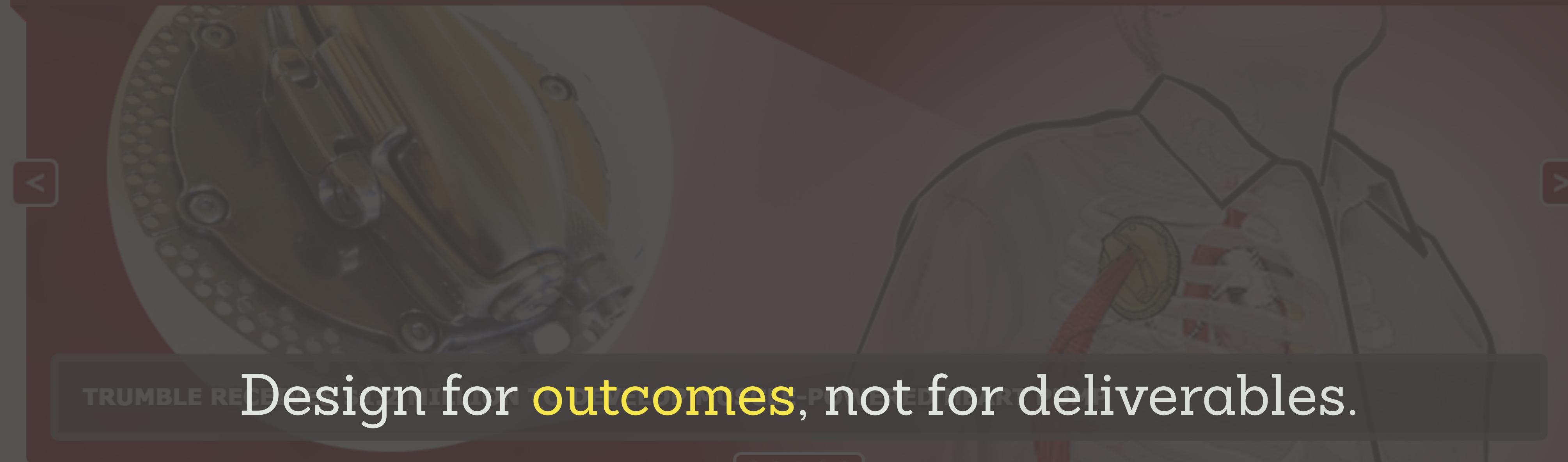
ECE Faculty Partner with New Research Center Focusing on Cybersecurity of Nation's

INNOVATION & EXCELLENCE

Excellence in the College of Engineering

The College of Engineering ranks among the leaders in the world for engineering research and education. Learn more about the college's accolades in our [about the college](#) and [Engineering Rankings](#) pages.

Expanding Collaborations, Empowering People, **Elevating Impact** is the College of Engineering's strategic plan, which will ensure continued



NEWS

Carnegie Mellon University Undergraduate Students Present Research at 17th Annual TECHCON Conference. [Read More](#)

Carnegie Mellon Partners with the NSA Day of Cyber Program. [Read More](#)

New Technique Developed by Team Including CMU President Suresh Removes Defects While Keeping Materials Strong. [Read More](#)

ECE Faculty Partner with New Research Center Focusing on Cybersecurity of Nation's

INNOVATION & EXCELLENCE

Excellence in the College of Engineering

The College of Engineering ranks among the leaders in the world for engineering research and education. Learn more about the college's accolades in our [about the college](#) and [Engineering Rankings](#) pages.

Expanding Collaborations, Empowering People, Elevating Impact is the College of Engineering's strategic plan, which will ensure continued



Prospective Students

Current Students

Alumni

Faculty & Staff

Companies

Media

Parents & Visitors

Global Education

NEWS

Carnegie Mellon University Undergraduate Students Present Research at 17th Annual TECHCON Conference. [Read More](#)

Carnegie Mellon Partners with the NSA Day of Cyber Program. [Read More](#)

New Technique Developed by Team Including CMU President Suresh Removes Defects While Keeping Materials Strong. [Read More](#)

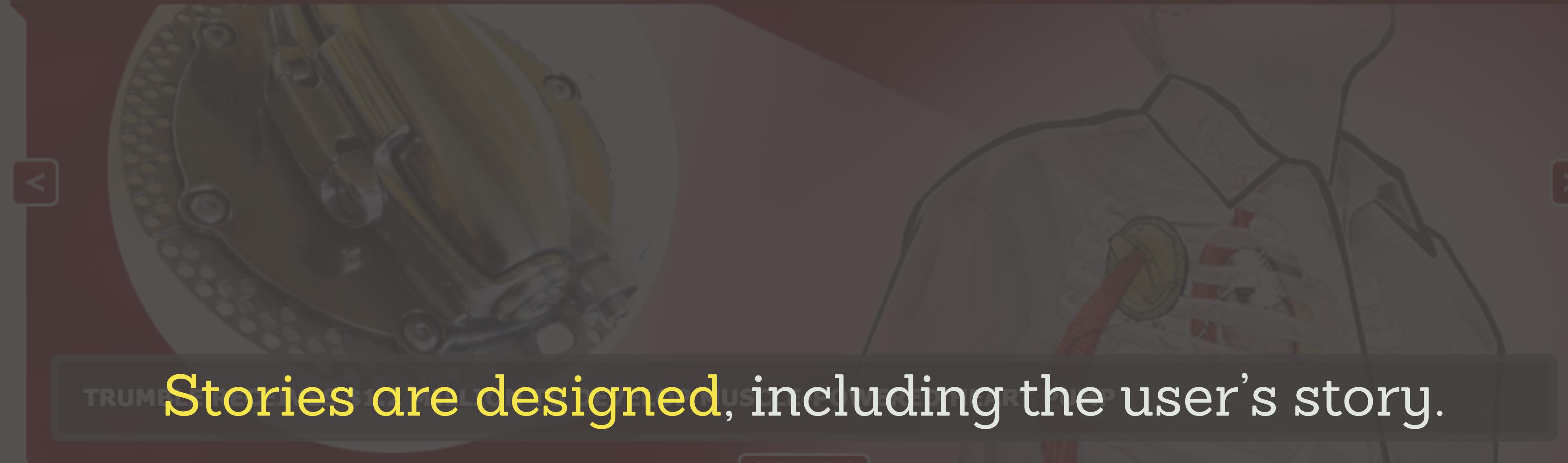
ECE Faculty Partner with New Research Center Focusing on Cybersecurity of Nation's

INNOVATION & EXCELLENCE

Excellence in the College of Engineering

The College of Engineering ranks among the leaders in the world for engineering research and education. Learn more about the college's accolades in our [about the college](#) and [Engineering Rankings](#) pages.

Expanding Collaborations, Empowering People, Elevating Impact is the College of Engineering's strategic plan, which will ensure continued



Prospective Students

Current Students

Alumni

Faculty & Staff

Companies

Media

Parents & Visitors

Global Education

NEWS

Carnegie Mellon University Undergraduate Students Present Research at 17th Annual TECHCON Conference. [Read More](#)

Carnegie Mellon Partners with the NSA Day of Cyber Program. [Read More](#)

New Technique Developed by Team Including CMU President Suresh Removes Defects While Keeping Materials Strong. [Read More](#)

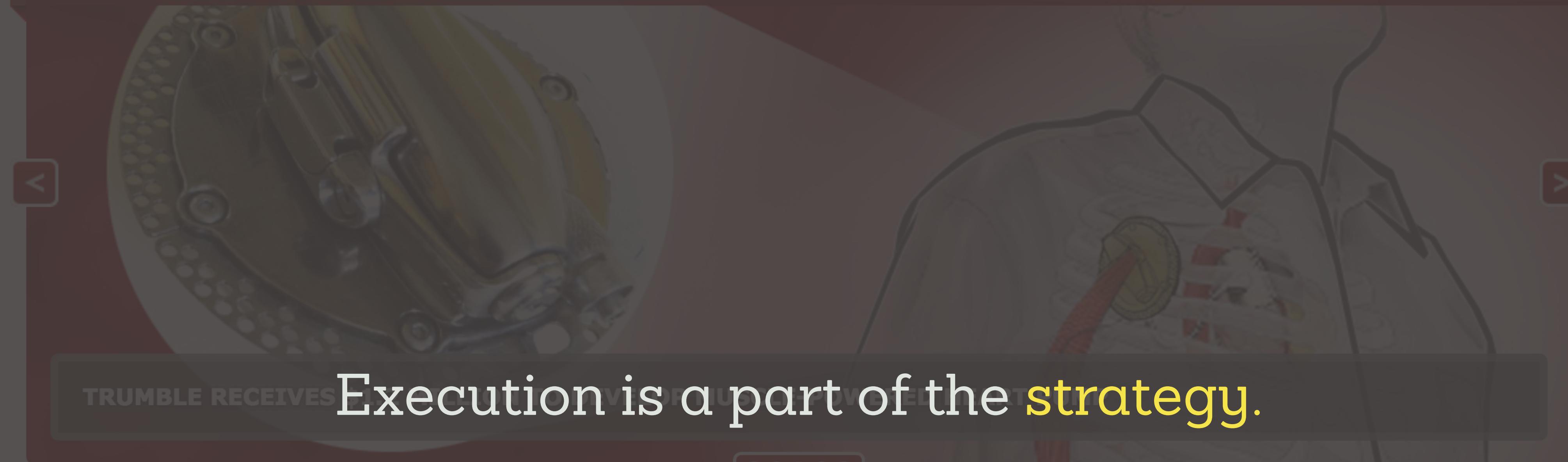
ECE Faculty Partner with New Research Center Focusing on Cybersecurity of Nation's

INNOVATION & EXCELLENCE

Excellence in the College of Engineering

The College of Engineering ranks among the leaders in the world for engineering research and education. Learn more about the college's accolades in our [about the college](#) and [Engineering Rankings](#) pages.

Expanding Collaborations, Empowering People, Elevating Impact is the College of Engineering's strategic plan, which will ensure continued



TRUMBLE RECEIVES

14.5 MILLION IN INVESTMENT

TO POWER

THE

COLLEGE

OF

ENGINEERING

IN

2014

Prospective Students

Current Students

Alumni

Faculty & Staff

Companies

Media

Parents & Visitors

Global Education

NEWS

Carnegie Mellon University Undergraduate Students Present Research at 17th Annual TECHCON Conference. [Read More](#)

Carnegie Mellon Partners with the NSA Day of Cyber Program. [Read More](#)

New Technique Developed by Team Including CMU President Suresh Removes Defects While Keeping Materials Strong. [Read More](#)

ECE Faculty Partner with New Research Center Focusing on Cybersecurity of Nation's

INNOVATION & EXCELLENCE

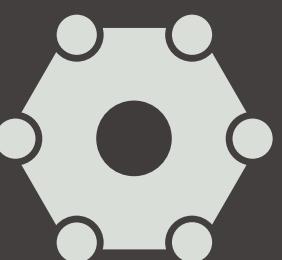
Excellence in the College of Engineering

The College of Engineering ranks among the leaders in the world for engineering research and education. Learn more about the college's accolades in our [about the college](#) and [Engineering Rankings](#) pages.

Expanding Collaborations, Empowering People, Elevating Impact is the College of Engineering's strategic plan, which will ensure continued

What have we made?

Relevant projects.





O'REILLY®

[Home](#)[Shop Video Training & Books](#)[Radar](#)[Safari Books Online](#)[Conferences](#)[IT Courses & Certificates](#)

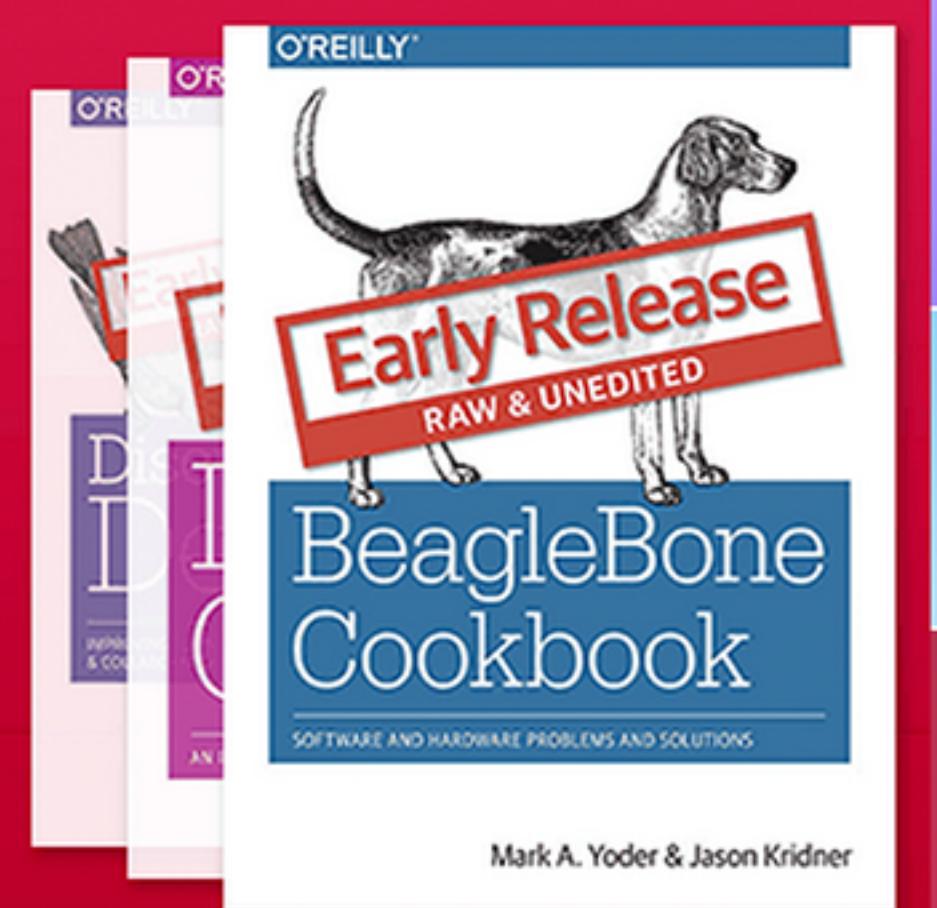
Popular Topics: [Programming](#) | [JavaScript](#) | [iPhone](#) | [Android](#) | [Python](#) | [Head First](#) | [HTML5 & CSS](#) | [Microsoft](#) | [Java](#) | [Perl](#) | [Linux](#)

Save 50% on *all* Early Release ebooks

Get access to books while they're being written.

[View the Titles](#)

Expires February 20, 2015 at 5:00am PT



Mark A. Yoder & Jason Kridner

Free Online Events



SEO for Developers

Presented by [Anne Ahola Ward](#)
Date: Thursday, Feb 19 at 1 PT

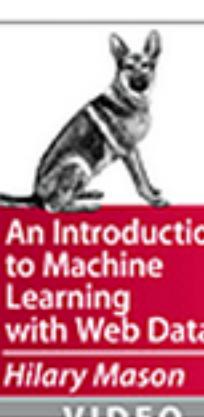
Upcoming Events

- [TimeSeries AggregatoR](#)
- [Linux Security](#)
- [Cloud Model vs. Traditional Model, Which is Right for You?](#)
- [Implementing Responsive Images](#)

[All Online Events >](#)

Earn Commissions

New Books & Videos



[Hilary Mason: An Introduction to Machine Learning with Web Data](#)
Video – \$49.99 (Save 50%)

Use code: DEAL 4.5

Get O'Reilly Deals

Enter your email here



[Mastering Prezi](#)
Video – \$19.99 (Save 50%)

Use code: MSDEAL

Get Business Deals

Enter your email here

IT Courses & Certificates

School of Technology



President's Day Sale

O'REILLY®

Shop Books & Videos

[Shop Video Training & Books](#)[Radar](#)[Safari Books Online](#)[Conferences](#)[IT Cour](#)[Training](#)[Browse Subjects](#)[New](#)[Upcoming](#)[Early Release](#)[Bestselling](#)[Ebooks](#)

Get any video training course for FREE. More than 500 to choose from!

Developing Web Apps with Haskell and Yesod, 2nd Edition

Safety-Driven Web Development

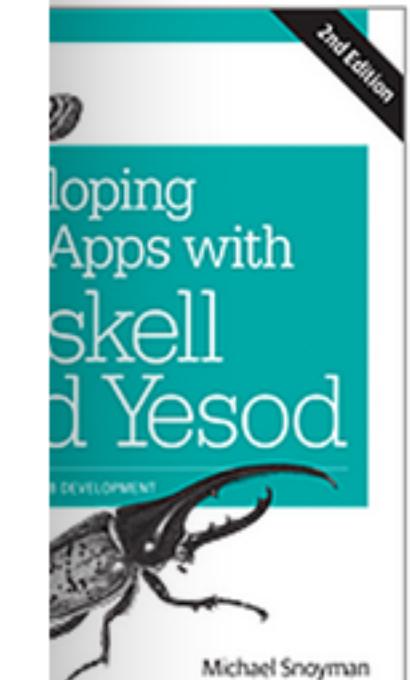
By [Michael Snoyman](#)

Publisher: O'Reilly Media

Final Release Date: February 2015

Pages: 396

0.0

[Write a Review](#)[Larger Cover](#)

This fast-moving guide introduces web application development with Haskell and Yesod, a potent language/framework combination that supports high-performing applications that are modular, type-safe, and concise. Fully updated for Yesod 1.4, this second edition shows how Yesod handles widgets, forms, persistence, and RESTful...

[Full description](#)[Details](#)[About the Author](#)[Colophon](#)

Developing Web Apps with Haskell and Yesod, 2nd Edition

By [Michael Snoyman](#)

O'Reilly Media

Print, Ebook, Safari Books Online, Rough Cut, Early Release Ebook

February 2015

February 2015

96

ISBN: 978-1-4919-1559-2 | ISBN 10: 1-4919-1559-5

BN: 978-1-4919-1554-7 | ISBN 10: 1-4919-1554-4

Print ISBN: 978-1-4919-1561-5 | ISBN 10: 1-4919-1561-7

Ebook ISBN: 978-1-4919-1560-8 | ISBN 10: 1-4919-1560-9

Business Ebook ISBN: 978-1-4919-1561-6 | ISBN 10: 1-4919-1561-6

Business Print ISBN: 978-1-4919-1562-3 | ISBN 10: 1-4919-1562-3

Business BN: 978-1-4919-1563-0 | ISBN 10: 1-4919-1563-0

Business Colophon ISBN: 978-1-4919-1564-7 | ISBN 10: 1-4919-1564-7

Business Colophon BN: 978-1-4919-1565-4 | ISBN 10: 1-4919-1565-4

Business Colophon Print ISBN: 978-1-4919-1566-1 | ISBN 10: 1-4919-1566-1

Business Colophon BN: 978-1-4919-1567-8 | ISBN 10: 1-4919-1567-8

Business Colophon Colophon ISBN: 978-1-4919-1568-5 | ISBN 10: 1-4919-1568-5

Business Colophon Colophon BN: 978-1-4919-1569-2 | ISBN 10: 1-4919-1569-2

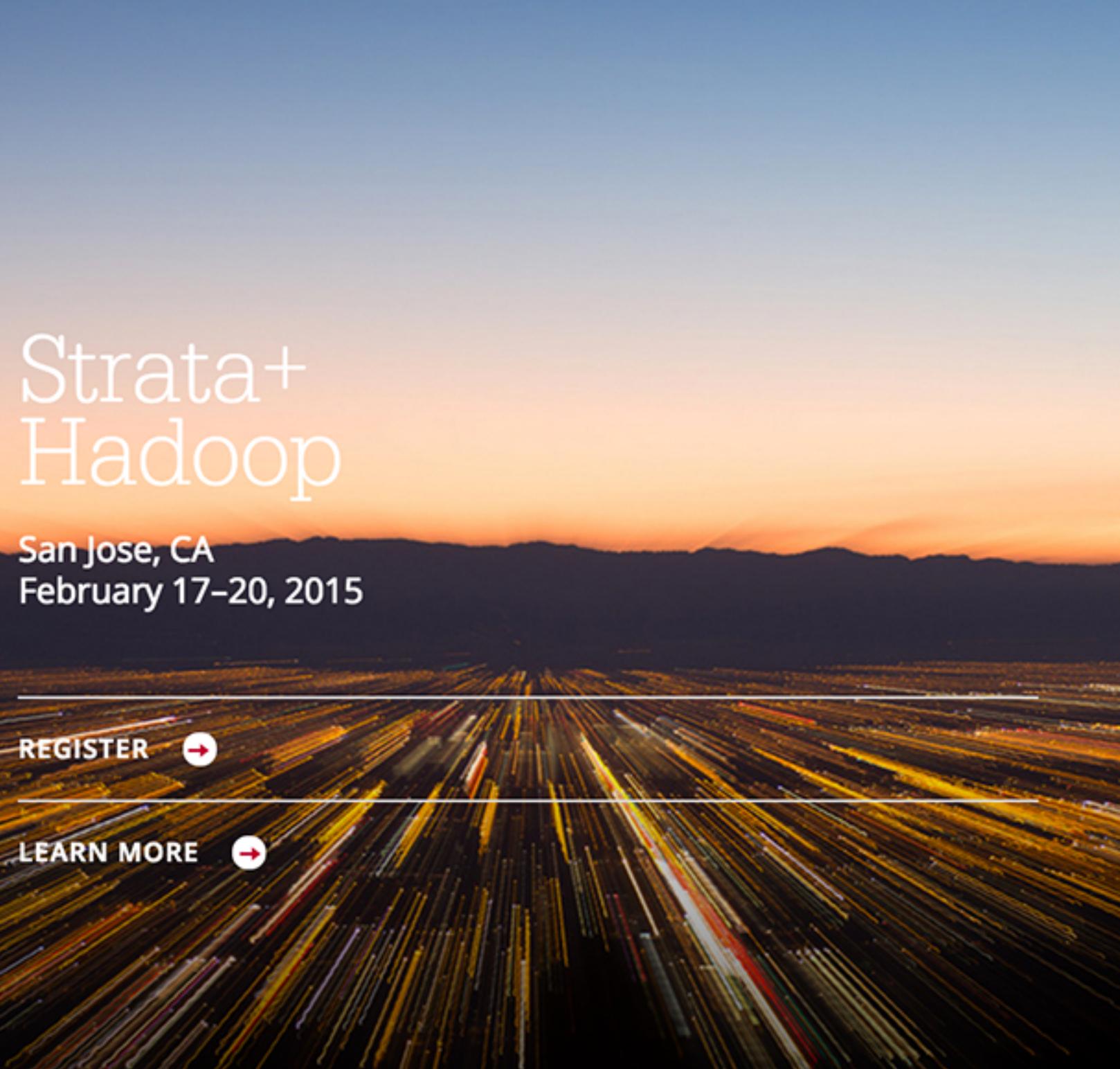
Business Colophon Colophon Print ISBN: 978-1-4919-1570-8 | ISBN 10: 1-4919-1570-8

Business Colophon Colophon BN: 978-1-4919-1571-5 | ISBN 10: 1-4919-1571-5

AN O'REILLY CONFERENCE

Strata+ Hadoop

Explore solutions to your most challenging problems, connect with the brightest minds in data, find out what's new in emerging technologies and Apache Hadoop—and see for yourself what data can do.



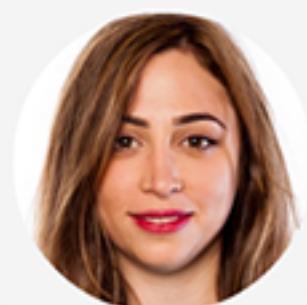
Strata+ Hadoop

San Jose, CA
February 17-20, 2015

REGISTER →

LEARN MORE →

Featured in San Jose



KEYNOTE
The internet as material

Ayah Bdeir, littleBits



KEYNOTE
The third digital revolution

Neil Gershenfeld, MIT Center for Bits and Atoms



DESIGN
Using microinteractions to get from prototype to product



ROBOTS
Realtime robot dance party

Carin Meier, Outpace Systems

ALL TOPICS →

TOPICS

TOP



Discovering ‘star nurseries’

MISMATCHED TWIN STARS SPOTTED IN THE DELIVERY ROOM

[Read More...](#)



Featured EVENTS

Moana with Sound

Fri., February 20, 2015, 7:00pm - 8:40pm

[MORE EVENTS →](#)

Waterloo Bridge

Fri., February 20, 2015, 9:00pm - 10:15pm

I ❤ Science

Sat., February 21, 2015, 9:00am - 4:00pm

Opening: Harvard Ed Portal

Sat., February 21, 2015, 1:00pm - 4:00pm

TEACHING & LEARNING INNOVATION →

Israel and the Middle East: The Current Landscape and its Impact of Negotiations



TEACHING & LEARNING INNOVATION →

Dealing with Difficult People in Negotiation: A Nudge in the Right Direction



About Harvard

[HARVARD AT A GLANCE](#)

[FAQ](#)

[ACADEMIC EXPERIENCE](#)

[MAPS & DIRECTIONS](#)

[DIRECTORIES](#)

[HARVARD'S LEADERSHIP](#)

[HARVARD'S PRESIDENT](#)

ContractsX:

An open online course from HarvardX
Explore contract law in everyday life



[About Harvard](#)



Harvard University is devoted to excellence in teaching, research, and to developing leaders in many disciplines difference globally. Harvard faculty are engaged with research to push the boundaries of human knowledge. Faculty are excited to investigate the biggest issues of the 21st century. Harvard offers an unparalleled student experience and a generous program, with over \$160 million awarded to more than 6,000 undergraduate students. The University has twelve degree Schools in addition to the Radcliffe Institute for Advanced Study. Harvard truly global education.

Established in 1636, Harvard is the oldest institution of higher learning in the United States. The University, which is based in Cambridge, Massachusetts, has an enrollment of over 20,000 candidates, including undergraduate, graduate, and professional Harvard has more than 360,000 alumni around the world.



SPRING OPEN HOUSE FOR PROSPECTIVE STUDENTS & FAMILIES APRIL 12

Register now for this free event.

@ SETON HILL - UPCOMING EVENTS

[ALL EVENTS](#) [ARTS](#) [ATHLETICS](#) [ADMISSIONS](#)

19
February
2015

4:00 PM Registration Closed--Physician Assistant
Information Session: M.S.
4:00 PM Physician Assistant Information Session: B.S./M.S.
7:30 PM Westmoreland Jazz Society Presents Eric DeFade

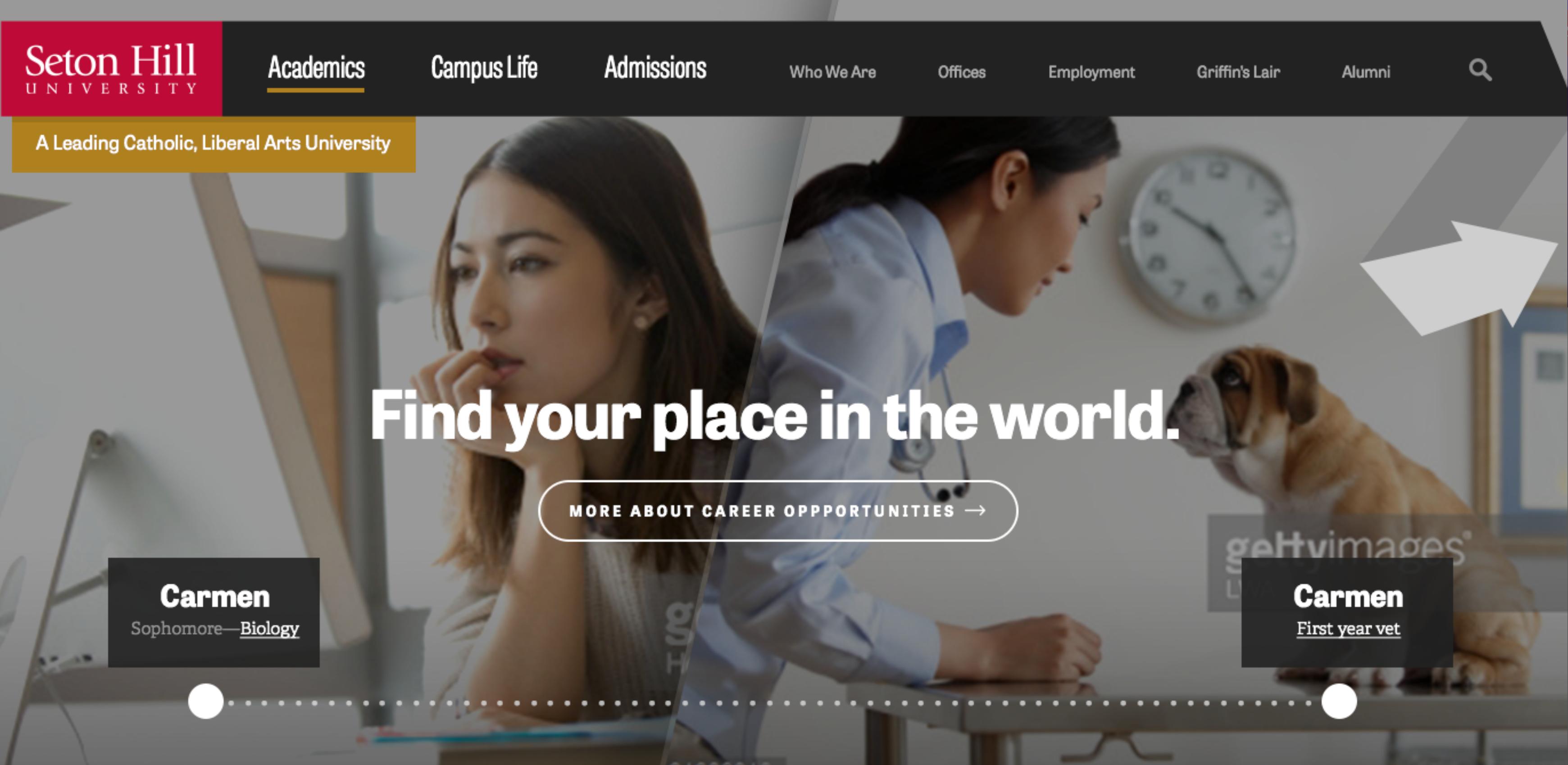
[1](#) [2](#) [3](#) [4](#)

Seton Hill Hires New Chief
Information Officer
[Click to read more](#)

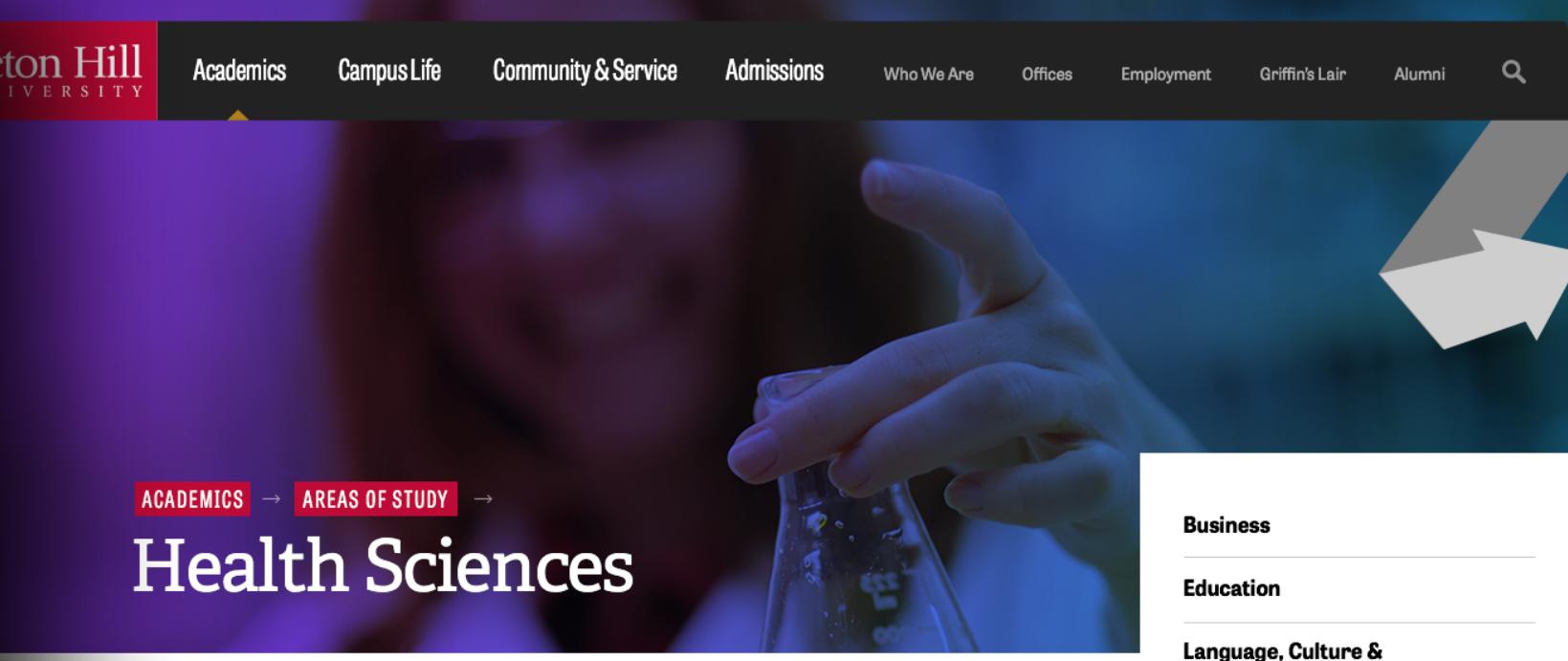
Open House April 12
REGISTER NOW!

"LOOK UP, MY LOVE,
AND BE THANKFUL
FOR THE GOOD THAT YET REMAINS."
-ELIZABETH ANN SETON 

A Leading Catholic, Liberal Arts University



Find your place in the world.

[MORE ABOUT CAREER OPPORTUNITIES →](#)**Carmen**Sophomore—Biology**Carmen**First year vet

From High School to Med School

Train in complex equipment to perform and interpret lab tests. Practice medicine under the guidance of great doctors. Become a dentist, orthodontist, pharmacist, physician assistant and more by furthering your medical education with a guaranteed seat at one of our dental and medical school partners.

We'll help you to create a healthier world.

Business**Education****Language, Culture & Communication****Political Science & Law****Theology & Philosophy****Science & Engineering****Health Sciences****Social Sciences****Visual Arts****Performing Arts****Our Stories**

PA Program Students Provide Health Care in Guatemala



A Healthy Future



A Biologist Who's A Music Major Gone Bad



Pittsburgh's 50 Finest 2014: Cystic Fibrosis Foundation

[MORE NEWS →](#)

News



MAY 01 2015

Mary C. Finger, ED.D. inaugurated as tenth president of Seton Hill University

MAY 7 2015

Seton Hill professor honored by Mental Health America of Westmoreland Country

MARCH 25 2015

Seton Hill student attends Clinton Global Initiative University conference

MAY 27, 2015

Mallory Sanner named to Capital One Academic All District CC/T&F Team

FROM DEGREES TO CAREERS

B.S. in Medical Technology

Chemist · Hematologist · Immunologist · Microbiologist
Parasitologist · Blood Bank Specialist

[MORE](#)

B.S. in Biology

B.S. Pharm.D in Pharmacy

Physician Assistant M.S.

[MORE NEWS →](#)

MARCH 25 2015
Seton Hill student attends Clinton Global Initiative University conferenceMAY 27, 2016
Mallory Sanner named to Capital One Academic All District CC/T&F Team[MORE NEWS →](#)

Share the love
Couples wed in public
ceremonies
11:19 am

Dolphin deaths
3 dolphins die in Shore
strandings
15 minutes ago

More money
\$5 million for
Bonner/Prendie
43 minutes ago

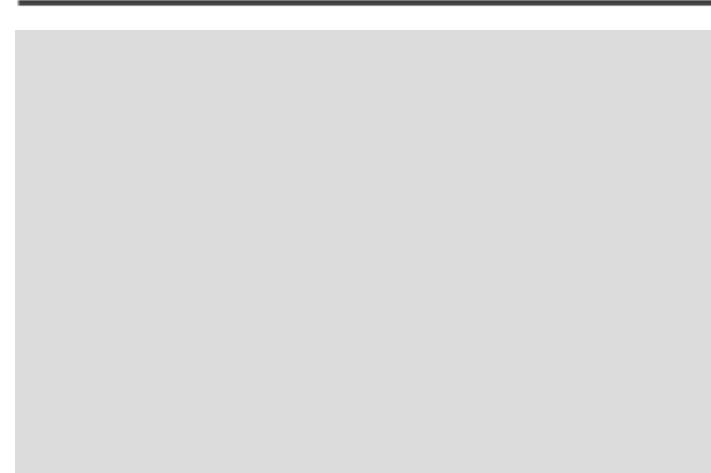
THE FEED:
BREAKING
NEWS BLOG

newsworks

Powered by WHYY and You

SUPPORT
NEWSWORKS

[HOME](#) [SPEAK EASY](#) [HEALTH + SCIENCE](#) [ARTS + CULTURE](#) [BLOGS](#) [DELAWARE](#) [NW PHILADELPHIA](#)



Full Size

Laurel Hill tour mixes tales of true love with scandal

By Lane Blackmer, for NewsWorks

Everyone appreciates a good love story—but most people think of "The Notebook" or "Romeo and Juliet" as a good source for romance, not necessarily a cemetery.

[More »](#)

Weekly Entertainment Guide - Valentine's Day Edition

By Robin Bloom

WHYY's Arts Calendar curator Robin Bloom sorts through hundreds of listings each week to find out what's happening in the Delaware Valley. Here are her picks and listings. This week, treat yourself and others you love to [More »](#)

SPECIAL NEWSWORKS SERIES Just You Wait

By NewsWorks Staff

Just You Wait is WHYY's rundown of names, phrases or things that you may not have heard of yet, but just might hear a lot about in 2012. [More »](#)

TOP STORIES

Ceasefire works to halt bloodshed in North Philly

By Elizabeth Fiedler February 14, 5:00 AM

In 2010, 10 percent of Philadelphia's homicides were in the 22nd Police District, an area that is home to less than 2 percent of the [More »](#)

Pew poll says approval ratings up for Philadelphia mayor »

February 14, 11:04 AM

Amazon's multi-million dollar expansion in Delaware »

February 14, 10:01 AM

Cathedral Choir School of Delaware announces new home »

February 14, 10:00 AM

[More news »](#)

Exploring an illustrated history of tattoos at Philly museum:

Tracing the history of
ink

Free Library hosts new chapter in speed dating: Breaking the ice over books

[Are you over Valentine's Day? Try these 10
anti-romance flicks! »](#)

[Would new food health standards work
against Philadelphia's homeless? »](#)

[More from Speak Easy »](#)

FEATURED COMMENT

Bucking the trend

I don't see why any one would want to buy a newspaper in this day and age. These guys must have money to burn if they are fighting over an...[More »](#)

posted by tmurf

STUFF WE LIKE

Our Picks. Your Picks

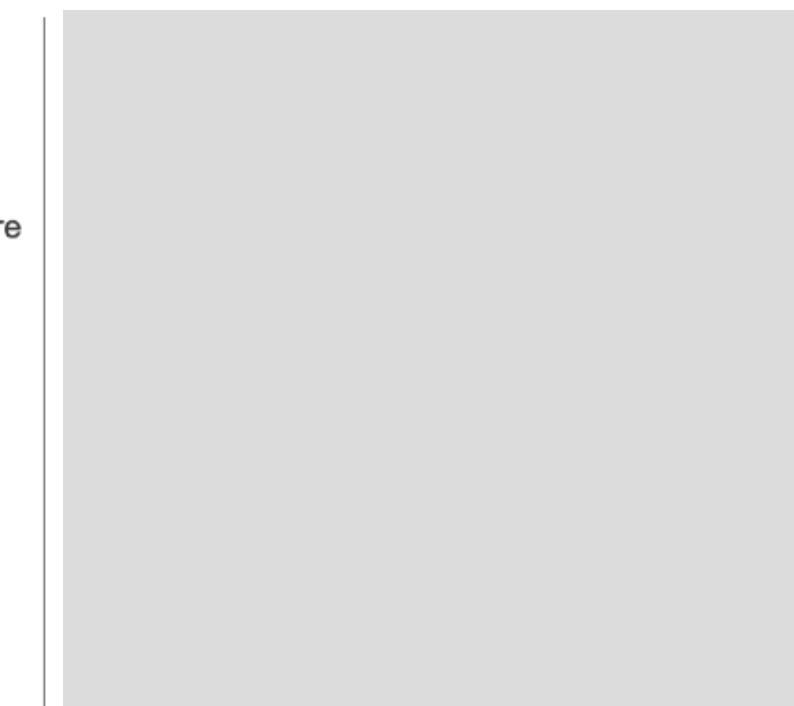
SPEAK EASY

Interact with the NewsWorks community

DISCUSSION

Your questions about the Inquirer/Daily News sale

By Eric Walter



WHO WE ARE

NewsWorks is the online home of WHYY News and its network of journalism partners. This public media service covers the Philadelphia region, Delaware and South Jersey, with a focus on regional issues, neighborhoods, health, and arts. It's a site powered by your concerns, views, and stories. [More »](#)

BLOGS

DAVE DAVIES OFF MIC

Dave Davies

Rendell, a bidder for Philly papers, mum on muzzling reporters : If the local heavyweights associated with Ed Rendell buy Philadelphia's [More »](#)

BRANDYWINE TO BROAD

Jan C. Ting

Santorum surges, ties Romney in Fox News poll. He's the Jeremy

IN PHILADELPHIA
EVERYONE IS READING
LEAD SPONSOR Walmart

orphan train
by CHRISTINA BAKER KLINE

2015 ONE BOOK
ONE PHILADELPHIA
freelibrary.org/onebook



A statewide perspective
on Pennsylvania's problems
(and solutions).
[JOIN THE CONVERSATION >>](#)



SUPPORTED BY
A GRANT FROM

The Latest

For Wolf, legal fights
result from murky Pa.
law

8:00 PM

Monitoring Boston's
response to massive
snowfalls, SEPTA
works on strategy for
Philly

7:00 PM

Arne Duncan tours
Delaware, touts
education reform
efforts

6:26 PM

'Black Madam' faces
trial, says she is
'Michelangelo of
buttocks injections'

6:00 PM

LISTEN
Smithsonian recalls
'the legend of Lead
Belly'

5:59 PM

THE PULSE
Is your toaster
making you fat?

5:15 PM

Historically black
Lincoln U.
investigating racist
graffiti

4:45 PM

Charter school providers turned down in Philly can make a case before state appeals board



Penn Medicine

Penn Memory Center
A National Institute on Aging-designated
Alzheimer's Disease Center

The Penn Memory Center conducts
research on the aging brain.

Research

If you are 65 or older and interested in learning about
research studies for normal cognition, mild cognitive
impairment or Alzheimer's disease, please visit
www.pennadc.org or call 215-615-3084.

DISCUSSION Speak Easy



ESSAYWORKS

Internet privacy? You must be kidding.

Suzy reads every email her 15-year-old son writes to his
girlfriend. How? Months ago, David borrowed his mother's
laptop. When he returned it, she realized that he'd
forgotten to log out of his email account. Which means that

TRIBBLE NATION

LeVar Burton, Mae Jemison and 5 more geeks launch Black Tribbles Hall of Fame

With February's distinction as Black History Month, the
Black Tribbles have created the Tribbles Hall of Fame, a
virtual shrine to those luminaries of science, history and
special achievement who have proudly worn their geek as

CrossFit helps Camden kids cope, succeed

Back when Steve Liberati was working as an
exterminator, he didn't expect to one day run a
CrossFit gym and a "paleo foods" business.



Six documentaries featuring Pennsylvania cities you can stream online

As a winter cold front settles in over most of Pa.,
you may find yourself surfing your Netflix queue



FEBRUARY 18, 2015

SRC hearing from applicants, opponents in prelude to vote on 39
charter school proposals

SRC hearing from applicants, opponents in prelude to vote on 39 charter scho...

Listen 0:00 /



Charter school applicants and protesters crowd the School Reform Commission meeting Wednesday. (Kimberly Paynter/WHYY)

BY NEWSWORKS STAFF

FOLLOW

CONTACT

The Philadelphia School Reform Commission is in the process of listening to
testimony that will ultimately be used this evening to decide the fate of 39 applicants
hoping to start charter schools in the city.

WHYY's Kevin McCorry took a break from the action to join NewsWorks Tonight live
and give host Dave Heller an update.

When McCorry visited Newsworks Tonight, the SRC was about halfway through
hearing 78 speakers, each giving three minutes of testimony to argue for or against a
new school and costs that would be added onto a district that's already hurting
financially.

Will all that testimony make a difference? McCorry spoke to SRC Chairman Bill Green
who indicated that the meeting is more of a formality and an opportunity for civic
dialog. According to Green, SRC members essentially have made up their minds.

"They went through hours and hours of official public hearings and testimony
gathering over the course of December and January. All of that went into big files in
all of the schools. They hashed it out, probably, already in some backdoor meeting,"
McCorry said. "But you never know. Something really compelling could happen, for or
against a certain school that could change someone's mind."

Once the SRC announces its decision, rejected charters have the opportunity to
appeal to a state board.

More from Education



Arne Duncan tours Delaware,
touts education reform efforts

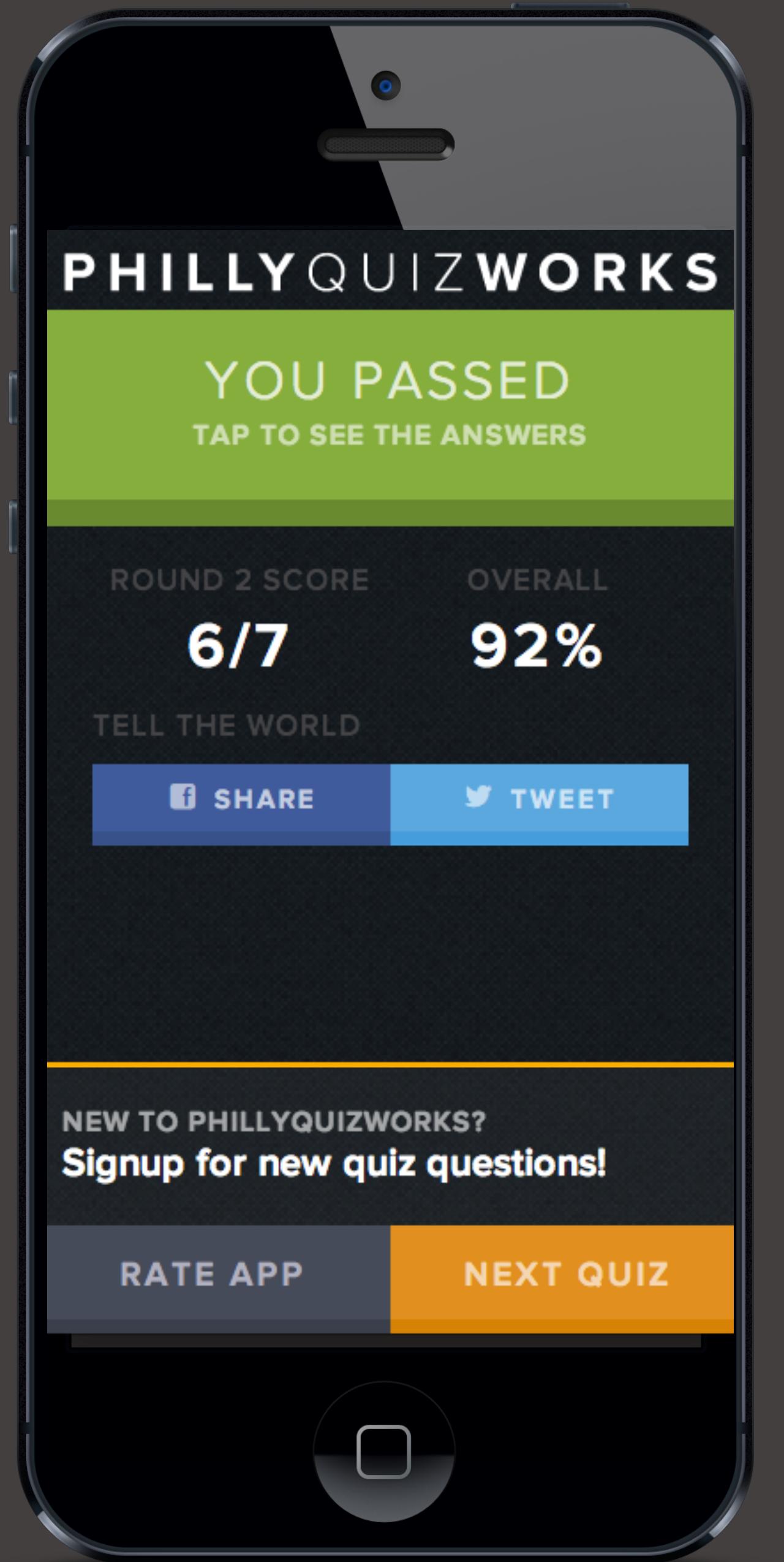


Charter school providers turned
down in Philly can make a case
before state appeals board



THE PHILADELPHIA EXPERIMENT
SRC approves new schools
with no money. What would
Thurgood say?

Gov. Wolf
charter sc



TechCrunch

techcrunch.com

HOME STARTUPS MOBILE GADGETS EUROPE VIDEO MORE

SEARCH

Why Microsoft Had No Choice But To Purchase Nokia's Handset Business | TechCrunch

03/why-microsoft-had-no-choice-but-to-purchase-nokias-handset-business/

HOT TOPICS YAHOO APPLE FACEBOOK TWITTER GOOGLE MICROSOFT NSA

CrunchGov CrunchU Guides Events CrunchBase

CRUNCH- BELIEV Burning Man Founder On Tech Billionaires

APPS Nokia's Devices Exit Fits Its Houdini History

GADGETS Like Apple, Microsoft Now Owns Its Phones

NEWS Microsoft NOKIA Microsoft And Nokia Ink \$7.2B Deal

Limited Student Tickets Available Get 90% Off General Admission Today! GET TICKETS NOW

ALEX WILHELM posted 23 mins ago

Why Microsoft Had No Choice But To Purchase Nokia's Handset Business

The news that Microsoft has purchased substantial assets from Nokia came as a surprise, but perhaps it shouldn't have. The underlying reason that Microsoft had little choice but to buy Nokia is plain: Nokia had too much control over the Windows Phone platform, and Microsoft could not afford to lose its primacy over its mobile efforts. → [Read More](#)

ERIC ELDON AND ALEXIA TSOTSIDIS posted 32 mins ago

Announcing Your Disrupt SF Finals Judges: Marissa Mayer, Roelof Botha, Keith Rabois, David Lee, Chris Dixon And Michael Arrington

FACEBOOK TWITTER GOOGLE MICROSOFT NSA

CrunchGov

HAVE A TIP, PITCH OR GUEST COLUMN? TELL US.

TRENDING STORIES

- Burning Man Founder On Tech Billionaires
- Nokia's Devices Exit Fits Its Houdini History
- Like Apple, Microsoft Now Owns Its Phones
- Microsoft And Nokia Ink \$7.2B Deal
- Turning Apple TV Into Ouroboros
- Sebastian Thrun, Gavin Newsom At Disrupt SF
- Nymi Is A Heartwave-Sensing Wristband That

Comments

9.3.13

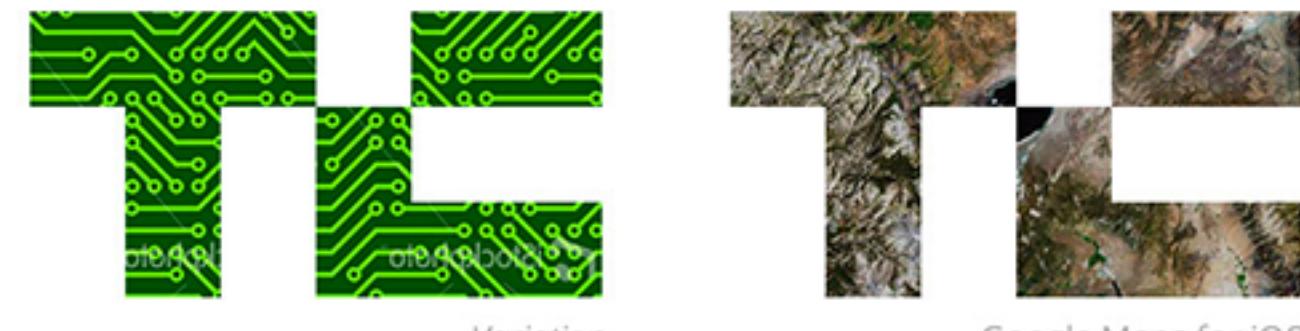
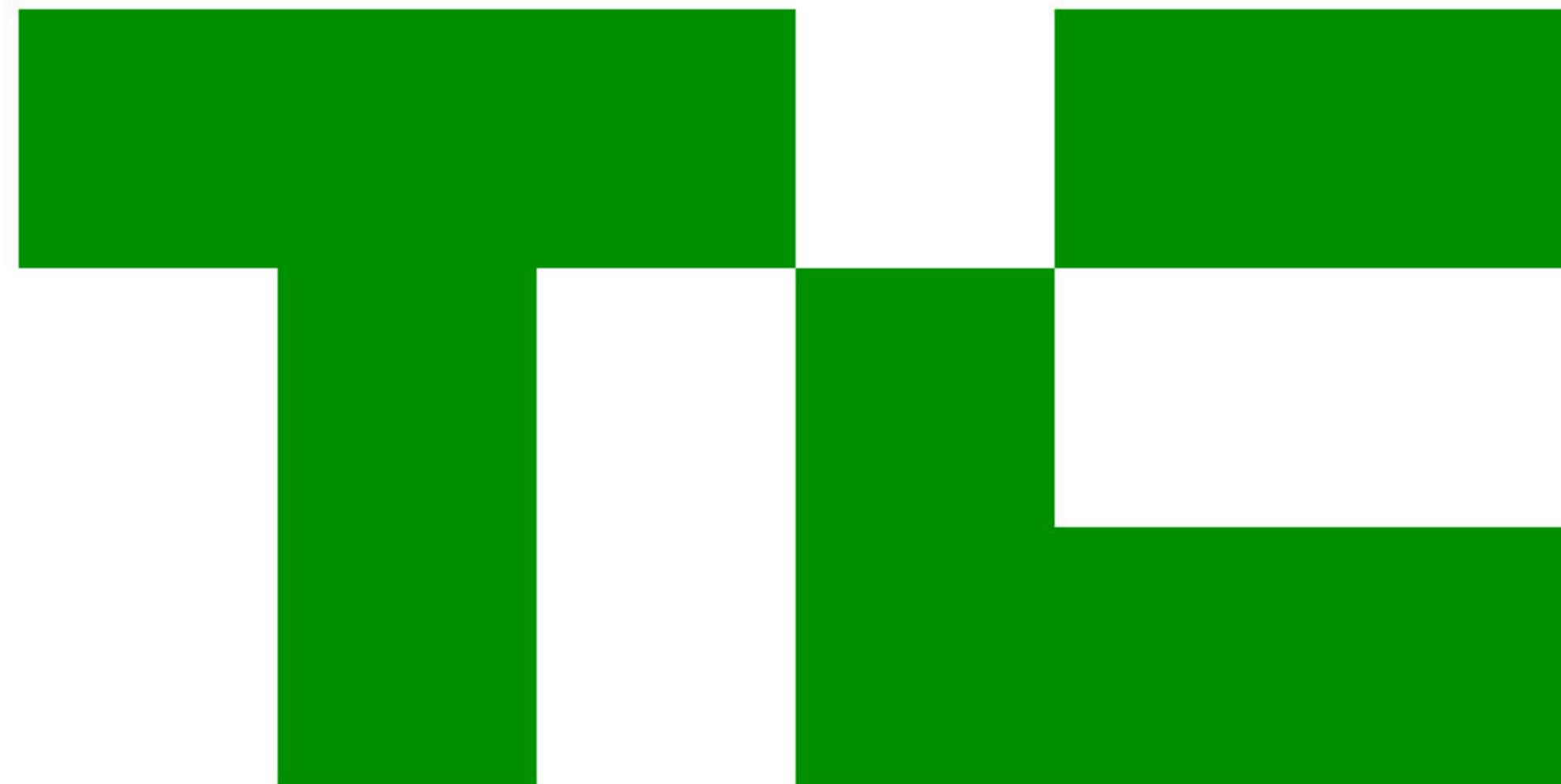
9.3.13

9.3.13

9.3.13

→ ALL ART

TREN



Google Maps for iOS



Remembering Steve Jobs



Netflix "House of Cards"



Facebook IPO



Election Day Prep



Windows 8 Announcement



Nintendo Launches Wii U

Got a tip? Let us know.

UP TO 32 HOURS OF BATTERY LIFE
DROID RAZR MAXX HD



M | verizon
LEARN MORE ▶

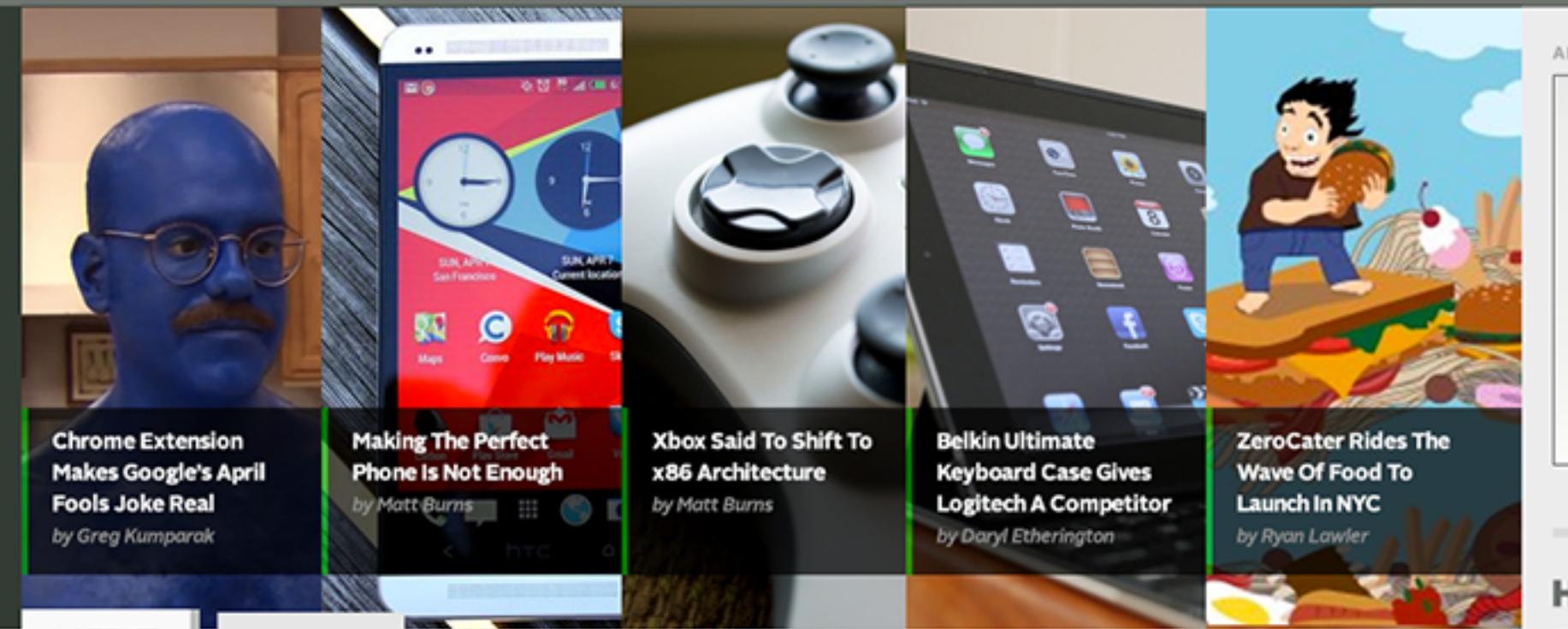
News ▾ Shows ▾ Events ▾

CrunchBase

Follow us

Search All ▾

ANNOUNCEMENT Aenean lacinia bibendum nulla sed consectetur.



LATEST

POPULAR

33 min ago

Vavuud Wind Meter For Smartphones Contains No Electronics, Delivers Accurate Ground Wind Speed Readings

by [Darrell Etherington](#)

Smartphones have a lot of on-board sensors, but do they really have enough? No way, say a slew of recent hardware startups, of which Danish Vavuud is only the most recent. Vavuud is turning to Kickstarter to help build a smartphone-compatible wind meter, one that miraculously contains no electronics and yet still can communicate accurate wind speed measurements wirelessly to iPhones and Galaxy devices. [Read More](#)



33 min ago

Skype Restores People Hub Integration In Latest Windows Phone Update, Adds HD Video

by [Sarah Perez](#)

Skype released an update today for Windows Phone, which restores the "People Hub" integration (Windows Phone's fancy address book) that had been disabled in January due to bugginess and performance issues. Though today's blog post from Skype doesn't directly address the Hub's former problems, it does hint at them by saying that the new release focuses on "increasing quality and reliability." [Read More](#)



41 min ago

Google Embeds March Madness Bracket In Search, Because Screw Sports Sites

by [Chris Velazco](#)

★ YC-Backed Kamcord Aims To Help Share A Billion Game Recordings A Day (With Some Help From Zynga)

by [Chris Velazco](#)

Y Combinator-backed Kamcord got off to a strong start last year — it locked up \$1.5 million in seed funding just a few months after its official debut — and



UP TO 32 HOURS OF BATTERY LIFE
DROID RAZR MAXX HD



M | verizon
LEARN MORE ▶

Shows ▾ Events ▾ Crunchbase

f g+ in YouTube

Search All ▾

The Microsoft Surface Pro Proves That The PC Is Back

33 ago by [John Biggs \(@johnbiggs\)](#)

ADVERTISEMENT

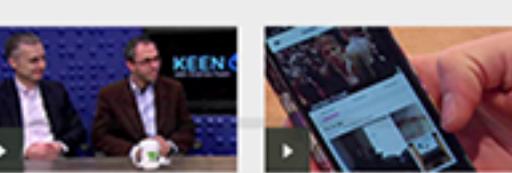
WESTIN[®]
HOTELS & RESORTSEnjoy a free night and up to a \$100 credit at Westin Resorts.
Book now >>

Have a tip, pitch or guest column? Tell Us.
[Send a Tip](#)

TV Shows



The TechCrunch 'Lean In' Roundtable:
Full Video And Transcript

by [Colleen Taylor & Leena Rao](#)[More TV Shows](#)

come bearing glad tidings. After decades of OEM malaise, a constant parroting of the speeds and feeds mantra, and an aesthetic that was formulated in the back room of a dingy Staples office supply store, the PC is really back.

In short, the Surface Pro is so good that it could drive Windows 8 adoption with enough force to make people reconsider Microsoft's odd new OS. Microsoft bet the farm on a new paradigm and it needs a champion. Surface Pro is the right hardware for the job.

I haven't been a Surface apologist and, although I've seen Windows 8 as more of a success than a failure, no hardware has truly made me see the value of the platform until this model Surface. But enough effusive praise, let's look at the hardware.

Pro vs. RT



Back in November I noted that Microsoft launched the Surface RT long before the platform was stable or even interesting. The RT, as you'll remember, runs a quad-core Cortex-A9 ARM chip clocked at 1.3 GHz. It's not awful, but it's not great, either.

This model attempts to right those wrongs by turning the Surface from a "tablet" device into a what essentially amounts to a Windows laptop.

This is an important distinction. The Surface isn't supposed to be a tablet you drop on the coffee table and use when you want to look up something on IMDB. It's a powerful computer with enough speed and graphics chops to give any other manufacturer's laptop a run for its money. Previous Windows tablets have been hampered by a strange and messy amalgam of interfaces, pen input, and a focus on the slate form factor. This device, on the other hand, is a real hybrid — a laptop that is also a tablet that is also a media consumption device. You will use it just like you use a laptop whereas, by definition, the hobbled RT version of the Surface is meant to be used as a tablet.

Hardware

In examining the Surface Pro we must remember that, physically, the Pro is essentially the same device as the Surface RT. It is very slightly thicker at exactly a half inch versus .37 inches for the RT. It is also a half a pound heavier than the 1.5 pound RT.

The system runs an Intel dual-core 1.7GHz Core i5 chip and comes with 6GB of 1796MHz DDR3L memory, as mentioned.



Got a tip? Let us know.

News ▾ TV Shows ▾ Events ▾

Announcement This is where an important announcement

Disrupt NY

New York City
April 27–May 1, 2013

[PURCHASE TICKET](#)

Event Home Speakers Agenda



Eric Eldon
Founder, Mightybell



Alexia Tsotsis
Founder, Mightybell



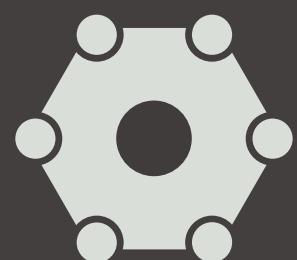
Mike Butcher
Founder, Mightybell



Eric Eldon
Founder, Mightybell

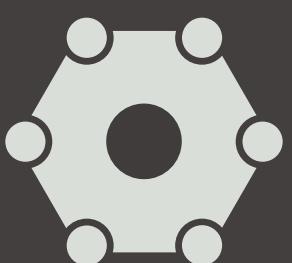
Possible Process

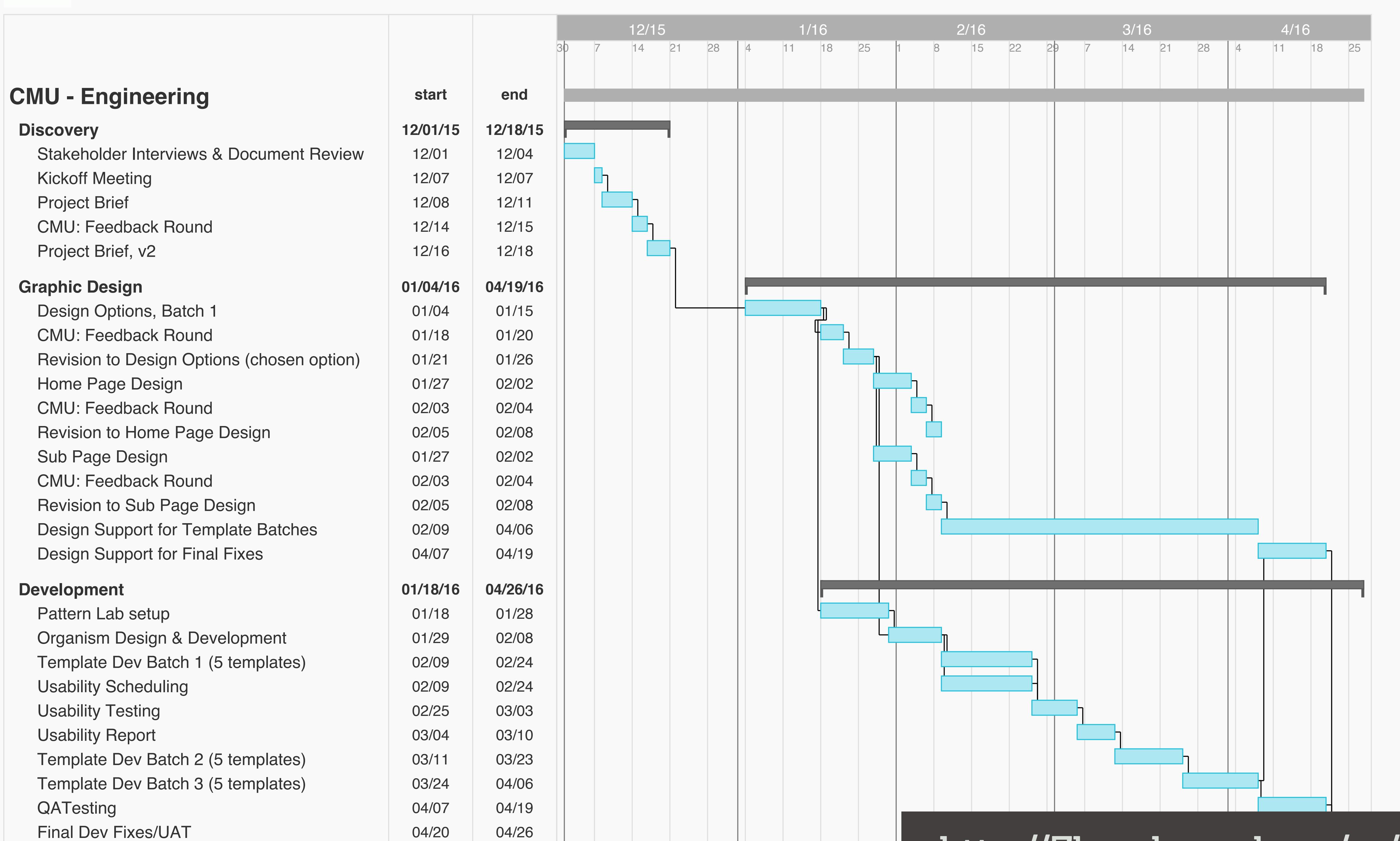
Ways we like to work.

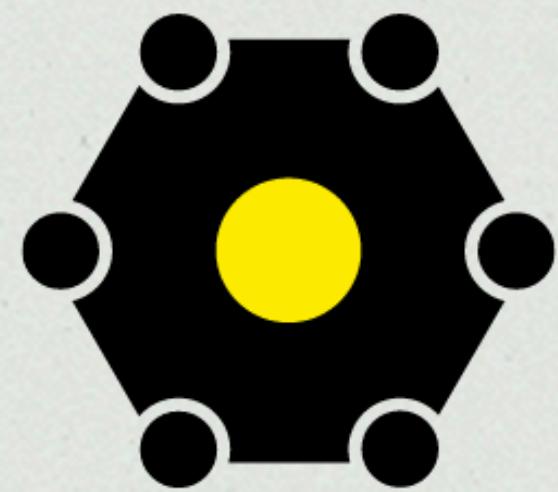


Forecasting The Future

Possible Process







**SEVEN
HEADS
DESIGN**

Carnegie Mellon University
College of Engineering

PROJECT HUB

[View the Gantt Chart for this project.](#)

- **Project Brief, Version 1**
December 11, 2015—42 days from now
- **Kickoff Meeting - Photos, Notes, and Takeaways**
December 7, 2015—38 days from now
- **Seven Heads Design Presentation in New York City**

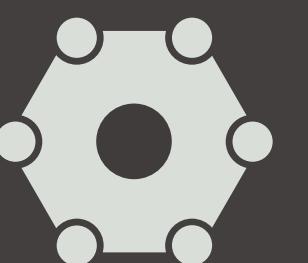
October 30, 2015

We're thrilled to meet with you in person to present our team and approach. This Project Hub serves as a high-level outline of this project's major deliverables and milestones, showing project team members what has been completed and what's to come.

- [Presentation Deck \(PDF\)](#)
- [Sample Project Timeline \(Website\)](#)
- [Sample Project Timeline \(PDF\)](#)

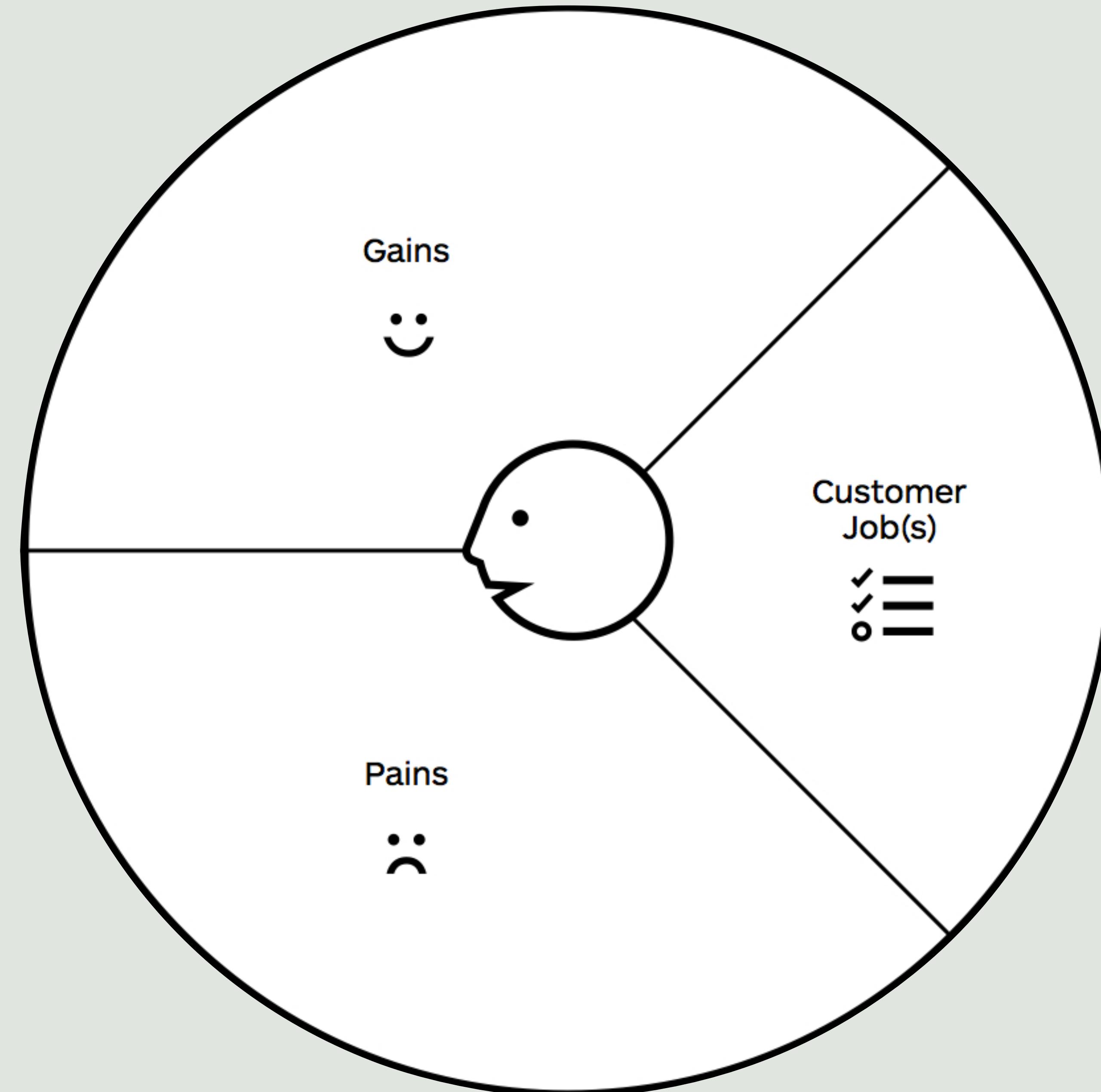
Starting Strong

Possible Process



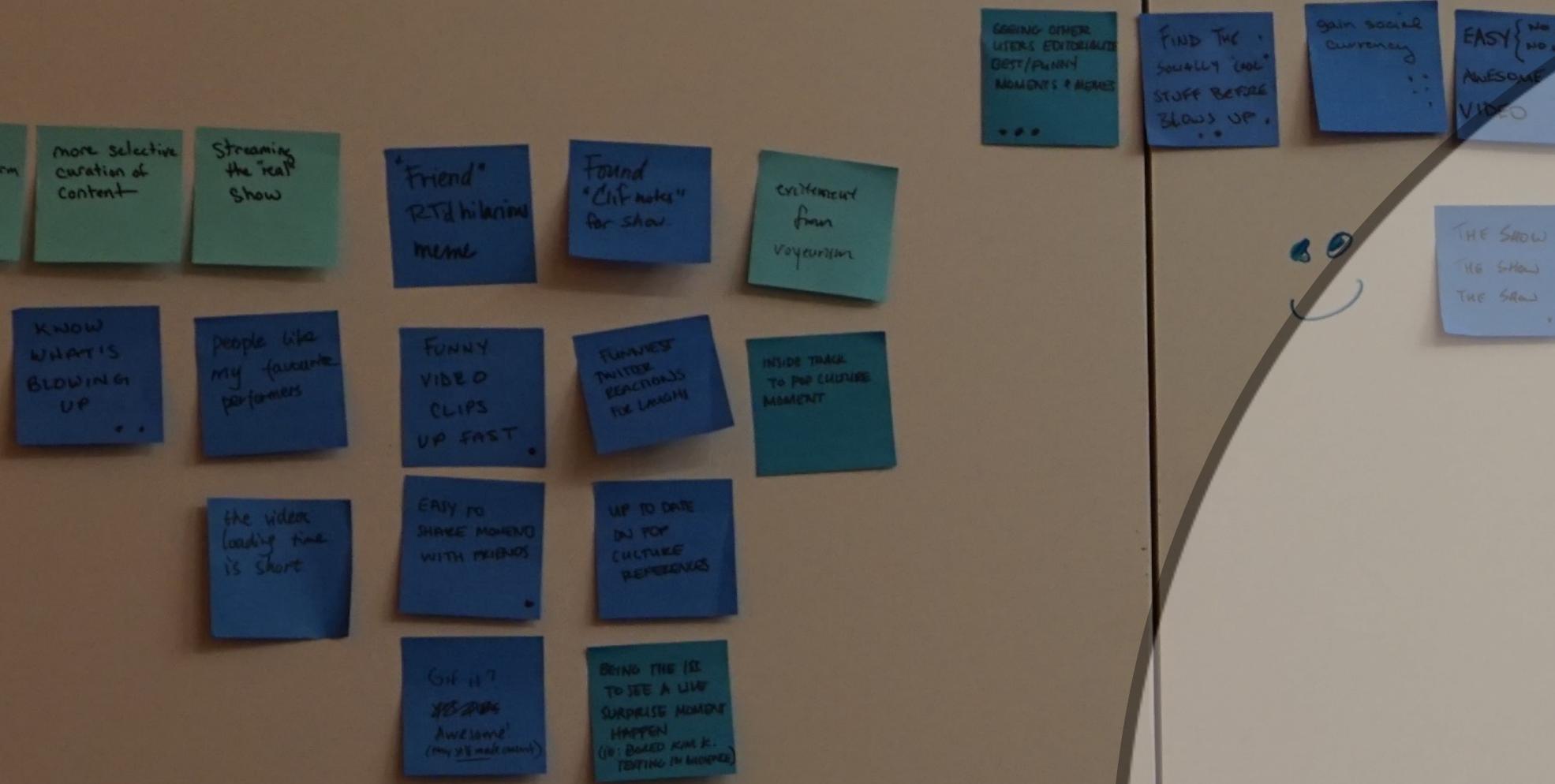


Customer Profile Map

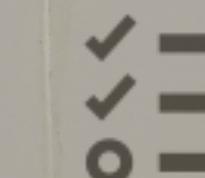


Lean Back

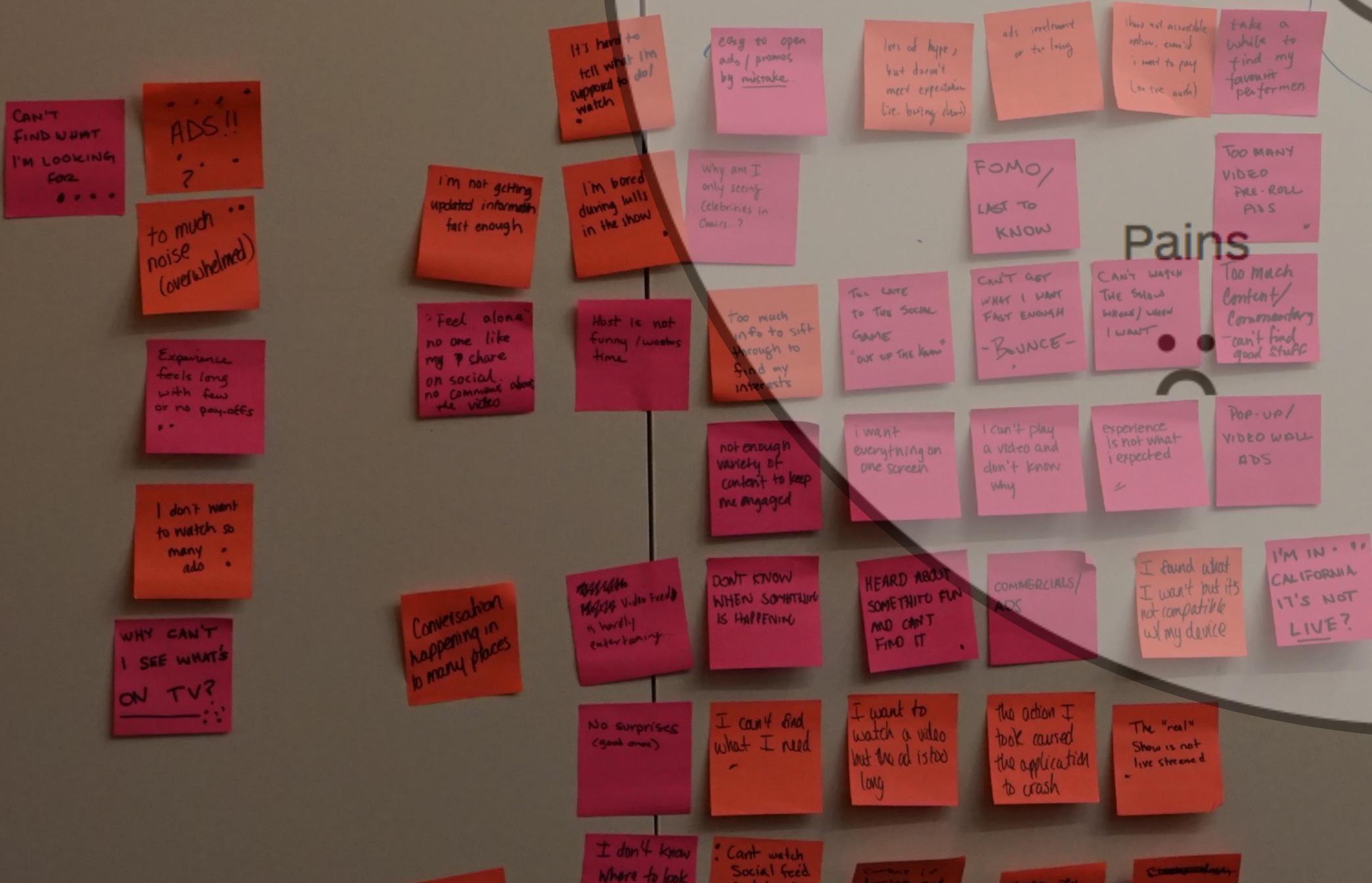
Gains



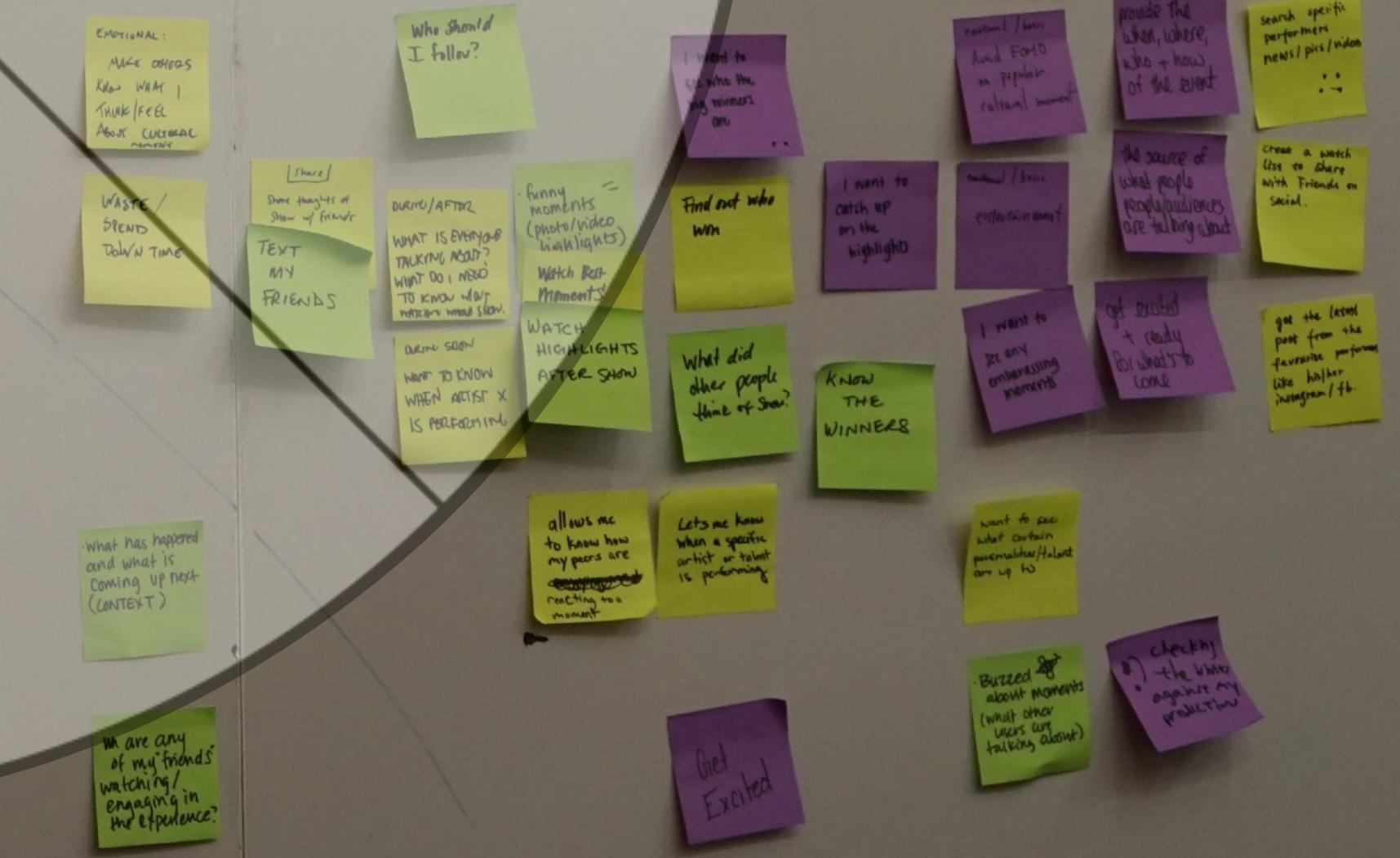
Customer Job(s)



Pains

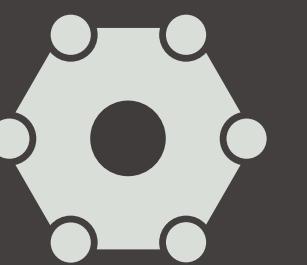


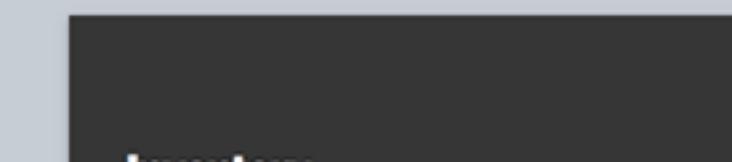
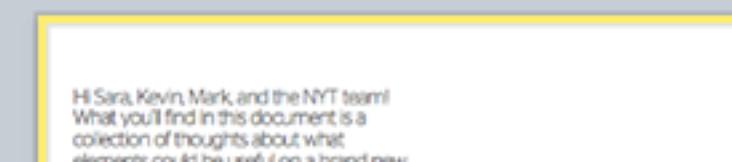
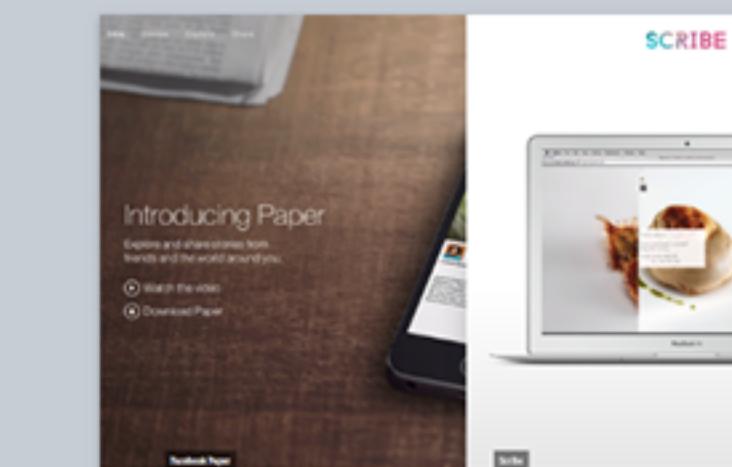
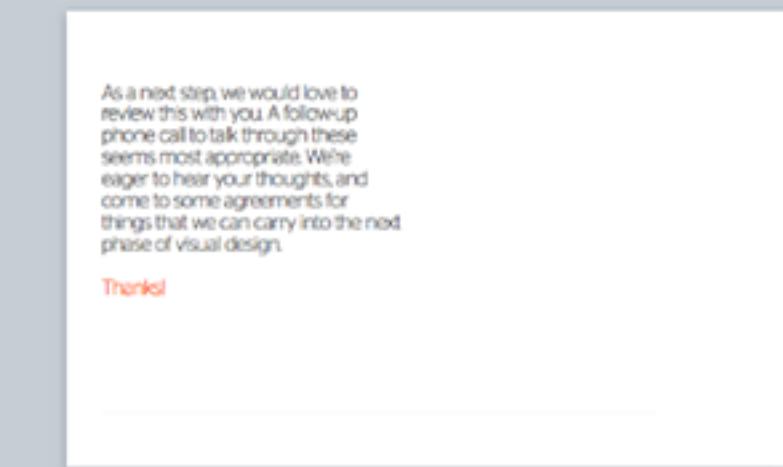
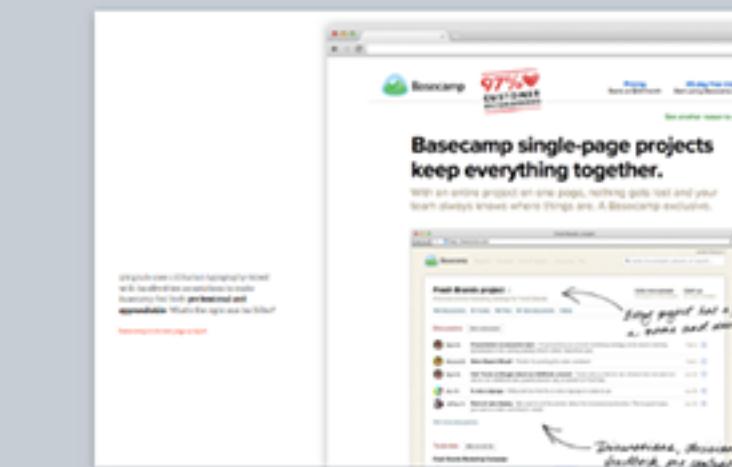
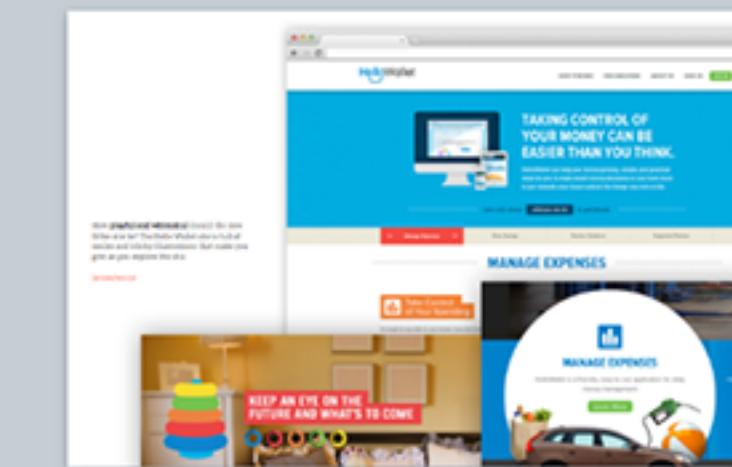
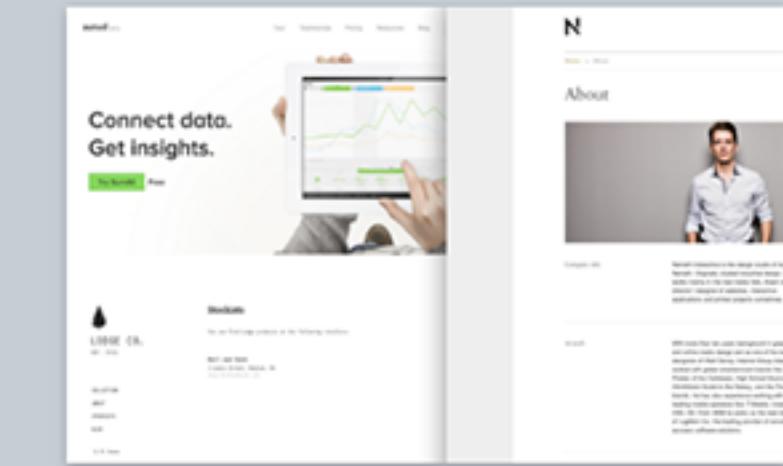
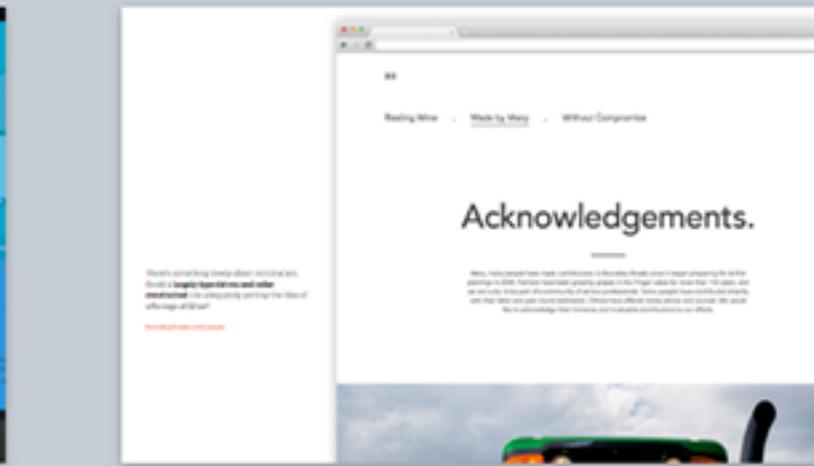
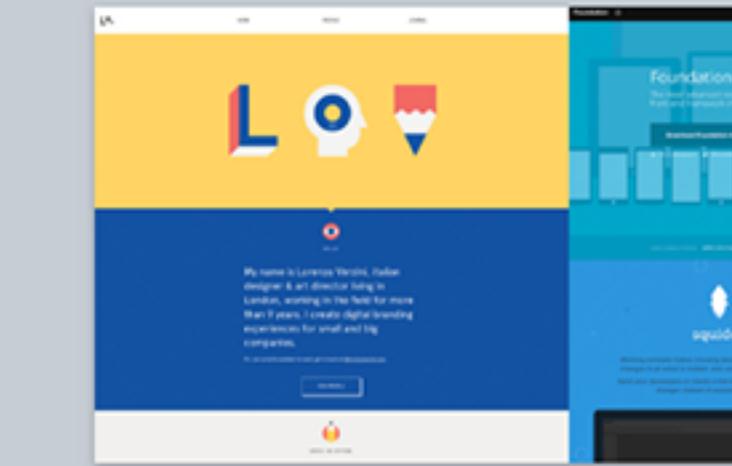
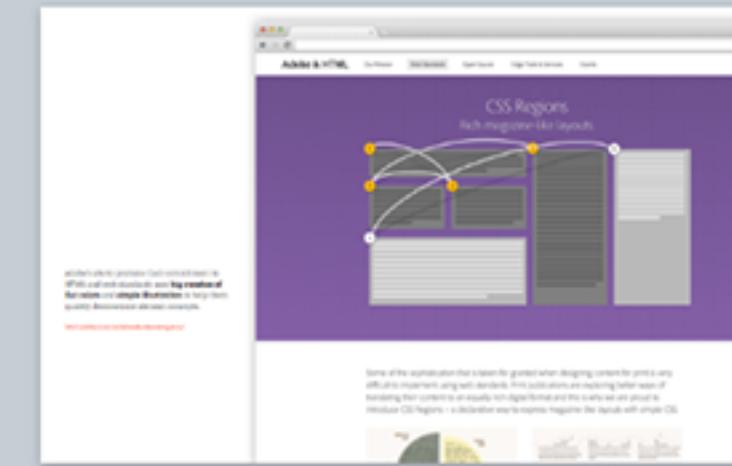
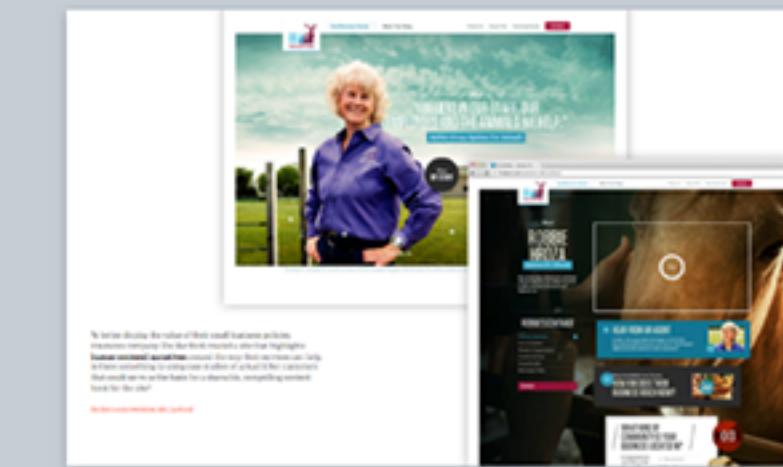
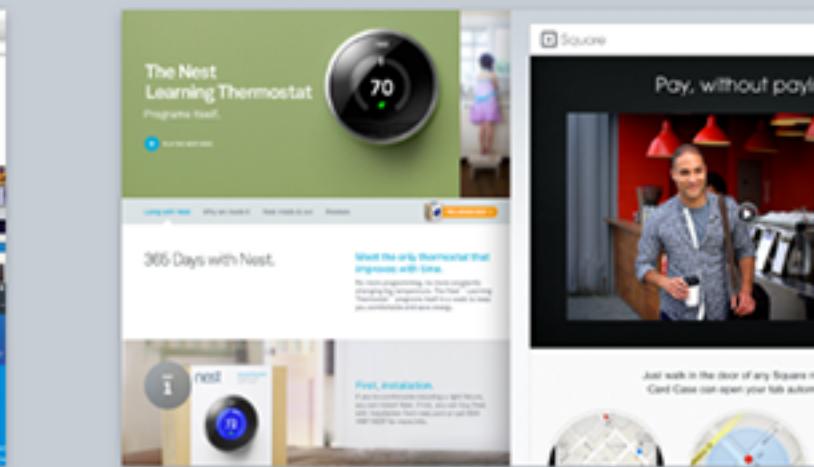
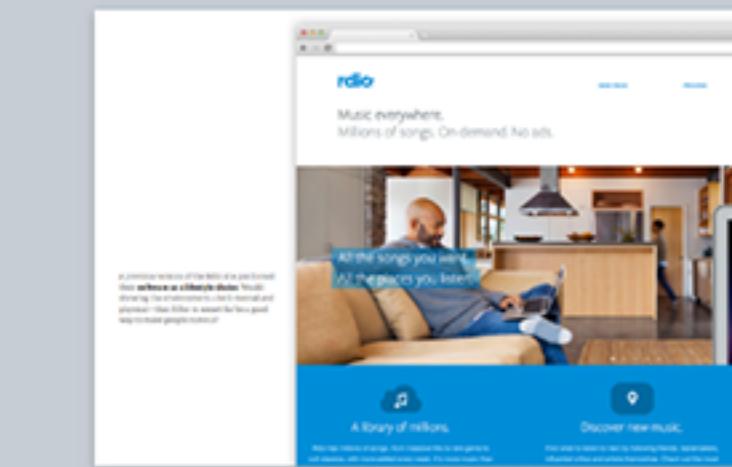
Customer Job(s)

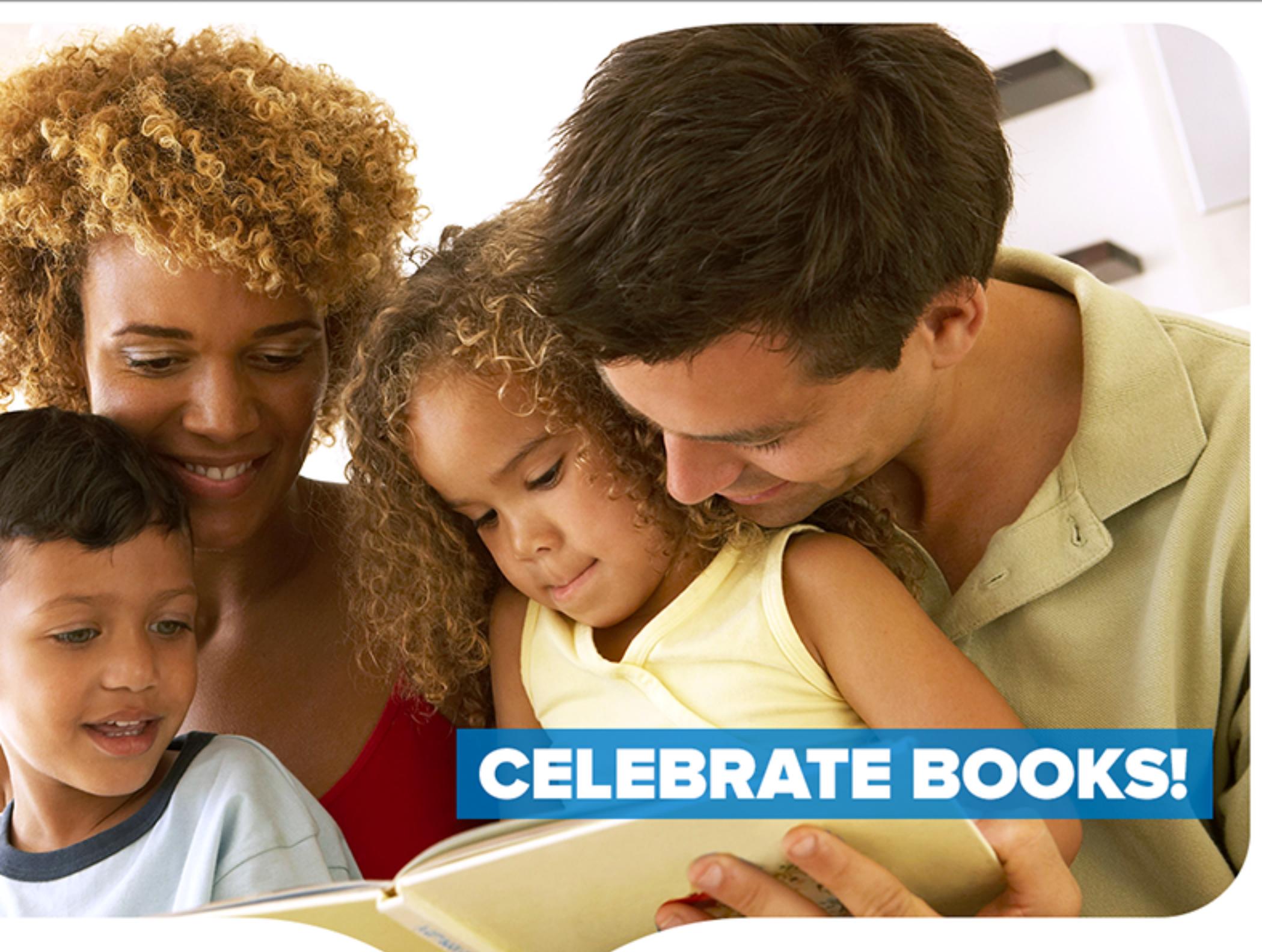


Speaking Visually

Possible Process







[DONATE](#) [DONATE](#) [DONATE](#) [DONATE](#)



GIVE A GIFT THAT'S JUST RIGHT.

Curabitur blandit tempus porttitor. Donec sed odio dui. Cras justo odio, dapibus ac facilisis in, egestas eget quam.

[SEE HOW YOU CAN HELP](#)

1 ENTER AN AMOUNT

\$ 50.00

20 books

\$50 will get 20 books to kids who need them.

I want to make a donation.

I want to make a donation



[HELP](#)

A BOOK LIST “AROUND THE WORLD”

Powered by *Reading Rockets*

[PURCHASE THIS SET](#)

SUNGURA and the LEOPARD
A SAVUHIL TRICKSTER TALE
by MALKSI
Illustrated by BARBARA KNUDSEN

Wiley and the Hairy Man
Illustrated by DREW DICKERY

THE TALE OF RABBIT AND COYOTE
Illustrated by TONY ADAMS and STEPHIE DICKERY

OWL MOON
by Jane Yolen

Among the greatest charms of children is their ability to... as a magical adventure. Such as a walk in the woods late at... captures this wonderment in a book whose charm rises fr... was late one winter night, long past my bedtime, when Pa... The two walked through the woods with nothing but hope... a journey that will fascinate many a child. John Schoenh... help bring richness to the countryside adventure. The boo... Caldecott Medal.



ma Sans Condensed Light
 ma Sans Condensed Regular
 ma Sans Condensed Semibold
 ma Sans Condensed Bold
 ma Sans Condensed ExtraBold

ma Nova Regular
 ma Nova Regular *Italic*
ma Nova Bold
ma Nova Bold Italic
ma Nova Black
ma Nova Black Italic



CONTENT DIVIDER TREATMENT #1

CONTENT DIVIDER TREATMENT #2

SELECTOR BAR #1



SELECTOR BAR #2



TABLET TOP NAVIGATION BAR (PLACEHOLDER LOGO)



IPHONE TOP NAVIGATION BAR (PLACEHOLDER LOGO)



MAIN LOWER NAVIGATION BUTTON TABS



GO TO BUTTON/BAR



FOOTER SIGN UP



HEADLINE/CAROUSEL AREA #1



Game of Thrones gets season 4
 Lorem ipsum dolor sit amet

HEADLINE/CAROUSEL AREA



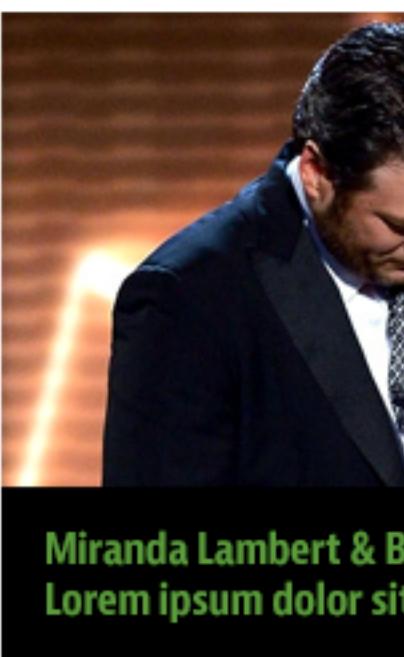
Game of Thrones gets season 4
 Lorem ipsum dolor sit amet

HEADLINE/CAROUSEL AREA #2



Miranda Lambert & Blake Shelton
 Lorem ipsum dolor sit amet

HEADLINE/CAROUSEL AREA



Miranda Lambert & Blake Shelton
 Lorem ipsum dolor sit amet

HEADLINE/CAROUSEL AREA #3



Game of Thrones gets season 4
 Lorem ipsum dolor sit amet

HEADLINE/CAROUSEL AREA



Game of Thrones gets season 4
 Lorem ipsum dolor sit amet

HEADLINES

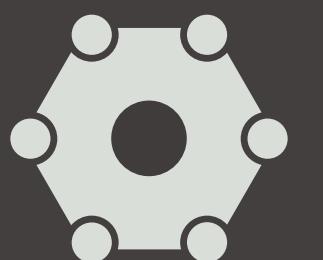
	Lorem ipsum dolor sit amet, adipisicing elit, sed do eiusmod.
	Lorem ipsum dolor sit amet, adipisicing elit, sed do eiusmod.
	Lorem ipsum dolor sit amet, adipisicing elit, sed do eiusmod.
	Lorem ipsum dolor sit amet, adipisicing elit, sed do eiusmod.
	Lorem ipsum dolor sit amet, adipisicing elit, sed do eiusmod.

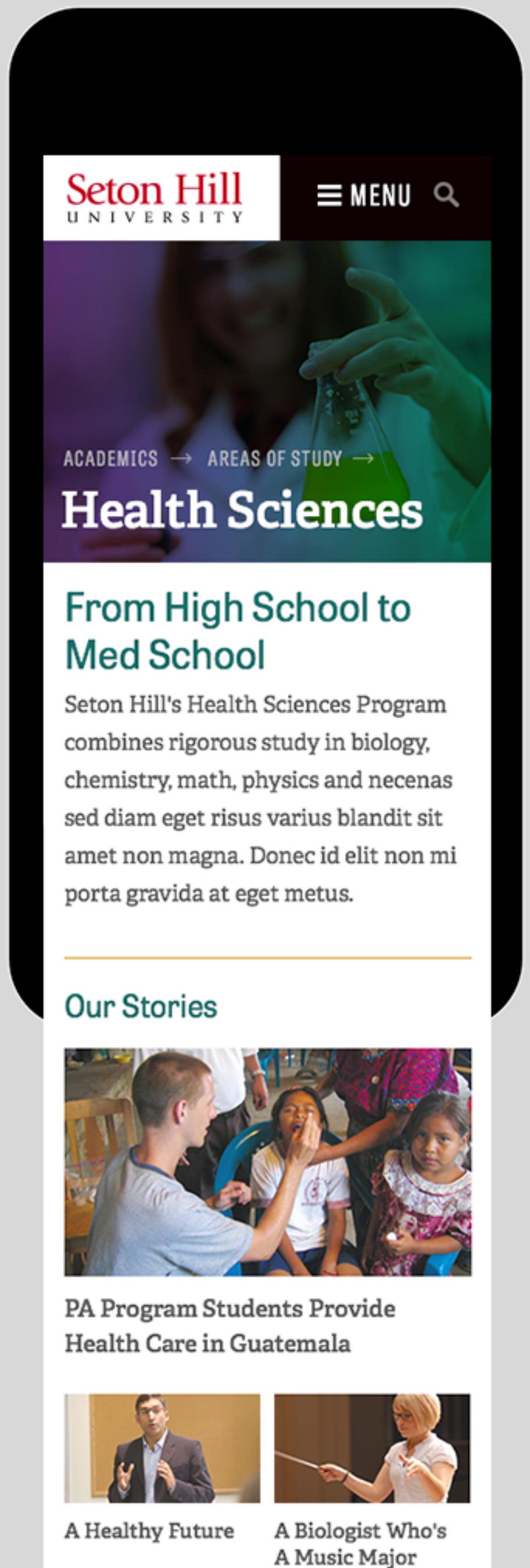
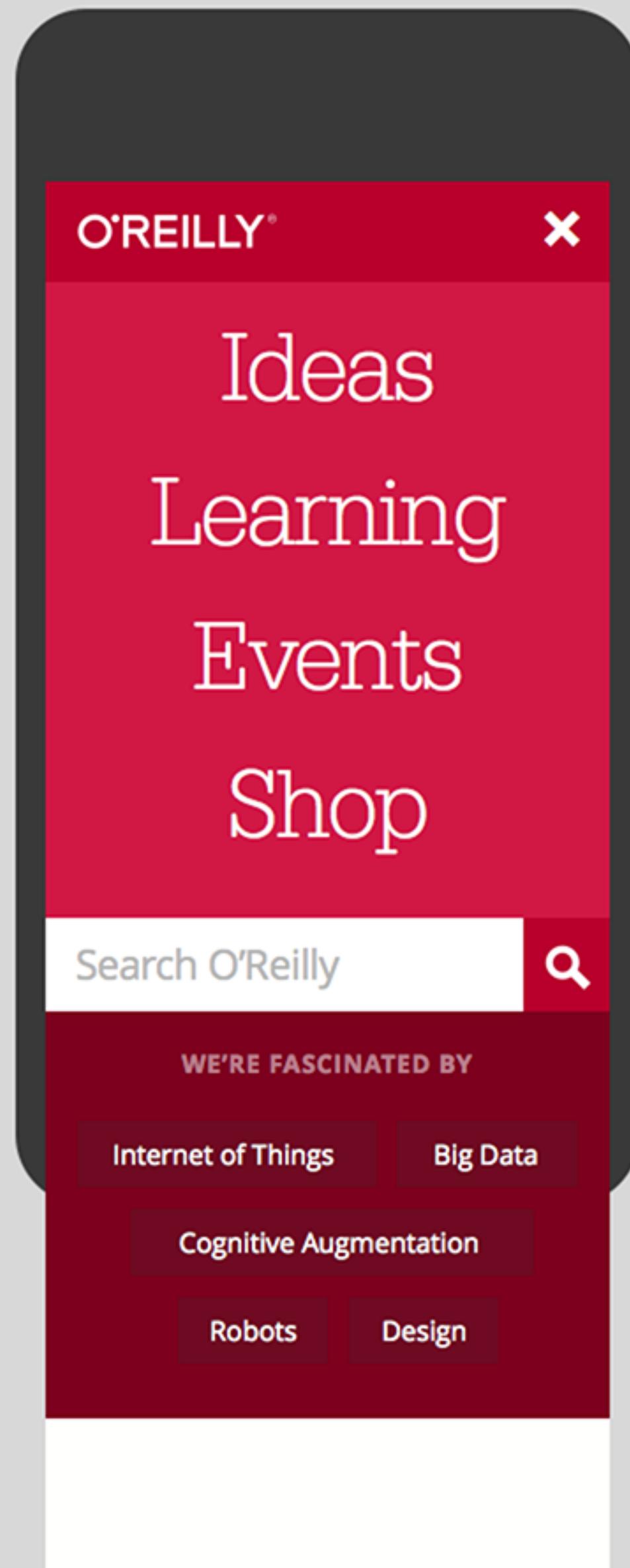
HEADLINES

	Lorem ipsum adipisicing

Making It Real

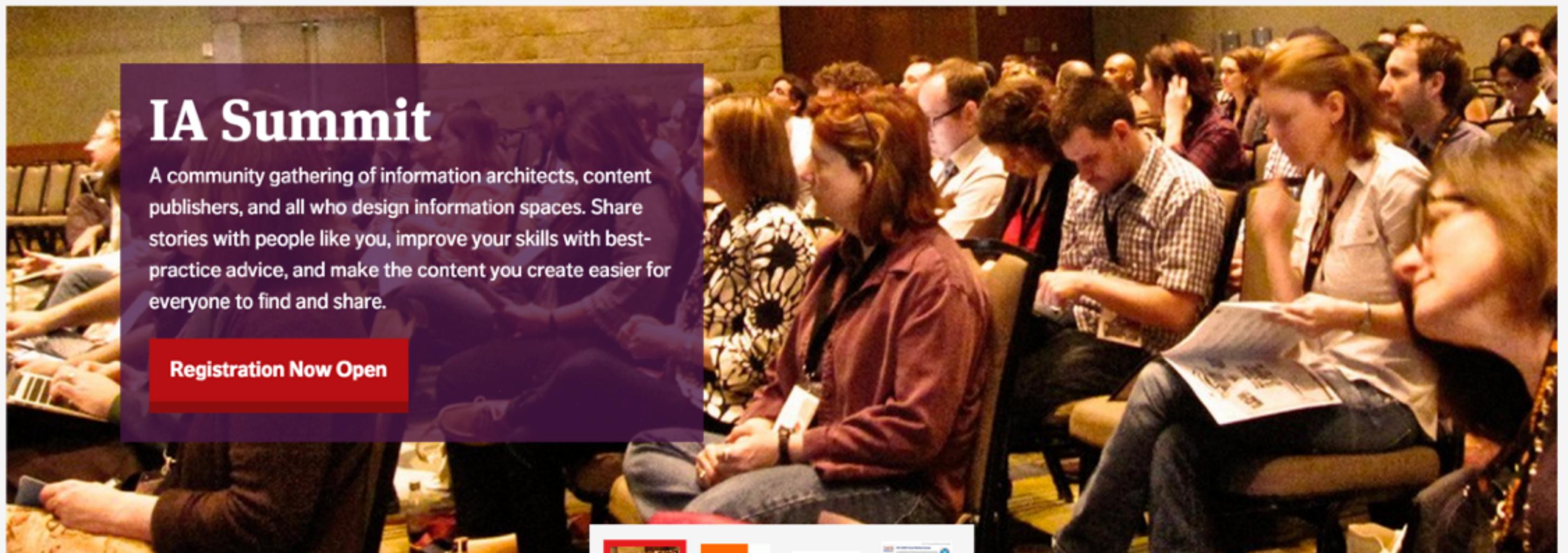
Possible Process







Association for Information Science and Technology

[JOIN](#)[EVENTS](#)[NEWS](#)[PUBLICATIONS](#)[ABOUT](#)[FIND YOUR GROUPS](#)*The information professional's association for the information age.*

THE LATEST



ALISE 2015: Breaking down silos, pouring coffee

From February 4, 2015

Last week, I had the opportunity to attend the ALISE 2015 conference in Chicago. ALISE is the Association for Library and Information Science Education. Its members are LIS faculty members



On webinars on webinars

From January 26, 2015

How many of you know about ASIS&T's webinar program? The association provides a wide range of webinars. Most webinars are free for ASIS&T's members, and they are archived so you can view them at any time. With our webinars, you can learn about new things at any time and from any place. They're so nice! [1]



About ASIS&T

About ASIS&T

[What is Information Science?](#)[Become a Volunteer](#)[History of ASIS&T](#)[Awards and Recognition](#)[Meet Our Board](#)[Meet Committees & Task Forces](#)[Meet Our Staff](#)[History of Information Science](#)[Meet Our Members](#)

The Association for Information Science and Technology (ASIS&T) is the only professional association that bridges the gap between information science practice and research. For over 75 years, ASIS&T has been leading the search for new and better theories, techniques, and technologies to improve access to information.

Our members—thousands of researchers, developers, practitioners, students, and professors in the field of information science and technology from 50 countries around the world—have made ASIS&T an important part of their professional development.

Members share a common interest in improving the ways society stores, retrieves, analyzes, manages, archives and disseminates information.

As the preeminent professional association in the field, ASIS&T:

- Provides career development and leadership opportunities through our [student chapters](#) and [regional chapters](#)
- Connects practitioners, researchers, students, and organizations from throughout the field through [special interest groups](#) and at annual [events](#), including the [IA Summit](#) and [Annual Meetings](#)
- Edits, publishes, and disseminates publications concerning research and development
- Shares important professional education through webinars
- Acts as a sounding board for promotion of research and development and for the education of information professionals

ASIS&T members represent such fields as:

- Information science
- Computer science
- Linguistics
- Management
- Librarianship
- Engineering
- Law
- Medicine
- Chemistry
- Education

ASIS&T supports [regional chapters](#) and [student chapters](#) throughout the U.S. and abroad, as well as varied [special interest groups \(SIGs\)](#)—diverse professional groups organized by specialty and focus, such as bioinformatics, information architecture, and visualization, images, and sound.

Mission

The mission of the Association for Information Science and Technology is to advance the information sciences and related applications of information technology by providing focus, opportunity, and support to information professionals and organizations.

Vision

Establish a new information professionalism in a world where information is of central importance to personal, social, political, and economic progress by: Advancing knowledge about information, its creation, properties, and use; Providing analysis of ideas, practices, and technologies; Valuing theory, research, applications, and service; Nurturing new perspectives, interests, and ideas; Increasing public awareness of the information sciences and technologies and their benefits to society.

[Constitution and Bylaws](#)[Organization Chart](#)

Contact Us

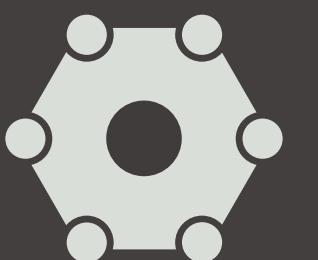
For questions or more information, please call (301) 495-0900 or email us at asis@asis.org.

**Eugene Garfield****77/50**

ASIS&T has been in existence for over 77 years and is represented in 50 different countries. [Find a group](#) and be a part of it all!

Proving Our Assumptions

Possible Process





**SEVEN
HEADS
DESIGN**

Seton Hill
UNIVERSITY

PROJECT HUB

[View the Gantt Chart for this project.](#)

[View the Gantt Chart for this project.](#)

• Usability Testing Findings and Recommendations

August 12, 2015

Findings and Recommendations

Using the System Usability Scale methodology, these tests produced a 91 average score out of 100. This means that the participants found the site **VERY** usable.

Individual test subject scores are

- 87.5 (Prospective undergrad)
- 85 (Prospective undergrad)
- 95 (Prospective parent)
- 90 (Prospective undergrad)
- 95 (Prospective undergrad)
- 97.5 (Prospective parent)
- 92.5 (Prospective grad)
- 90 (Prospective undergrad)

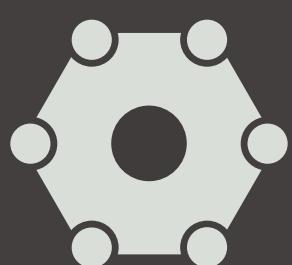
To learn more about the System Usability Scale, go to
<http://www.usability.gov/how-to-and-tools/methods/system-usability-scale.html>.

When asked what grade they would give the site, grades were

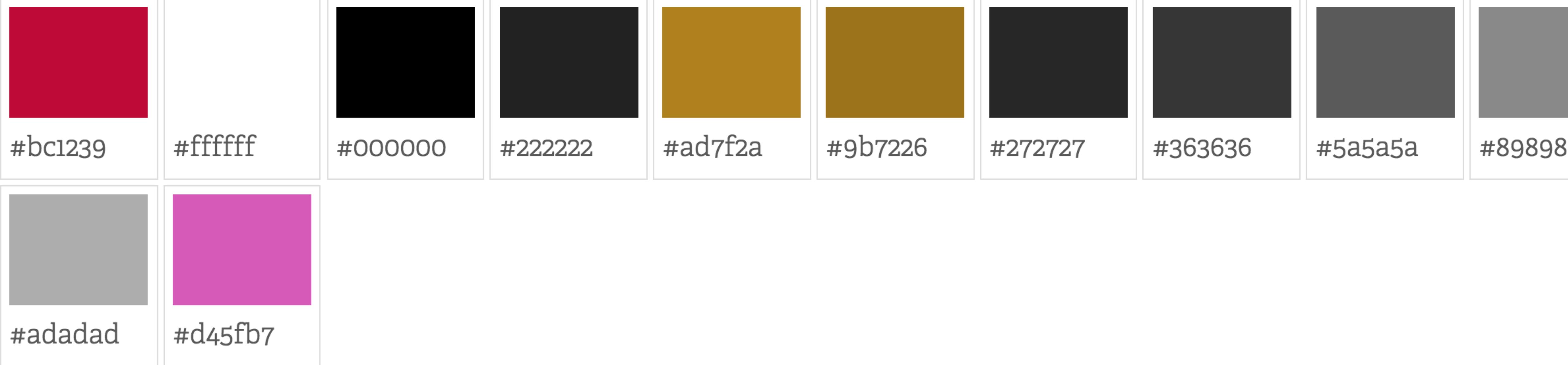
- A (Prospective undergrad)
- A (Prospective undergrad)
- B (Prospective parent)
- A (Prospective undergrad)
- A+ (Prospective undergrad)
- B+ (Prospective parent)
- A- (Prospective parent)
- A (Prospective parent)

Building The Bricks

Possible Process



Colors



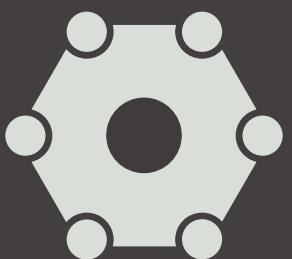
Fonts

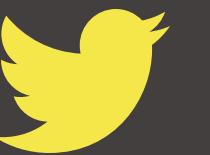
Adelle: "adelle", Georgia, Arial, sans-serif

<http://setonhillpatterns.sevenheadsdesign.com>

Review Your Questions

What can we discuss more?





@danielmall

@gjhead

@iamjolly

@kevinmhoffman

Thank You!

Carnegie Mellon University
College of Engineering

sevenheadsdesign.com

