Web 3.0 in Higher Education

Report Release

The Illuminate Consulting Group

15 September 2011

This document was presented at the 2011 EAIE Annual Conference in Copenhagen, Denmark on 15 September 2011.

It shall be considered incomplete without oral clarification. ICG assumes no liability from any party acting upon information contained in this document.

No part of this document may be used or quoted from without the express written permission of ICG.

Copyright ICG, 2011. All rights reserved.

ONLINE RECRUITMENT AND ENGAGEMENT Lund University

Housekeeping - And What is Web 3.0?

A Brief Overview of the Web 3.0 Report

Admissions and Recruitment Videos: Lipdubs, Yale, Tufts, Oxford

Student Generated Content and Research: LLM Guide

Online Recruitment and Engagement: Lund's Facebook Page

Integrated Outreach Campaigns: OSU "Powered by Orange"

Discussion

- Around 40 minutes for the presentation.
- The presentation is available for download on <u>www.icg.ac.</u>
- The Web 3.0 in Higher Education report is commercially available it represents more than 1,150 hours of research and analysis.

 Tim O'Reilly, founder of O'Reilly Media, provided the following definition of Web 2.0 around 2006 –

"Web 2.0 is the business revolution in the computer industry caused by the move to the Internet as platform, and an attempt to understand the rules for success on that new platform... Build applications that harness network effects to get better the more people use them."

 O'Reilly's definition of Web 3.0 – the leveraging of the things created in Web 2.0.

... "it's when we apply all the principles we're learning about aggregating human-generated data and turning it into collective intelligence, and apply that to sensor-generated (machine-generated) data."

• Reid Hoffman, founder of LinkedIn, has said that the next big trend in the evolution of the Web, is data:

...if Web 2.0 involves "real identities" and "real relationships", then Web 3.0 will be "real identities generating massive amounts of data."

ONLINE RECRUITMENT AND ENGAGEMENT Lund University

Housekeeping - And What is Web 3.0?

A Brief Overview of the Web 3.0 Report

Admissions and Recruitment Videos: Lipdubs, Yale, Tufts, Oxford

Student Generated Content and Research: LLM Guide

Online Recruitment and Engagement: Lund's Facebook Page

Integrated Outreach Campaigns: OSU "Powered by Orange"

Discussion

WEB 3.0 REPORT – TABLE OF CONTENTS

Methodological Considerations: Web Statistics and Analytics

Methodology Online Communities Web Analytics Providers

Marketing, Recruiting and Admissions

Recruiting Online Admissions Testimonials and Videos Lund's International Facebook Page Texas A&M and Facebook Waikato's Great Social Experiment on Bebo

Outreach, Branding, and Networking

Oregon State University and "Powered by Orange" Connect to Canada Saddam Hussein: The Power of Social Network Analysis

Alumni and Fundraising

The Obama Fundraising Campaign UC Berkeley and @cal Alumni Portal Deutschland Caltech and a New Approach to Alumni Networking McGill University's AlumniLive365 Portal

Teaching and Learning

UC Berkeley's YouTube EDU Channel The University of Arizona and iTunesU

Risk Management: From Brand Protection to Identity Fraud

Perry Gregg Orest Lougounov Class of 2013 Groups on Facebook

Insights, Perspectives, and Recommendations

ONLINE RECRUITMENT AND ENGAGEMENT Lund University

Housekeeping - And What is Web 3.0?

A Brief Overview of the Web 3.0 Report

Admissions and Recruitment Videos: Lipdubs, Yale, Tufts, Oxford

Student Generated Content and Research: LLM Guide

Online Recruitment and Engagement: Lund's Facebook Page

Integrated Outreach Campaigns: OSU "Powered by Orange"

Discussion

INTRODUCTION – COLLEGE ADMISSIONS

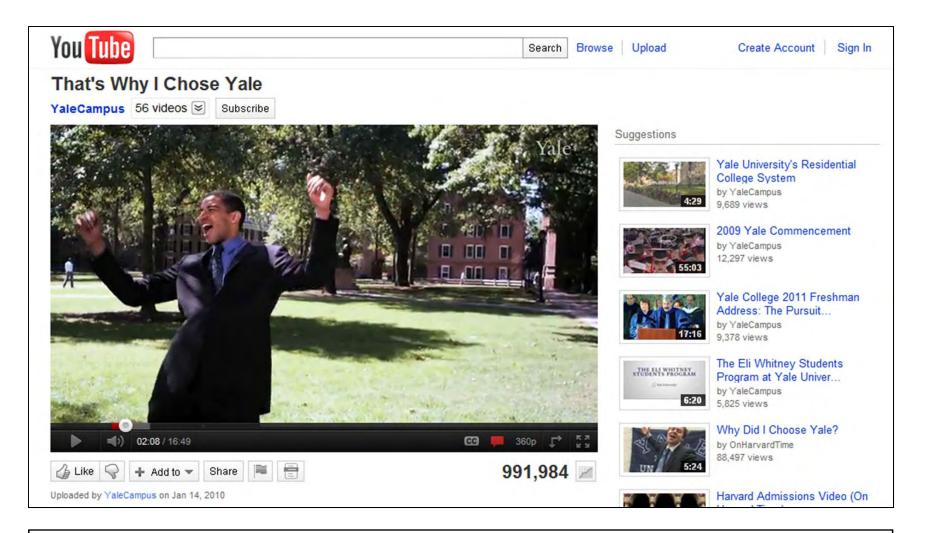
- Traditional admissions procedure relied on paper-based communication and followed a codified set of rules
- Communication never involved two-way interaction
- With the popularization of Internet-based technologies the nature of admissions process has been shifting towards a more interactive model
- Institutions are now running student-centric campaigns
- Prospective students are offered the chance to market themselves as individuals via non-conventional channels (e.g. video)

THAT'S WHY I CHOSE YALE – YALE UNIVERSITY Key Metrics

- Yale is globally known for the quality of its research, academic programs and the selectivity of its admissions process
- Recently Yale Admissions Office circulated institutional videos ("Yale and the World")
- In 2009 a new approach resulted in the YouTube video "That's Why I chose Yale"
 - Long musical (16 minutes) starring (volunteer) Yale students and faculty
 - Low budget video directed by a Yale student
- National media (NYT, Chronicle, Washington Post) covered the launch and viral spread of the video in winter 2010

THAT'S WHY I CHOSE YALE – YALE UNIVERSITY

YouTube Caption



The video depicts a genuine and friendly image of the Yale community

Source: YouTube. ICG © 2011

THAT'S WHY I CHOSE YALE – YALE UNIVERSITY Perspectives

- The video was widely praised as innovative but also faced severe criticism
- While there was mixed feedback, Yale achieved three objectives
 - National media coverage, thus benefiting from a large-scale, free advertisement campaign
 - Engaging key internal constituencies
 - Conveying an unconventional and friendly message
- Metrics confirm the video's success
 - "That's Why I Chose Yale" totaled 110+ times more views than the previous admissions video "Yale and the World" (as of September 2011)
 - The video represents 10+% of all YouTube Yale-affiliated videos' views counts across 31 channels and 1,956 uploaded videos

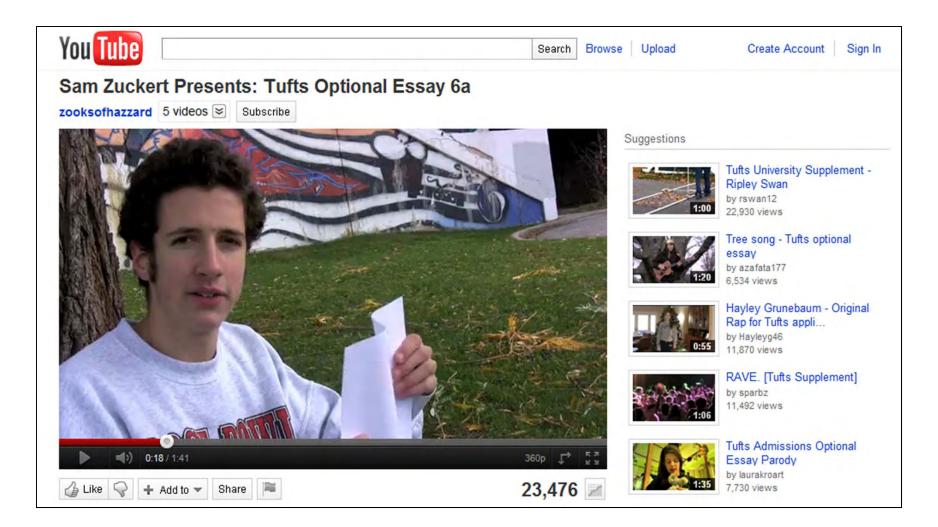
110+ times more views than the previous Yale admissions video

VIDEO APPLICATION SUPPLEMENT – TUFTS UNIVERSITY Key Metrics

- Tufts University
 - Medium-sized and selective liberal arts college
 - Based in Medford, MA, USA
 - Around 10,000 undergraduate and graduate students (2009)
- In 2003, Tufts' president outlined five strategic goals, among which one was to work across traditional boundaries
- In 2009, Tufts crossed one such "traditional boundary" by offering applicants the option to submit a supplementary video with their application
- Around 1,000 (of the 15,400) applicants chose to submit a video, mostly via YouTube

VIDEO APPLICATION SUPPLEMENT – TUFTS UNIVERSITY

Sam Zuckert Presents: Tufts Optional Essay 6a



All admissions videos total 200,000+ views

Source: YouTube. ICG © 2011

VIDEO APPLICATION SUPPLEMENT – TUFTS UNIVERSITY Perspectives

- Concerns about "fairness" of the video submission procedure have remained unfounded
 - Two-thirds of the videos came from financial aid applicants
- Tufts' video supplement provided prospective students the opportunity to express their talents beyond the limits of a paper application
- Tufts showed openness to innovative admissions procedures that received positive feedback from students

WALL OF 100 FACES – OXFORD UNIVERSITY Key Metrics

- Oxford University
 - Top research university in the UK and recognized global brand
 - Around 20,000 undergraduate and graduate students (2009)
- In fall 2008 the university appointed a team chaired by a professional film producer to convey the "real" image of the average Oxford student
- The project ran over eight months and collected short video interviews with students describing their activity and experience at Oxford

WALL OF 100 FACES – OXFORD UNIVERSITY

Caption from Oxford's Website



The Wall features an accessible and interactive design

Source: Oxford University's website. **ICG © 2011**

As of August 2010, the Wall received 100,000 visits with around 250-300 views per day

- Despite the relative success, the page lacks the authenticity observed in other cases where content was user-generated (Tufts and Yale)
- Although the project attempts to dispel stereotypes around Oxford, the Wall has perpetuated a contrived image, thus failing to reach its main objective

Universities are progressively embracing video communication in admissions and marketing

- The risk for institution-sponsored video campaigns lies in the potential lack of authenticity
- Genuine videos will likely be received favorably by the target audience mostly students that has become sophisticated over time
- Top-down campaigns that do not engage with key stakeholders (e.g. students, alumni, students' parents) are likely to be unsuccessful
- With the consolidation of social media, tight content control is not possible anymore, and not desirable

ONLINE RECRUITMENT AND ENGAGEMENT Lund University

Housekeeping - And What is Web 3.0?

A Brief Overview of the Web 3.0 Report

Admissions and Recruitment Videos: Lipdubs, Yale, Tufts, Oxford

Student Generated Content and Research: LLM Guide

Online Recruitment and Engagement: Lund's Facebook Page

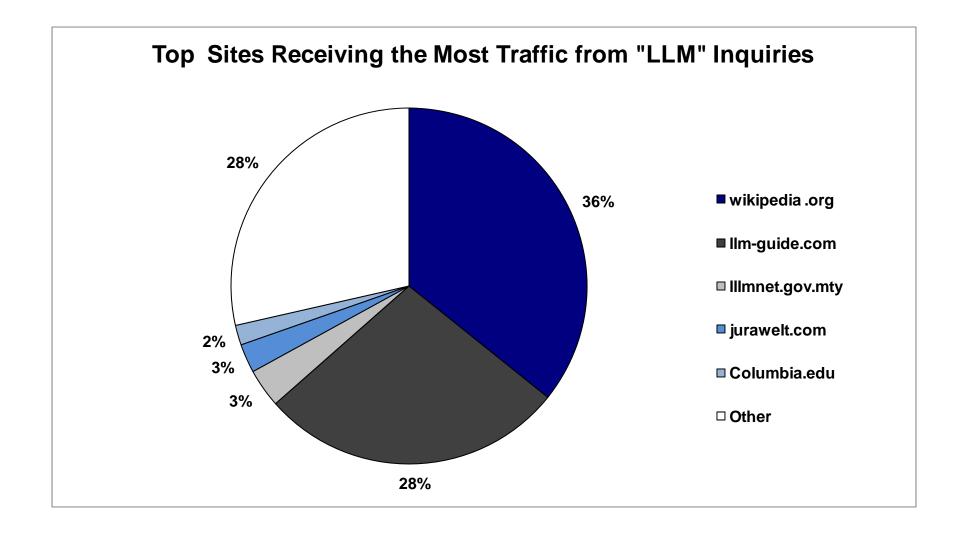
Integrated Outreach Campaigns: OSU "Powered by Orange"

Discussion

STUDENT GENERATED CONTENT AND RESEARCH The LLM Guide

- LLM Guide is a website devoted to providing an up-to-date resource of the latest news and information about Master of Laws (LLM) programs around the world.
- The site receives 27.74% traffic from the "LLM search queries", second only to wikipedia.org (Alexa, 15 September 2011).
- In each program description or regional overview, the LLM Guide provides forums for users to discuss different universities, aspects of the application process, and search for advice in its Discussion Board.
- As of 14 September, the site has a total of 106,030 messages and 33,708 registered users.

STUDENT GENERATED CONTENT AND RESEARCH The LLM Guide



STUDENT GENERATED CONTENT AND RESEARCH The LLM Guide – Discussion Boards

- LLM Guide Discussion Boards are broken into categories, or forums, for registered users to conduct online conversations.
- Most of the forums are for discussions pertaining to geographic regions, but there is also a "General" forum, as well as one for distance learning.
- Each user creates a profile with basic information such as username and home country. Profiles also display the number of posts and the date of that user's most recent post.
- Users may opt to remain anonymous by leaving most of their profile blank, and by choosing a pseudonym.

STUDENT GENERATED CONTENT AND RESEARCH The LLM Guide – Example Thread

- Being admitted to both NYU and Oxford, user "Masha" asked for peer advice on which LLM programs to attend.
- Twenty-three responses to her inquiry followed, describing the pros and cons of the two universities. Nine posts recommend that Masha attend Oxford; two recommend NYU.
- After five pro-Oxford posts, Masha says, "I understand that it is OXFORD, but still NYU has amazing professors and as a city with its spirit is much closer to me".
- Though it is not explicitly stated in the thread, subsequent posts from Masha on the LLM Guide website indicate that she ultimately chose to attend Oxford –which was most highly recommended by the participants in the discussion.

ONLINE RECRUITMENT AND ENGAGEMENT Lund University

Housekeeping - And What is Web 3.0?

A Brief Overview of the Web 3.0 Report

Admissions and Recruitment Videos: Lipdubs, Yale, Tufts, Oxford

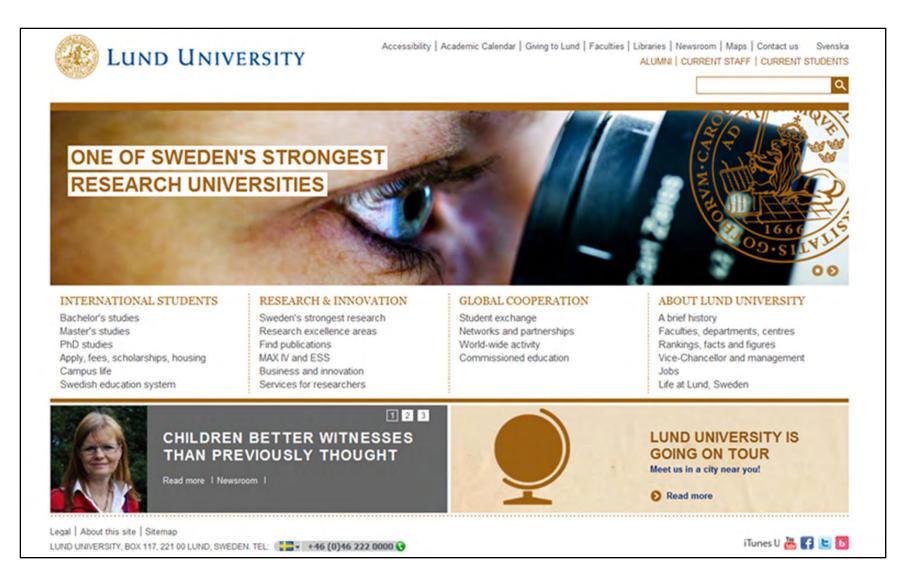
Student Generated Content and Research: LLM Guide

Online Recruitment and Engagement: Lund's Facebook Page

Integrated Outreach Campaigns: OSU "Powered by Orange"

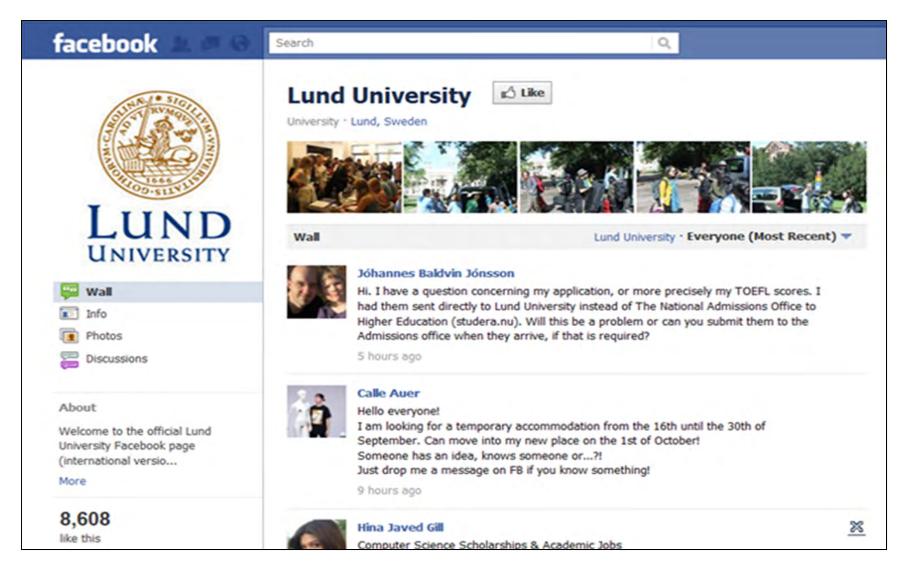
Discussion

- Founded in 1666, Lund University is one of Scandinavia's oldest and largest research universities.
- Lund offers 2,254 courses, of which 546 are conducted in English and 281 programs, of which 85 are conducted in English. Lund had a total student population of 47,266 during the 2010-11 academic year, 4,268 of which were international students.
- Until the fall of 2011, universities in Sweden were tuition fee free for all students. In the fall of 2011, Lund, like all universities in Sweden, began charging tuition fees for non-EEA students.
- Lund responded to the introduction of tuition fees with a series of new efforts in marketing and recruiting, including the roll-out of a new international website connected with various social media platforms including Facebook.



Source: Lund University.

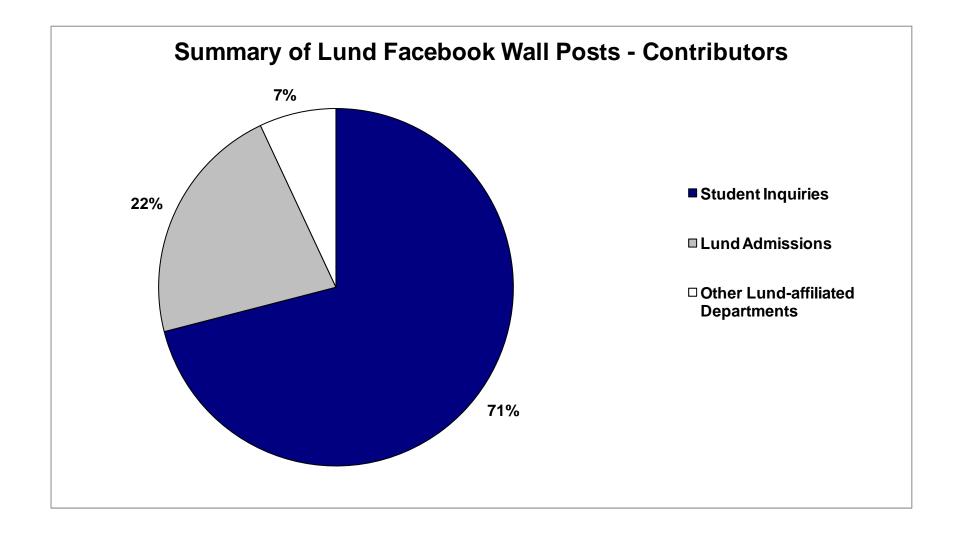
- Lund acquired their international Facebook page through the creation of an official page and a merger of an unofficial page.
- The merger of the two pages 29 March 2011 put the number of fans at 5,760 which has grown to more than 8,600 fans in 5 months.
- The page is intended as a recruitment and outreach tool, particularly looking to address the needs of non-Swedish speakers and those unfamiliar with the Swedish context.
- Page's managers, Megan Grindlay and Maria Lindblad, have approached the page not as content directors, but rather as response providers.
- The result has become an actively utilized channel for prospective and admitted students.



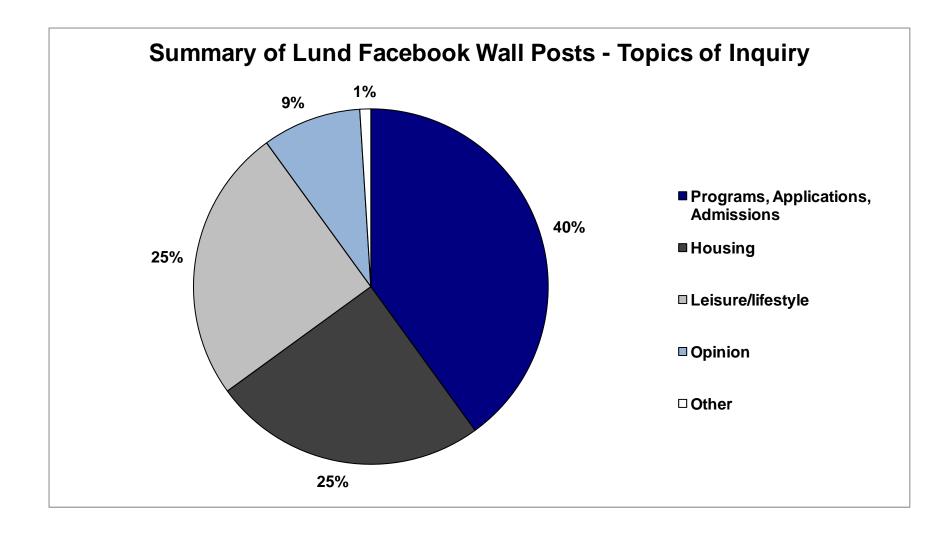
Source: Facebook.



Source: Facebook.



Source: Lund University.



Source: Lund University.

- While Lund's international Facebook Page is still relatively young, it has already proved to be a significant part of Lund's recruitment and engagement channels.
- Lund also maintains a Swedish language Page "Lunds Universitet". Page managers believe that having two pages helps provide international students a "comfortable" place to learn more and ask questions.
- The page is intended as a recruitment and outreach tool, particularly looking to address the needs of non-Swedish speakers and those unfamiliar with Sweden.

ONLINE RECRUITMENT AND ENGAGEMENT Lund University

Housekeeping - And What is Web 3.0?

A Brief Overview of the Web 3.0 Report

Admissions and Recruitment Videos: Lipdubs, Yale, Tufts, Oxford

Student Generated Content and Research: LLM Guide

Online Recruitment and Engagement: Lund's Facebook Page

Integrated Outreach Campaigns: OSU "Powered by Orange"

Discussion

OSU "POWERED BY ORANGE" Key Metrics

The Powered by Orange campaign grew out of the OSU Advancement office in spring 2009

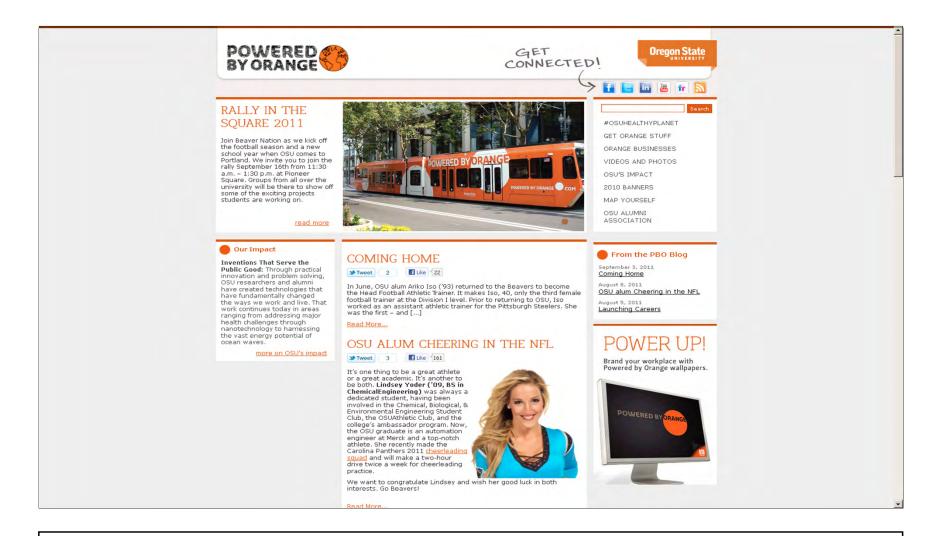
The campaign demonstrates an effective and comprehensive use of social media for marketing and outreach

OSU is not a wealthy private institution and lacks extensive resources

- 18,067 undergraduate students
- 3,328 graduate students
- Oregon's largest public research university

Universities lacking large endowments can engage in outreach campaigns

OSU "POWERED BY ORANGE" PbO's Homepage



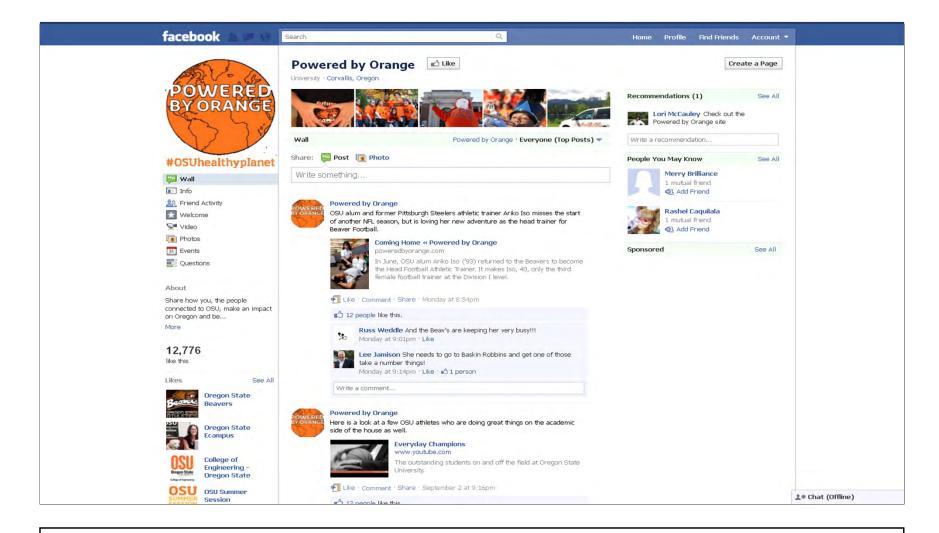
The homepage integrates a traditional website, a blog and social media

OREGON STATE UNIVERSITY: POWERED BY ORANGE The Campaign

- The Powered by Orange campaign has three main goals
 - To create pride
 - To inform
 - To engage
- The campaign features three main themes
 - Food
 - Energy
 - Water
- PbO utilizes a variety of channels
 - Websites
 - Blogs
 - Social Media
 - Multimedia

OSU strengthened its brand via a comprehensive engagement approach

OREGON STATE UNIVERSITY: POWERED BY ORANGE Facebook

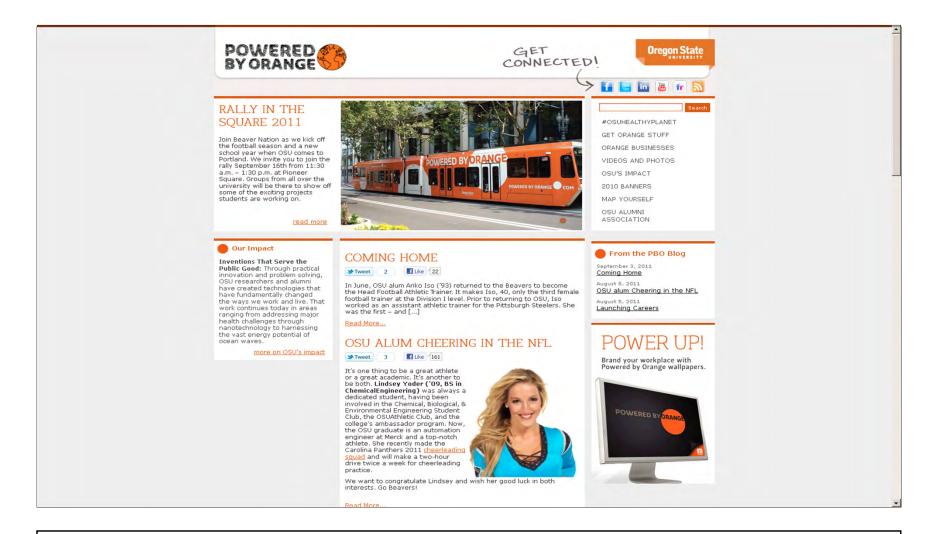


PbO on Facebook is multi-purpose driven and encourages real life action

Source: Facebook.

OREGON STATE UNIVERSITY: POWERED BY ORANGE

Main Website



Content is centered on the PbO website

Source: Powered by Orange.

OREGON STATE UNIVERSITY: POWERED BY ORANGE Twitter

	Lwitter) Search Q Home Profile Mes	sages Who To Follow 🗹 🧕 mauromondino 🕶
ORANGE com	Powered By Orange @poweredbyorange Oregon, beyond Telling Oregon State University's story in Portland. http://www.poweredbyorange.com Follow	
X	Tweet to @poweredbyprance	This media was shared by poweredb/orange, someone you don't follow.
SED B	Tweets Favorites Following - Followers - Lists - poweredbyorange Powered ByOrange After 9 great days the #OrangeTour is over. A huge thanks to everyone who has been a part of it and to those who have followed along.	You and @poweredbyorange You both follow this account- view
POWERE	1.Jul poweredbyorange Powered By Orange Last stop on the #OrangeTour at Starker Forests. An amazing grout that really supports OSU and Corvallis. yfrog com/h0ia8fuj 1.Jul	Similar to @poweredbyorange view all OregonStOSR Oregon State OSR Follow The only exclusive, daily emails of Oregon State Athle OSUBeaversFB Beavers Football - Follow The official Twitter home for Oregon State Football
РО	Poweredbyorange Powered By Orange Having a wonderful visit at Nichols Garden Nursery. Master Gardeners know how to put on a reception! #OrangeTour yfrog.com/kgn8rfj 1.Jul	SamHealth Samaitlan Health Follow Samaritan Health Services, providing world-class he Following : view all
	poweredbyorange Powered By Orange Just finished up at the Marion-Polk food share. Really impressive operation. Doing tons of great work. #OrangeTour yrog.com/by706gij 30.4m	About Help Blog Mobile Status Jobs Terms Privacy Shortocts Advertisers Businesses Media Developers Resources e 2001 Frvitter
	poweredbyorange Powered By Orange Got a tour of Dancing Oaks Nursery. Talk about a wonderland of beauty: #OrangeTour yfrog.com/kkdazifj s0.un	
	poweredbyorange Powered By Orange On-air in Newport, where we met with Yaquina Bay Communications, a longtime supporter of @OregonStateExt yrog.com/ke80bwj 30.4m	
	Day 7 of the #Orange Tour has come to an end. Last day of the trip tomorrow. Feels like we left Corvallis just yesterday. so Jun	

PbO Twitter feed appeals to a larger community

Source: Twitter.

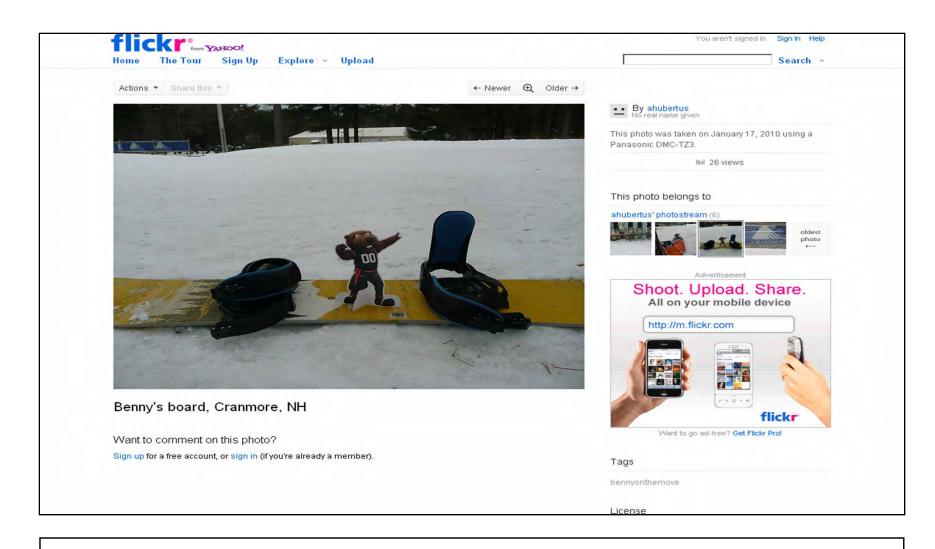
OREGON STATE UNIVERSITY: POWERED BY ORANGE YouTube



PbO on YouTube covers all the campaign's target audiences

Source: YouTube.

OREGON STATE UNIVERSITY: POWERED BY ORANGE Real World Events



PbO encourages real-life action

Source: Flickr.

OREGON STATE UNIVERSITY: POWERED BY ORANGE

- Effective outreach and marketing via social platforms, combined with traditional events
- Moderate to high traffic on all online platforms, users contributing photos, videos, comments
- Balance between institutional control and "bottom up" efforts by audience
- Indirect influence over fundraising and alumni and student relationships

- OSU researched its communication needs and target audience before launching PBO
- OSU's integrated social media strategy enabled the campaign's message to spread and successfully balanced control with bottom-up efforts
- PBO adjusted its strategy over time, updating content to include alumni, students, faculty members, and staff members
- PBO asked little of its audience but offered many incentives to engage with the campaign

ONLINE RECRUITMENT AND ENGAGEMENT Lund University

Housekeeping - And What is Web 3.0?

A Brief Overview of the Web 3.0 Report

Admissions and Recruitment Videos: Lipdubs, Yale, Tufts, Oxford

Student Generated Content and Research: LLM Guide

Online Recruitment and Engagement: Lund's Facebook Page

Integrated Outreach Campaigns: OSU "Powered by Orange"

Discussion

CONTACT INFORMATION

Dr. Daniel J. Guhr Managing Director

Illuminate Consulting Group P.O. Box 262 San Carlos, CA 94070 USA

- Phone +1 619 295 9600
- Fax +1 650 620 0080
- E-mail guhr@illuminategroup.com Web www.illuminategroup.com