



University of San Diego

Information Technology Services
Update on Major IT Projects



Information Technology Advisory Council

April 28, 2014

12:00 – 1:30 PM

KIPJ Conference Room C



ITS ORGANIZATION



NISS

Network
Infrastructure
Systems and
Services
Mr. Doug Burke
(21 FTE)



LWS

Library
and Web
Services
Mr. Michael
O' Brien
(9 FTE)



ATS

Academic
Technology
Services
Ms. Shakra
Meshkaty
(35 FTE)



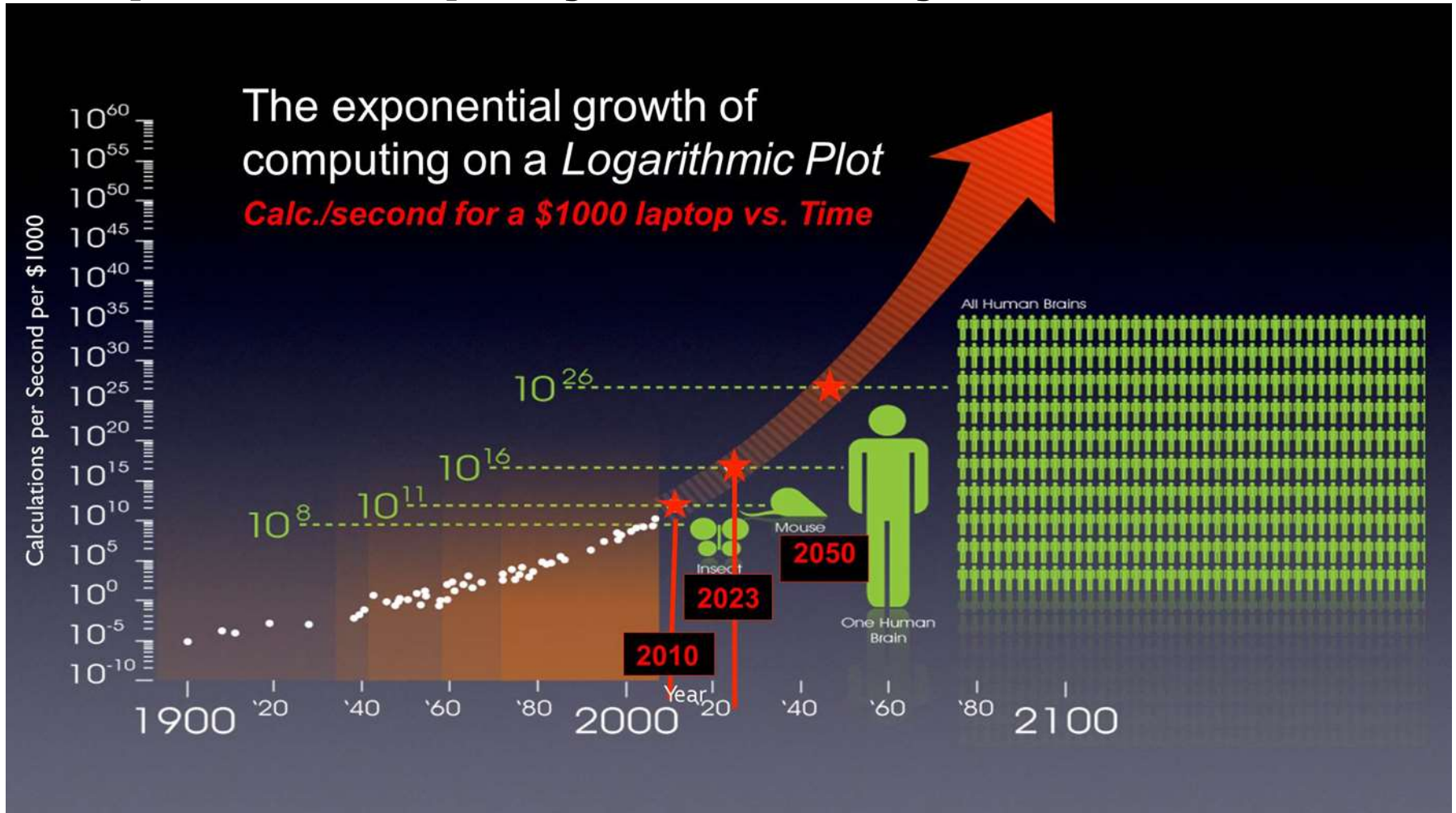
ERPT

Enterprise
Resource
Planning
Technology
Mr. Avi Badwal
(30 FTE)

Services and Support for USD Community

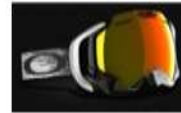
Information Technology Services
99 FTE (staff & consultants), \$16.2 M Budget

Moore's Law: Computational Capacity Doubles Every Two Years

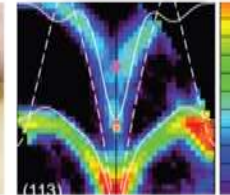


The Internet of Everything – Everything Connected

- [Oakley Google Goggles](#) and Google Glasses
- Google Driverless Car
- [Audi Smart Car](#)



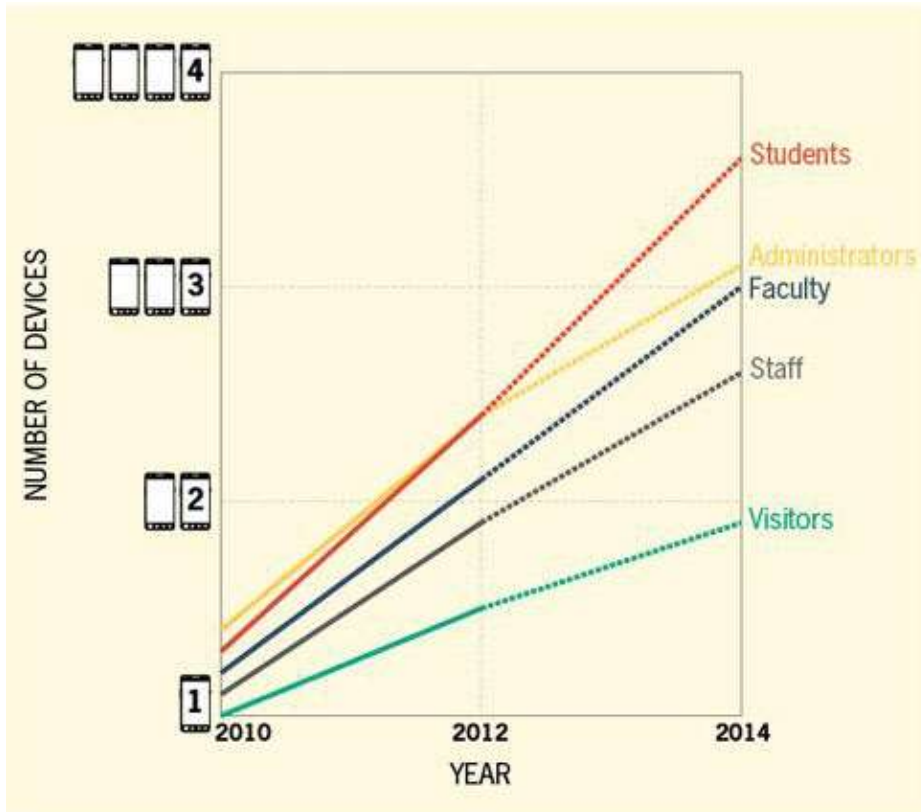
- Wearable Technology: FitBit wrist band, Pebble Smartwatch and Nike FuelBand.



- Infant Monitoring Patch (for all vital signs)
- MIT Thermometric Band to remotely change body temperature
- Smart Home and Smart Appliances



ITS – 2014 “Mobile First” Initiative



Eden Dahlstrom and Stephen diFilipo, *The Consumerization of Technology and the Bring-Your-Own-Everything (BYOE) Era of Higher Education*, ECAR Research Report (March 2013).

- Greater than 3 mobile devices per student
- 80% of College Millennials own a Smart Phone (never plug into network)
- USD’s Next Generation Wi-Fi \$4.25 Million campus overlay 802.11ac
- Campus-wide Cellular Distributed Antenna System (Verizon & AT&T)
- Continual augmentation of USD Internet Bandwidth
- Phase out of Cable TV
- iPad Mobility in the classroom
- All websites have responsive designs
- All applications development will focus on *Mobile First*.
- Rollout many more mobile services and applications: event check-in, gaming and gamification, geospatial tracking, etc.

ITS – Network Infrastructure Systems and Services (NISS), Major Projects (recently completed or in progress)

- Centralized Account Management (CAM)
- Wireless cabling project – 4/14-8/15
 - Main Campus
 - Residence Halls
- Wireless technology refresh 802.11ac
- Distributed Antenna System (DAS) – completion summer/fall 2015
- Firewall replacement
- Internet upgrade



ITS – Network Infrastructure Systems and Services (NISS), Major Projects (recently completed or in progress)

- Unified Messaging – voice mail to email
- New wing of the School of Nursing
- New Bookstore
- Mail Center move
- Assorted Renovations



ITS – Library and Web Services (LWS), Major Projects (recently completed or in progress)

MOBILE FIRST *Initiative*

Our goal: All USD websites responsive by 12/2015

- **School of Peace** – April 2014
- **School of Engineering** – August 2014
- **USD and College of Arts and Sciences** –
Kickoff May 2014; Launching December 2015

ITS – Library and Web Services (LWS), Major Projects (recently completed or in progress)

CMS Cascade Server Update

- Transitions to Cascade: 50% complete
- Launches: averaging 10 sites per month
- Trainings: 1-2 sessions per month
- Maintainers: 116 people trained in Cascade
- Full transition list on: <http://www.sandiego.edu/redesign/>

ITS – Library and Web Services (LWS), Major Projects (recently completed or in progress)

USD Sites (WordPress)

- Count: 139 sites and growing daily
- Developing more USD themes (late 2014)
- Developing basic training class (late 2014)

For more information: <http://sites.sandiego.edu>

ITS – Library and Web Services (LWS), Major Projects (recently completed or in progress)

Recent Web Services Initiatives

- Campus Map Redesign: <http://www.sandiego.edu/maps>
- Emergency Alert Notifications: on redesigned sites
- Commencement Streaming:
Law – May 17, 2014
Graduate/Undergraduate – May 24-25, 2014

ITS – Library and Web Services (LWS), Major Projects (recently completed or in progress)

Ares: Automating Reserves



- Kickoff Meeting: May 2014
- Launch: September 2014

ITS – Library and Web Services (LWS), Major Projects (recently completed or in progress)

Ares: Automating Reserves

- Mobile access
- MySandiego authentication
- Blackboard and Banner integration
- List your electronic and physical reserves
- Expedited request-processing
- Copyright control
- Custom reporting for statistical tracking



ITS – Library and Web Services (LWS), Major Projects (recently completed or in progress)

Encore Duet – Partnership with EBSCO

- Mobile access
- Pre-indexed articles in catalog
- Quick access to full-text articles
- Partners with many non-EBSCO content providers
- Faceting

The logo for Encore, featuring the word "encore" in a blue, lowercase, sans-serif font. The letter "o" is replaced by a blue circle containing a yellow play button icon. The logo is set against a light blue gradient background.

ITS – Library and Web Services (LWS), Major Projects (recently completed or in progress)

My List (0 items) | | O'BRIEN, MICHAEL G | Logout

Search: [Advanced Search](#)

University of San Diego
Copley Library
Legal Research

Did you mean: [ap alert new york city?](#)

CatalogPlus **Catalog**

Results 1 - 25 of 3800 for skyscrapers new york city Circuit [↗](#) (36)
WorldCat [↗](#) (1073)

Sorted by [Relevance](#) | [Date](#)

Refine by:

[Library Catalog](#) (15)

[Articles](#) (3785)

- [Full Text](#)
- [Peer Reviewed](#)

Format

- [News](#) (1192)
- [Magazines](#) (621)
- [Academic Journals](#) (254)
- [Reviews](#) (82)
- [E-Books](#) (38)
- [more >](#)

Location

- [Copley Library](#) (11)

Search Found In

- [Title](#) (3)

Availability

- [At The Library](#)
- [Online](#)

Collection

- [USD Digital Archives](#) (4)
- [Electronic Publications](#) (3)
- [Books](#) (6)
- [Movies & Images](#) (1)

Skyscraper: the politics and power of building New York City in the twentieth century [by] Benjamin Flowers
Merkel, Jayne

[Review](#) | [Journal of the Society of Architectural Historians](#), 2012 Mar., v.71, n.1, p.125-126
[Published in 2009.](#) [more](#)

[Full Text from JSTOR](#)

[Check for full-text](#)

Additional actions:

After-Images of the Highrise City: Visualizing Urban Change in Modern New York.
Lindner, Christoph

[Academic Journal](#) | [Journal of American Culture](#). Jun2013, Vol. 36 Issue 2, p75-87. 13p. 2 Black and White Photographs.
The author discusses skyscrapers, a unique and symbolic feature of the modern city, fo... [more](#)

[PDF](#)

[Full Text](#)

Additional actions:

The Plan to Swallow Midtown.
KIMMELMAN, MICHAEL

[News](#) | [New York Times](#). 7/25/2013, Vol. 162 Issue 56208, pC1-C7. 2p. 1 Color Photograph, 3 Black and White Photographs.
The article discusses the possible effects of a New York City rezoning proposal on the... [more](#)

[Check for full-text](#)

Additional actions:

Triumph of the city : how our greatest invention makes us richer, smarter, greener, healthier, and happier / Edward L. Glaeser
Glaeser, Edward L. (Edward Ludwig), 1967-

[Request it](#)

Additional actions:

ITS – Library and Web Services (LWS), Major Projects (recently completed or in progress)

Library APIs and Data Transfer

- Oracle HR/Banner – automate account loads
- Student Accounts – automate fines transfer
- Oracle iProcurement – automate purchases transfer

ITS – Enterprise Resource Planning Technology (ERPT), Major Projects (recently completed or in progress)

Recently Completed and Ongoing Projects

Event and Academic Scheduling Software

- Easy Room Reservations
- Look Up Availability (Self Service)
- Automated Work Orders Generated with Facilities Management
- <https://reservations.sandiego.edu/virtualems/>

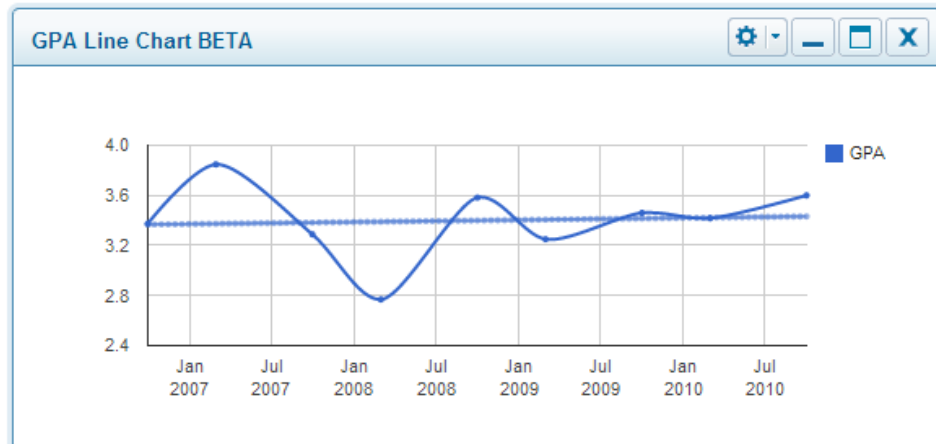
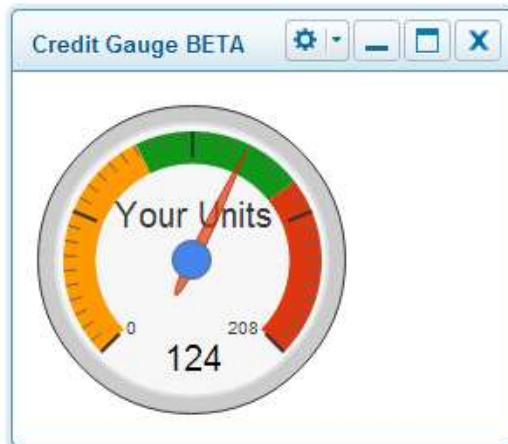
Upgrade of the Degree Audit (DARS) to U.Achieve

- Next Generation - enhanced security and performance
- SSO from portal
- 9 digit ID – in progress

ITS – Enterprise Resource Planning Technology (ERPT), Major Projects (recently completed or in progress)

MySanDiego Upgrade

- Visualization of Data



- New Style and Design
 - <http://preview.freshform.com/usd-portal/storyboard4/1.html>
 - <http://preview.freshform.com/usd-portal/storyboard4/2c.html>

ITS – Enterprise Resource Planning Technology (ERPT), Major Projects (recently completed or in progress)

Mobile Applications

- New Mobile Website (www.sandiego.edu/mobile)
- Push Notifications/App Messaging
- iBeacon

Current Mobile Apps

- MySDMobile
- USDLaw
- Future Torero
- Torero Spirit
- USD Check-In

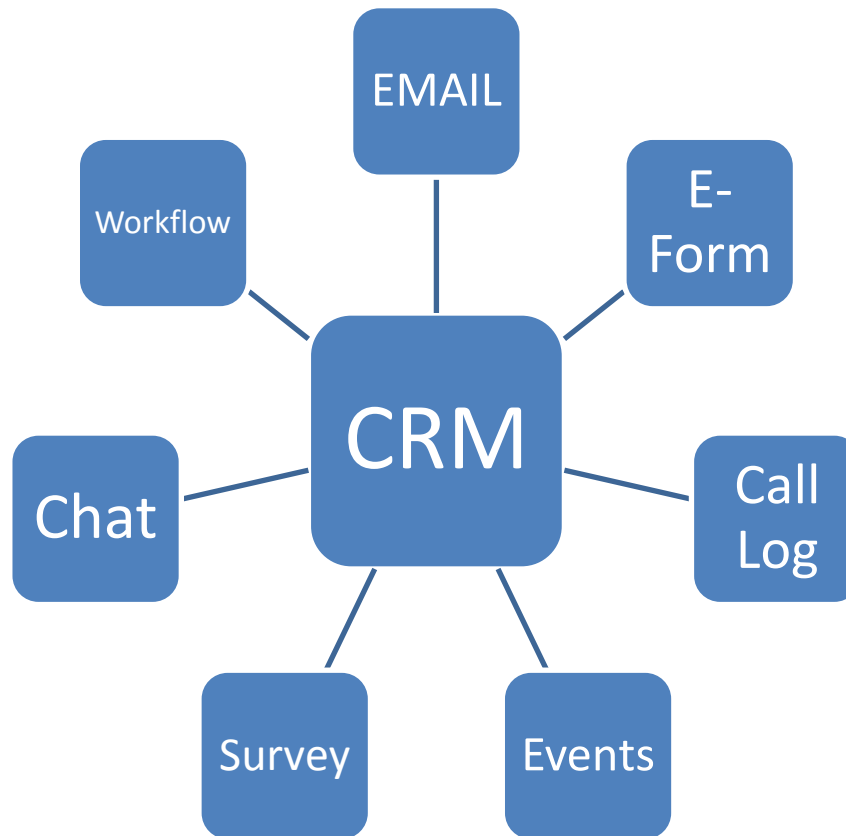
Upcoming Mobile Apps

- MySanDiego
- Events
- News



ITS – Enterprise Resource Planning Technology (ERPT), Major Projects (recently completed or in progress)

Constituent Relationship Management




ITS – Academic Technology Services (ATS ongoing support of teaching and learning...)



- ✓ Faculty Development Luncheons, Workshops, Events and Outreach:
 - ✓ 9th Annual Technology Showcase 2014
 - ✓ Bootcamp, Bb and Bagel, High Tea IT, Learn @ Lunch,
 - ✓ Hot Topics! Flipped Classroom, Blended Model and Active Classroom
 - ✓ Trainings workshops (126 workshops, 356 Registrants)
 - ✓ Creative Collaboration and Nursing 400 posters
 - ✓ Blackboard– students/faculty/courses (S6703, F481, C881)
- ✓ iPad Classroom Project: 40 Projects (8@SP14)- ebooks, examsoft, Apps and media
- ✓ Student Technology Assistants: 91semester long projects (7@ SP14)
- ✓ Help Desk Support Requests – Faster service
- ✓ Classroom Technology: Help!



Blackboard LMS, Spring 2014 Update

	Blackboard 9 Fall 2012		Blackboard 9 Spring 2013		Blackboard 9 Fall 2013		Blackboard 9 Spring 2014	
	Number	Pctg.	Number	Pctg.	Number	Pctg.	Number	Pctg.
Active Students	6040	76%	6093	78%	6672	81%	6703	84%
Active Faculty	414	46%	417	44%	497	53%	471	49%
Active Courses	852	38%	786	32%	938	38%	881	34%

ITEAM: 400 faculty support ticket, 75 visitors to drop in center, and 37 new faculty for BB training, 90 Bb Orgs.

ITS – Academic Technology Services

ATS Active Projects and Initiatives in progress...

- ★ [Ensemble](#) - Video Management platform
- ★ [iTunesU](#)- University of San Diego
- ★ PowerSave – Green Initiative >> Faronics and SDG&E Rebate
- ★ FourWinds Interactive – Digital Signage
- ★ [USD MathPlacement Exam](#)- rewritten in PHP
 - ★ PERL in 2004 to PHP in 2014
- ★ Apple TV in iPad Project Classrooms
 - ★ New iPad Lease/Rent Agreement
 - ★ iPad MDM Solution
- ★ Mobile Print on the Go!
 - ★ 2 Methods- Emailing a file to the system or upload to web interface
- ★ CrashPlan – Cloud Backups



ITS – Academic Technology Services

ATS Active Projects and Initiatives in progress...

- Summer Innovation Institute (SII) 2014 x2
- Maverick -Mac OS X 10.9 Upgrade
- Microsoft Office Upgrade to Office 2013
- Sunset of Windows XP
- Laptop Encryption (testing phase)
- File sharing/storage option for students (looking into)
 - A Dropbox or Box.com system that we could setup on campus & offer to students or faculty.



ITS – Thank You!

- Summary of current ITS projects and PowerPoint slide deck:
<http://www.sandiego.edu/its/about/irc/>
- Contact Information:
 - Doug Burke, Sr. Director, NISS, burke@sandiego.edu
Office: 619-260-6868
 - Michael O'Brien, Sr. Director, LWS, michaelo@sandiego.edu
Office: 619-260-4641
 - Avi Badwal, Sr. Director, ERPT, abadwal@sandiego.edu
Office: 619-260-2943
 - Shahra Meshkaty, Sr. Director, ATS, meshkaty@sandiego.edu
Office: 619-260-2298
 - Chris Wessells, Vice Provost and CIO, chris@sandiego.edu
Office: 619-260-6886, Cell: 619-507-8809