

Lab Website Services



Dan Dickinson
Associate Director, Web Communications

its.weill.cornell.edu

About Me & My Team

- **Been at Weill Cornell since 2004**
- **Been leading the ITS Web Communications team since 2011**
- **Responsible for the strategy, execution, and maintenance of the institutional web presence (~115 sites)**

The History of Lab Websites

CHRISTINI LAB RESEARCH AREAS PEOPLE CODE REPOSITORY PUBLICATIONS CONTACT

We study cardiac electrophysiological dynamics from the cellular level to the organ level using computational and experimental methods.

Cellular Modeling
Ischemia-reperfusion (IR) injury occurs when ischemic tissue experiences a restoration of normal tissue perfusion. IR ...

Meet the Lab Members About the Christini Lab Explore Our Research

Well Cornell Medical College Cornell University

McGraw Lab

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Welcome to the McGraw Lab at Weill Cornell Medical College

Research Overview
Insulin regulates the storage of dietary glucose by stimulating its uptake into muscle and fat. Insulin increases glucose uptake into these cells by recruiting vesicles containing the GLUT4 glucose transporter to the cell surface. Thus, insulin controls glucose uptake by regulating GLUT4 trafficking between the interior and cell surface. Understanding how insulin regulates GLUT4 traffic is key for understanding the molecular changes underlying type 2 diabetes. We use quantitative optical microscopy to study insulin-regulated membrane trafficking. The main objectives of our work are to characterize the GLUT4 trafficking pathway in the presence and absence of insulin, and to identify how the insulin-signal transduction regulates the movement of GLUT4 vesicles. In addition to studies of GLUT4 trafficking, we are also interested in more basic questions of membrane trafficking, specifically a more detailed understanding of the molecular mechanisms of clathrin-mediated internalization from the cell surface and the mechanisms for return of endocytosed proteins back to the plasma membrane.

Home

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Weill Cornell Medical College, Department of Biochemistry

Research People Publications Contact

The Dephoure Lab develops and implements quantitative proteomic methods to elucidate the complexities of cellular signaling pathways.

Weill Cornell Graduate School of Medical Sciences

Selleri Lab

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The Selleri Laboratory

Our laboratory uses genetically-engineered and mutagenized mouse models to characterize normal and aberrant developmental processes in the embryo and to identify novel genes and regulatory networks that underlie congenital disease. With the knowledge obtained from our basic studies in developmental genetics and transcriptional regulation in the mouse embryo, we pursue analyses that explore how specific genetic mutations determine birth defects. By this approach, we attempt to rigorously model human congenital disease and to increase the knowledge of perturbed genetic and molecular mechanisms that cause developmental abnormalities.

We have a particular interest in understanding the roles that genes of the Pbx family execute in mammalian development. Pbx genes encode particular homeodomain-containing transcription factors that are critical for patterning and morphogenesis of the axial, craniofacial, and appendicular (limb) skeleton, as well as for the development of most internal organs. Our research focuses particularly on development of embryonic craniofacial and limb structures, since abnormal development of these organ systems results in congenital birth defects that do not only lower the quality of life, but are also socially stigmatizing. We also devote efforts to understand the development of the mammalian spleen using multiple genetically-engineered mouse models. While the spleen has vital roles in immune response and blood filtering its development remains poorly understood.

Our ultimate goal and ambition are to make all basic knowledge derived from our studies in the mouse embryo available to those who will use it in diagnostic, interventional, and therapeutic settings.

Select from the tabs above to read and see more of our work and to meet the people involved. Arrivederci!

Top Home Contact Page Official Page

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Challenges Of Old Model

- **Brand & design variance**
- **Rarely uses institutional infrastructure**
 - **Hosting typically outside the firewall**
 - **No central authentication**
 - **Tend to use random .com or .org addresses**
- **Rarely funded for a fully considered website build**
- **No backstop support – if your site manager leaves your lab, is someone ready to take over?**

What if...

- **We created a turnkey lab website solution...**
- **...with institutional branding already taken care of...**
- **...that plays nice with institutional systems...**
- **...costs next to nothing...**
- **... gives you the option of backstop support if you need it...**
- **...and lets you maintain independent control over the content?**

Test Lab

dev-research-distro-rebrand.pantheon.io

Dan Dickinson

VIVO

Research Home

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Q



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SAMPLE PHOTO

Test Lab

Include a brief overview of your lab here, as well as your mission statement. Approximately 1 paragraph (100 words).

Example: The Cantley lab employs a wide range of techniques in its investigation of cancer metabolism and phosphoinositide signaling. From genetically engineered mouse model systems and human cancer cell lines to metabolomic, transcriptomic and proteomic analyses, to the biochemical characterization of enzymes, we use a variety of tools and an interdisciplinary approach to paint a more complete picture of cancer and develop therapies based on novel enzyme targets and other promising new approaches. The Cantley lab is based in New York City at the Sandra and Edward Meyer Cancer Center of the Weill Cornell Medical College and New York

Tweets by @WeillCornell

WCM

WeillCornellMedi...

@WeillCornell

Dr. Cantley talked to @GoHeallo about being awarded the Wolf Prize, & his past, current & future work in #cancer

goo.gl/mpR3sy

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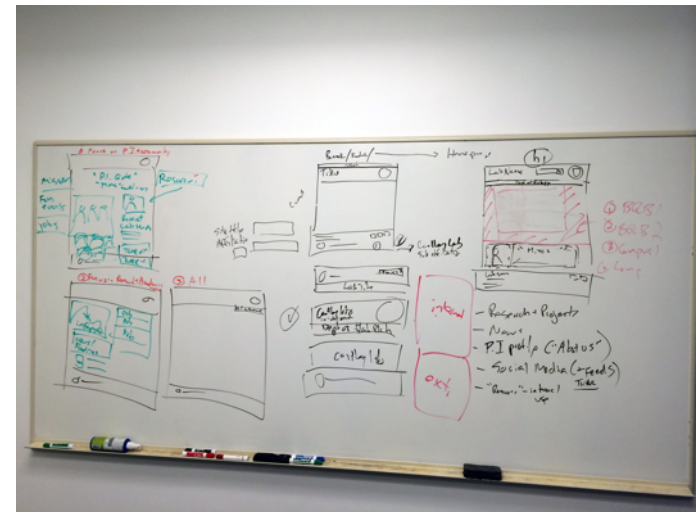
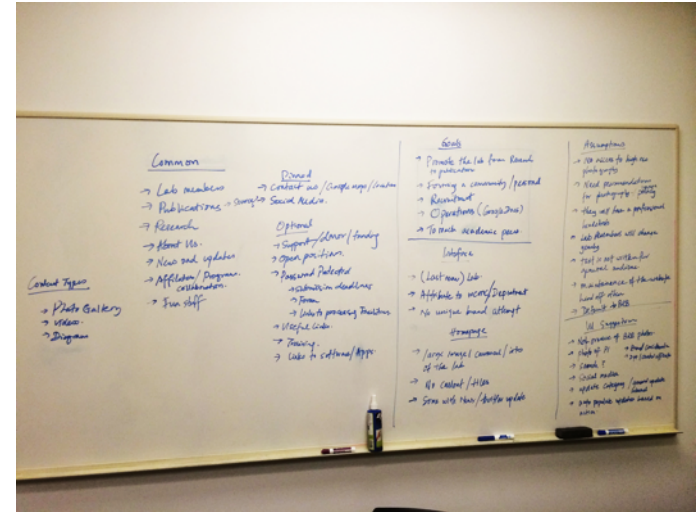
Weill Cornell Medicine

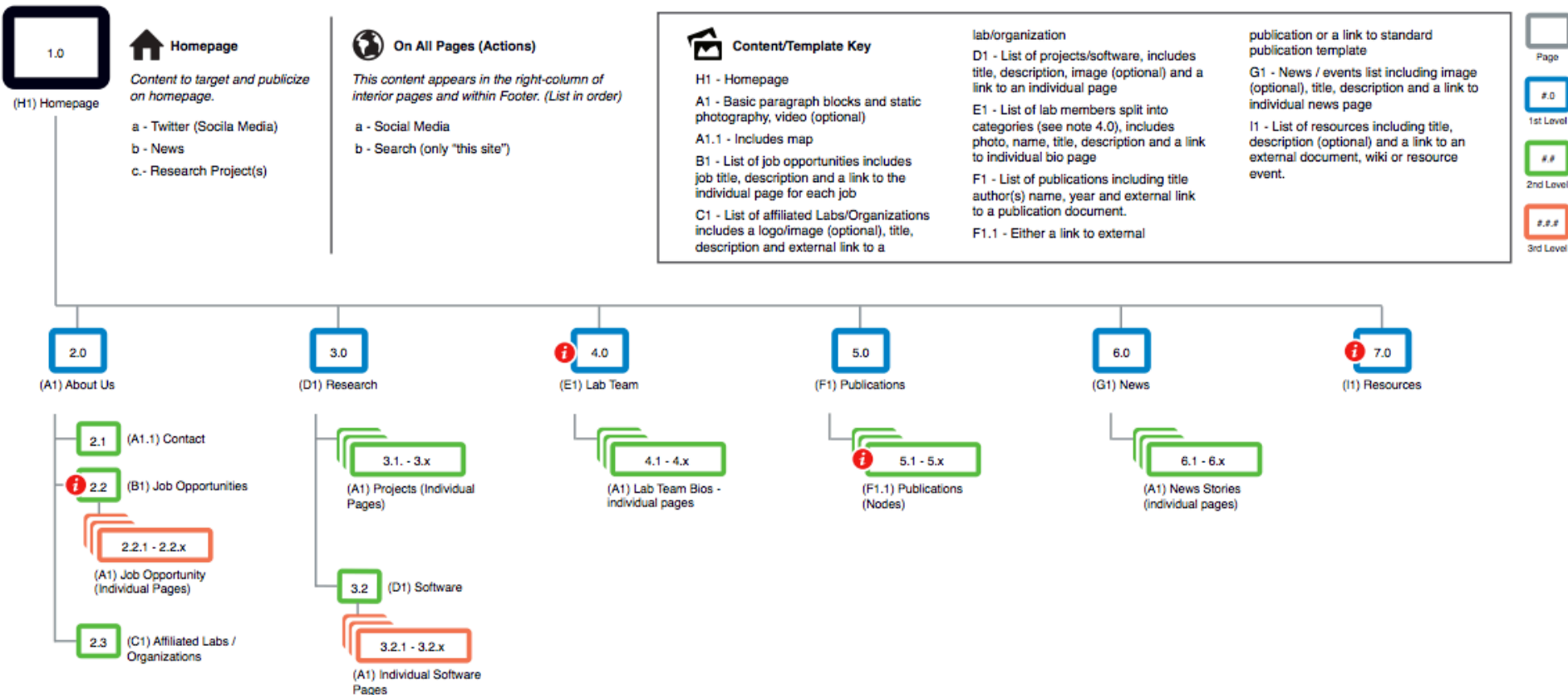
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RAPID March 2016 – Lab Websites

What We Did

- **Did field research on 18 WCM lab websites**
- **Abstracted those into a standard information architecture**
- **Wrapped WCM design standards around the site**
- **Piloted with Dr. Cantley's lab to make sure it ticked all the boxes**
- **Released to beta users**
- **Created wider release in January**





Two Models For Building Your Lab Site

Model A: Self Service



Lab Pays: Annual Hosting Fee

Model B: Assisted



Lab Pays: Consulting Hours + Annual Hosting Fee



What This Doesn't Do (Yet)

- **Not for sharing large data sets**
 - We will integrate with future ITS solutions for this
- **Not a replacement for collaborative systems**
 - We will integrate with future ITS solutions for this
- **Doesn't integrate with VIVO**
 - On our roadmap

How Do I Get It?

- **Open a JIRA Web Maintenance Request (details on the ITS site)**
- **Include in your request:**
 - **Name of the lab, including the PI/lab head**
 - **Names and CWIDs of site editors**
 - **Whether or not you'd want assistance with the content**
- **We will spin up the site within two business days and grant access, along with sharing of our documentation**
- **When you're ready to launch, complete the ITS Web Hosting Form**
- **WebComm will then review the site, enable the hosting plan, and configure DNS within five business days (likely quicker)**

Thank You!

For more info:
<https://its.weill.cornell.edu/services/web-application-development/research-lab-websites>

