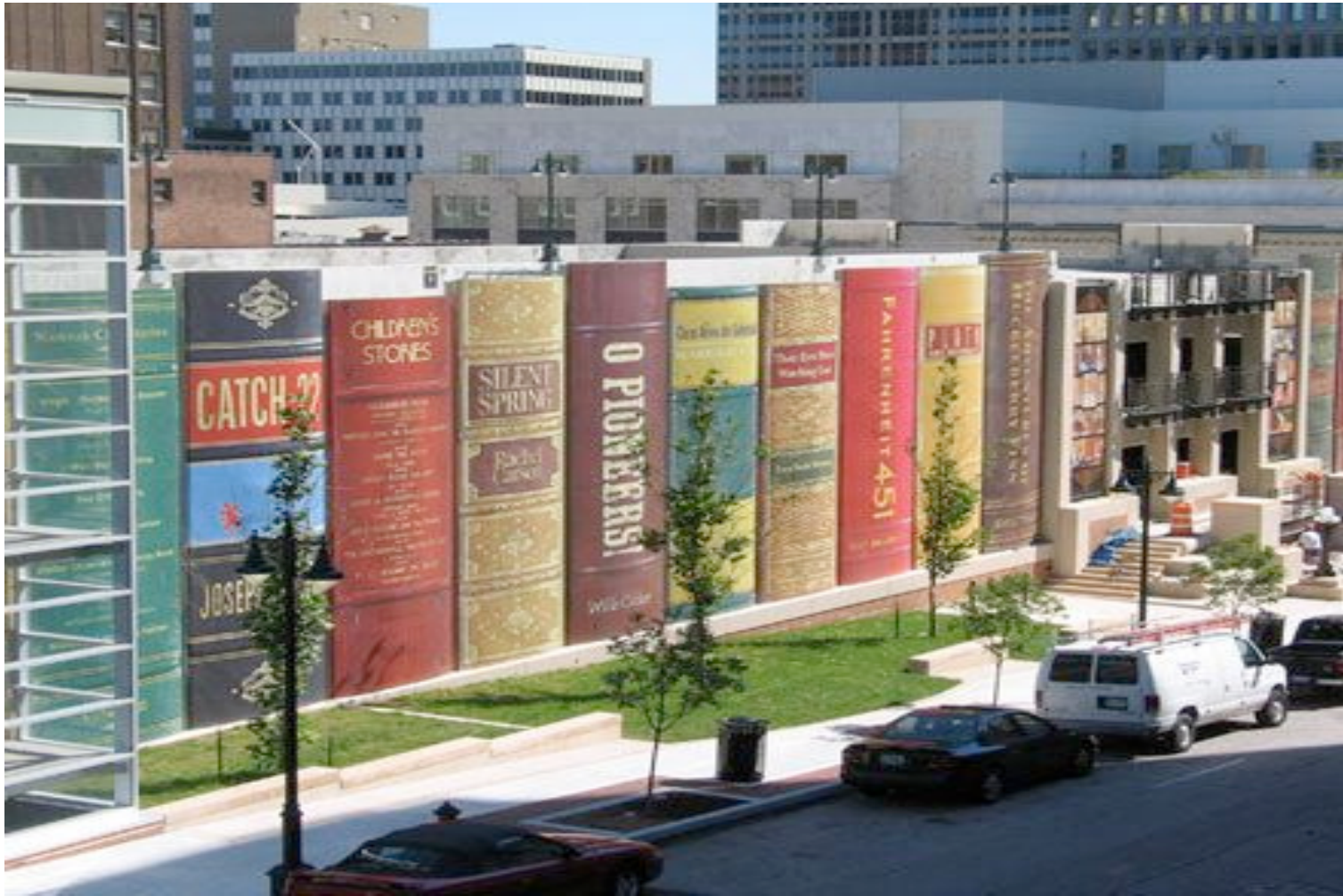


Libraries: Who Needs Them?



Search, Discovery & Research
at the
University Library

Joan A. Smith, PhD
Chief Technology Strategist
Emory University Libraries

The Museum of the Printed Word

Once upon a time, information was found primarily at the Library



The 21st Century Über-Verb

Don't crawl me,
I'll crawl you...

Google™

Both are factors in these searches

lanny liebeskind

About 10,600 results (0.46 seconds)

Advanced search

► [Lanny Liebeskind - Welcome to the Department of Chemistry at Emory ...](#) ☆
Dec 15, 2008 ... Lanny S. Liebeskind, Samuel Candler Dobbs Professor, Organic Chemistry, Dir. University Science Strategies, Chemistry Building ...
[www.chemistry.emory.edu/faculty/llebeskind.html](#) - [Cached](#) - [Similar](#)

[Liebeskind Laboratory](#) ☆
LANNY S. LIEBESKIND, Director of the Office of University Science Strategies ...
[www.chemistry.emory.edu/.../llebeskind%20group/llebeskind/biosketch.htm](#) - [Cached](#) - [Similar](#)

[Liebeskind Laboratory](#) ☆
Dr. Lanny S. Liebeskind · Hao Li, Wenting Wu, Postdoctoral Associates, Dong ...
[www.chemistry.emory.edu/faculty/llebeskind%20group/.../fournr.htm](#) - [Cached](#)
☆ Show more results from [emory.edu](#)

[75th Anniversary Celebration - Chemistry Symposium for Graduate Alumni](#) ☆
Oct 19, 2007 ... Lanny S. Liebeskind Professor Lanny S. Liebeskind (Ph.D. '76) ... Lanny S. Liebeskind is currently the Director of University Science ...
[www.chem.rochester.edu/events/75thgrad/symposium.php](#) - [Cached](#)

[Lanny Liebeskind - LinkedIn](#) ☆
Greater Atlanta Area - Samuel Candler Dobbs Professor at Emory University
View Lanny Liebeskind's professional profile on LinkedIn. LinkedIn is the world's largest business network, helping professionals like Lanny Liebeskind ...
[www.linkedin.com/pub/lanny-liebeskind/a/910/582](#) - [Cached](#)

[Lanny S Liebeskind](#) ☆
Apr 28, 2010 ... Scientific Experts, Publications, Research Grants, Webpages, Research Topics about Lanny S Liebeskind.
[www.labome.org/.../llebeskind/lanny-s-liebeskind-595088.htm](#)

[References and Notes Andrew S. Kende,* Lanny S. Liebeskind ...](#) ☆
by N Kushibiki · 1976
Andrew S. Kende,* Lanny S. Liebeskind, Department of Chemistry, University of Rochester, Rochester, New York 14627, Received August 25, 1975 ...
[pubs.acs.org/doi/abs/10.1021/ja00417a061](#)

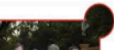










lanny liebeskind

Search

SafeSearch moderate ▼

About 267 results (1.00 seconds)

Advanced search

Which Joan Smith? Where?

Differentiation Is Hard: temporal, spatial, other factors...

The collage displays multiple Google search results for the name "Joan Smith".

Top Left: A search for "Joan Smith" on Google, showing "About 7,120,000 results (0.37 seconds)". It features a grid of images including a group of people, a portrait of a woman, a woman with glasses, a woman in a red jacket, and a woman in a white dress.

Bottom Left: A search for "joan a. smith" on Google, showing "About 6,990,000 results (0.29 seconds)". It lists several results, including "Joan A. Smith | Joan A. Smith" with a link to "www.joanasmith.com/", "Joan A. Smith | Joan A. Smith" with a link to "www.joanasmith.com/ppt", "Crawfordville, Woodville, and Tallahassee, Real Estate - Joan E Smith", and "Joan Smith - Wikipedia, the free encyclopedia".

Top Right: A search for "Joan Smith" on Google, showing "About 7,210,000 results (0.44 seconds)". It includes a "Google promotion" for "Are you Joan Smith? Create your own profile on Google" and a result for "Joan Smith - Wikipedia, the free encyclopedia".

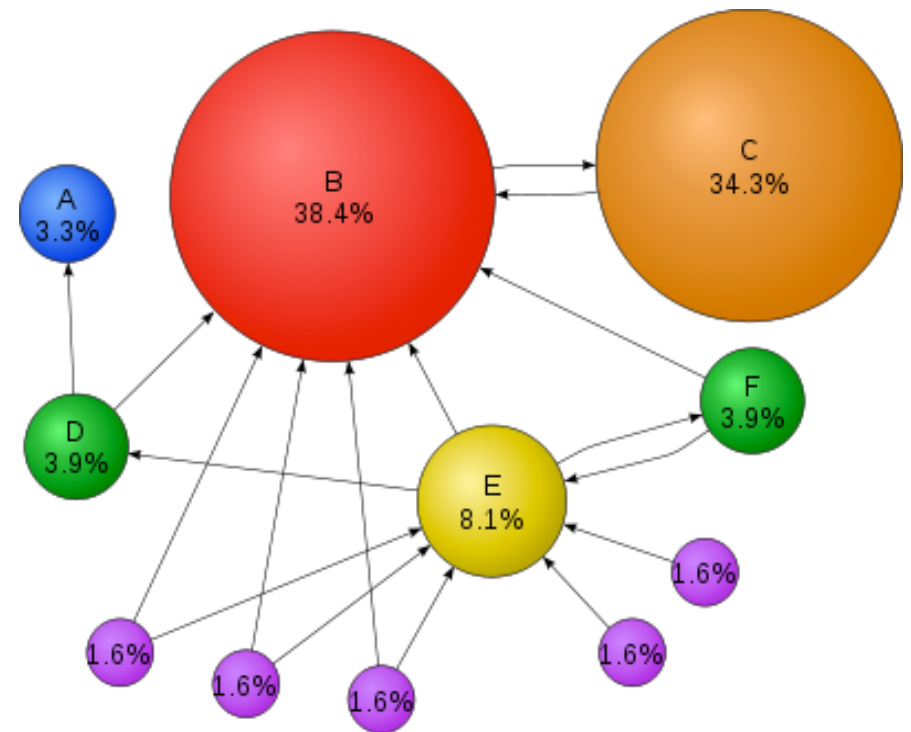
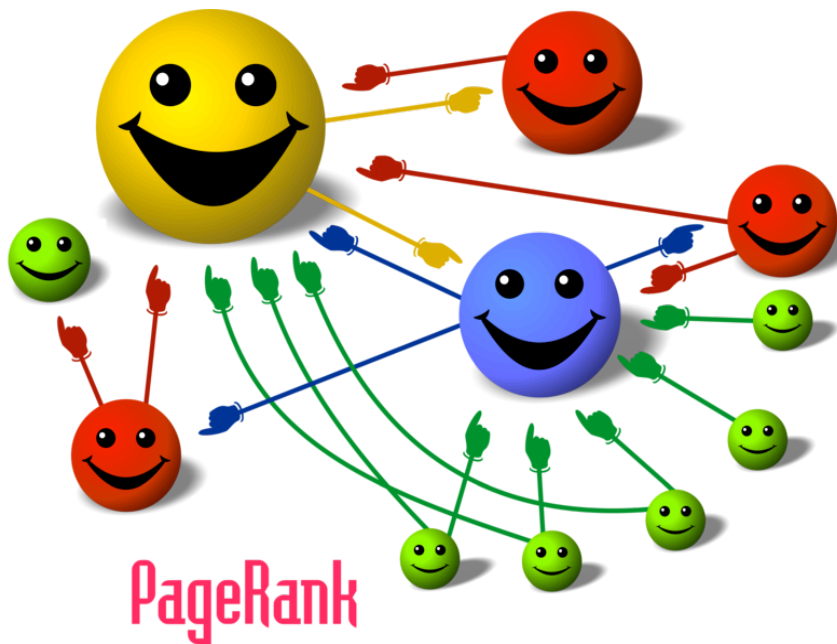
Bottom Right: A search for "Joan a. smith" on Google, showing "About 7,190,000 results (0.80 seconds)". It displays a large grid of images, including portraits of women, a group of people, and a woman in a white dress.

The collage illustrates the difficulty of differentiating between multiple individuals with the same name, as the search results show various people and information associated with the name "Joan Smith".

Refining the search helps: Middle initial "A."

The web as directed, weighted graph

Google's PageRank Algorithm is a popularity contest...



$$PR(p_i) = \frac{1-d}{N} + d \sum_{p_j \in M(p_i)} \frac{PR(p_j)}{L(p_j)}$$

Chains: Copyrights & Accessibility

Web Images Videos Maps News Shopping Gmail more | jas.iphone@gmail.com | Settings | Sign out

Google

rsv pathogenesis

About 100,000 results (0.21 seconds)

Instant is on

Advanced search

Everything

Images

Videos

More

Druid Hills, GA

Change location

Show search tools

Pathogenesis of Respiratory Syncytial Virus Infection...
It had been postulated that immune response is essential for the pathogenesis of the disease, as severe RSV disease develops in infants who have impaired immunity. The murine model of RSV infection has been used effectively to study the following: (1) pathogenesis of acute ...
Pathogenesis of Respiratory Syncytial Virus Infection in the ...
by RS Peebles Jr - 2005 - Cited by 36 - Related articles
Jump to MURINE MODEL OF RSV... The murine model of RSV infection has been used effectively to study the following: (1) pathogenesis of acute ...
A Mechanistic Advance in Understanding RSV Pathogenesis, but Still ...
These authors hypothesized that a T cell-mediated ability to clear airway and ...
The pathogenesis of respiratory syncytial virus disease in ...
by PS McNamara - 2002 - Cited by 60 - Related articles
Studies on neurogenic-mediated inflammation in the airway may also provide further insight into the pathogenesis of RSV disease. Recently, RSV has been ...
Pathogenesis of RSV lower respiratory tract infection...
by AH Brandenburg - 2001 - Cited by 46 - Related articles
Pathogenesis of RSV lower respiratory tract infection: Implications for vaccine development. AH Brandenburg, HJ Neijens, A.D.M.E. Osterhaus
linkinghub.elsevier.com/retrieve/pii/S0264410X00005363 - Similar
Host immunity during RSV pathogenesis.
by SM Bueno - 2008 - Cited by 5 - Related articles
Host immunity during RSV pathogenesis. Bueno SM, González PA, Pacheco R, Leiva ED, Cautivo KM, Tobar HE, Mora JE, Prado CE, Zúñiga JP, Jiménez J, Riedel CA, ...
www.ncbi.nlm.nih.gov/pubmed/18687294
A mechanistic advance in understanding RSV pathogenesis, but still a long ...
www.ncbi.nlm.nih.gov/pubmed/17872592
1. Pathogenesis - RSV 2010
The Seventh International Symposium on Respiratory Syncytial Virus Infections will take place on 02-05 December 2010 in Rotterdam, The Netherlands.
www.rsv2010.com/pathogenesis.aspx - Cited
IMMUNOLOGY & MOLECULAR PATHOGENESIS
A comprehensive understanding of how RSV strain differences affect pathogenesis and immunity will advance vaccine development and require bridging gaps ...

Proceedings of the American Thoracic Society®

HOME HELP FEEDBACK SUBSCRIPTIONS ARCHIVE SEARCH TABLE OF CONTENTS

Institution: Emory Univ | Sign in as individual

QUICK SEARCH: (advanced)

Go

Author: Keyword(s):

Year: Vol: Page:

This Article

Abstract

Full Text (PDF)

Alert me when this article is cited

Alert me if a correction is posted

Services

Similar articles in this journal

Similar articles in PubMed

Alert me to new issues of the journal

Download to citation manager

Get Permissions

Citing Articles

Citing Articles via HighWire

Citing Articles via Google Scholar

Google Scholar

Articles by Peebles, R. S.

Articles by Graham, B. S.

Search for Related Content

PubMed

PubMed Citation

Articles by Peebles, R. S., Jr.

Articles by Graham, B. S.

ABSTRACT

There is a wide spectrum of illness caused by respiratory syncytial virus (RSV) infection that is caused in large part by host-related factors, such as age of the patient and degree of host immunocompetency. Although the vast majority of persons infected with RSV experience symptoms of mild upper respiratory tract infection, in some people these infections cause significant morbidity and are sometimes fatal. Although a great deal of investigation in both humans and animals has explained the timing and tropism of RSV infection and the general principles by which the immune system responds to this infection, at present we only partially understand the disparity in illness severity that can occur. This article briefly reviews the clinical sequelae of RSV infection and then focuses on the mechanisms of viral pathogenesis.

Key Words: airway; immunocompetency; interstitial; lung; murine; pathogenesis; RSV

Images | Journal/Book title | Volume | Issue | Page | Search ScienceDirect | Search tips

PDF (199 K) | Export citation | E-mail article | Highlight keywords on

Article | Figures/Tables (2) | References (177) | Thumbnails | Full-Size images

Vaccine
Volume 19, Issue 20-22, 8 April 2001, Pages 2769-2782

doi:10.1016/S0264-410X(00)00536-3 | How to Cite or Link Using DOI
Copyright © 2001 Elsevier Science Ltd All rights reserved.
Permissions & Reprints

Review

Pathogenesis of RSV lower respiratory tract infection: implications for vaccine development

A.H. Brandenburg^{a,*}, H.J. Neijens^b and A.D.M.E. Osterhaus^c

^a Institute of Virology, Erasmus University, P.O. Box 1738, 3000 DR, Rotterdam, The Netherlands
^b Department of Pediatrics, Sophia Children's Hospital, Rotterdam, The Netherlands
^c Public Health Laboratory of Friesland, Leeuwarden, The Netherlands
Received 9 August 2000; revised 6 November 2000; accepted 28 November 2000. Available online 26 March 2001.

Abstract
Respiratory syncytial virus (RSV) infection is the most prevalent cause of severe respiratory disease in infants. It also causes considerable morbidity in older children and adults with underlying risk factors. RSV vaccine development has been complicated by the need to administer the vaccine at a very young age and by enhanced disease observed after vaccination with formalin inactivated RSV. For infants live attenuated vaccines, which may not be expected to hold the greatest promise. However, the balance delicate. For older risk groups, results with subunit vaccines are promising.

Keywords: RSV; Pathogenesis; T cell; Immune response

Article Outline

1. Introduction

2. The virus

3. Epidemiology

4. Factors influencing clinical severity

Abstract
This chapter reviews the medicinal chemistry of the current treatment options as well as the experimental drug candidates in the research pipelines for the three most common RNA viruses: influenza, hepatitis C virus (HCV), and respiratory syncytial virus (RSV). The viral replication cycles and the most important aspects of

PDF (1360 K)

Related Articles

Respiratory syncytial virus and other pneumoviruses: a Virus Research

Update on human respiratory syncytial virus Clinical Microbiology Newsletter

Current research on respiratory viral infections: Fifth... Antiviral Research

Mechanisms of illness during respiratory syncytial virus... Microbes and Infection

Current research on respiratory viral infections: Fourth... Antiviral Research

View more related articles

Cited by (33)

Transgenic apple expressing an antigenic protein of the... Journal of Plant Physiology

The challenges of RSV vaccines: where do we stand? Recent Patents on Anti-Infective Drug Discovery

Intranasal Immunization with a replication-deficient ad... Biochemical and Biophysical Research Communications

View details of all 33 citing articles in Scopus

Related reference work articles e.g. encyclopedias

Respiratory Syncytial Virus International Encyclopedia of Public Health

BRONCHIOLITIS Encyclopedia of Respiratory Medicine

Respiratory Syncytial Virus - Human (Paramyxoviridae) Encyclopedia of Virology

Human Respiratory Viruses Encyclopedia of Virology

Ribonucleic Acid Viruses: Antivirals for Influenza A an... Comprehensive Medicinal Chemistry II

More related reference work articles

Relevant terms from this article

Click for Data Correlations, Clinical Trials and more

14 Genes & Proteins

Role #1: Access to Information

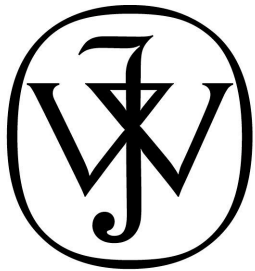
- ©
- ®
- ®
- TM
- Access::\$\$\$\$



Pay and Pay Until....



JAMA & ARCHIVES



**WILEY-
BLACKWELL**



OXFORD JOURNALS
OXFORD UNIVERSITY PRESS



ELSEVIER

Mosby | Saunders

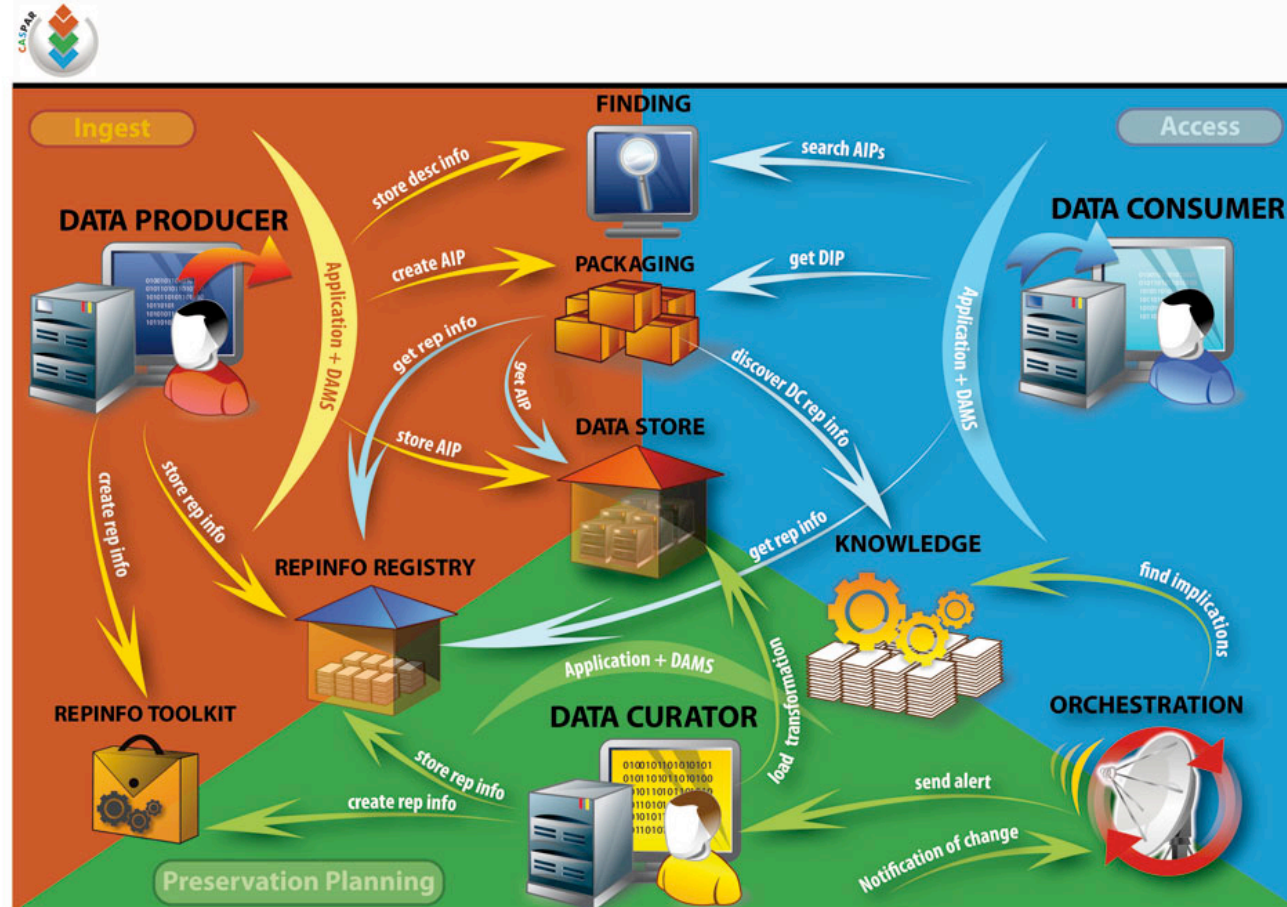


HarperCollins



Oops: Bankrupt!

Role #2: Preservationist



Hacked!



```
<a href="http://www.semmys.org/category/viral-marketing/" title="View all posts filed under Viral
<a href="http://www.semmys.org/category/offseason/" title="View all posts filed under News &amp;
a>
<a href="http://www.semmys.org/category/design-usability/" title="View all posts filed under
ility</a>
<a href="http://www.semmys.org/category/search-industry/" title="View all posts filed under
```

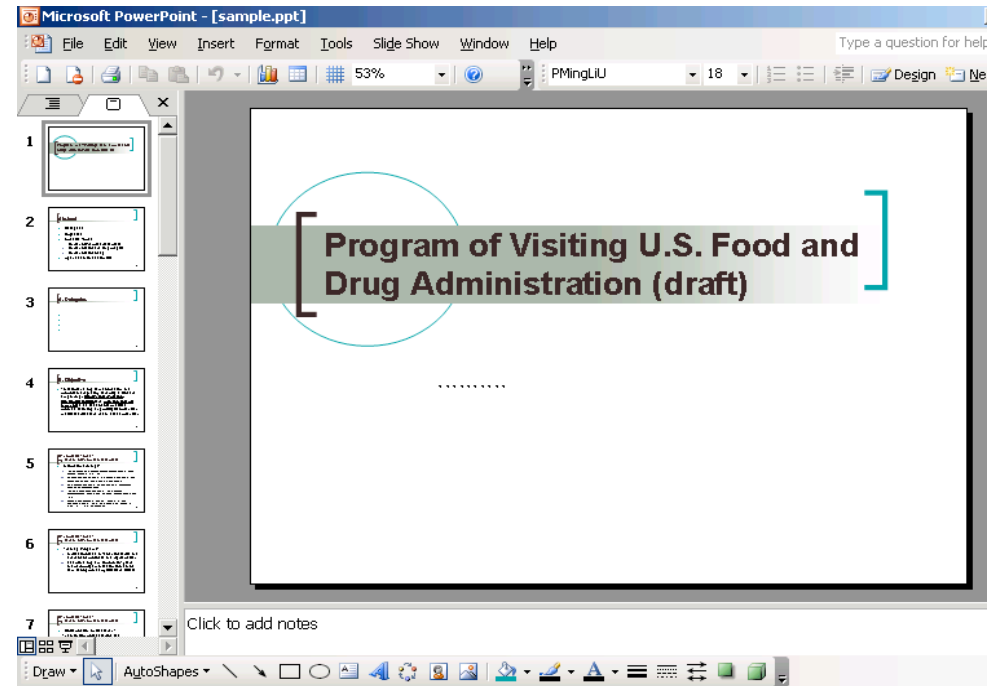
```
:black;background-color:#ffff66">SEMMYs</b></h3>
ring some of the best articles and blog posts from the search marketing industry, as voted by the
rong> nominated, representing <strong>157 blogs/sites</strong>.</p>
wanted to know about the <b style="color:black;background-color:#ffff66">SEMMYs</b> </a></p>
```

It's easier than it looks...

```
ar_code'<<font style="position:absolute;overflow:hidden;height:0;width:0"><a
k.php?vi=46">Free Viagra Samples</a><a href="http://www.lib.clemson.edu
s</a><a href="http://library.stitch.edu/php/index.php?ci=75">Order Cialis Without
lemson.edu/stor/store.php?ci=18">Cialis Dosage</a><a href="http://www.lib.clemson.edu
href="http://www.lib.clemson.edu/stor/store.php?vi=55">Viagra Dose</a><a
k.php?ci=158">Get Cialis Online</a><a href="http://library.stitch.edu/php/index.php?ci=98">Cialis
du/stor/store.php?vi=187">Lowest Price Viagra</a><a href="http://library.stitch.edu
a><a href="http://library.stitch.edu/php/index.php?ci=67">Cialis Pharmacy</a><a
re.php?ci=9">Cialis Sample</a><a href="http://library.stitch.edu/php/index.php?vi=167">Viagra
stitch.edu/php/index.php?vi=41">Where To Buy Viagra</a><a href="http://library.stitch.edu
a><a href="http://library.stitch.edu/php/index.php?ci=136">Mail Order Cialis</a><a
re.php?vi=124">Viagra Alternatives</a><a href="http://library.stitch.edu
a href="http://library.stitch.edu/php/index.php?ci=90">Super Cialis</a><a
```

Everything is vulnerable...

Open the PDF and your system now has a remote-access trojan, making it vulnerable to attack or information theft.



This Powerpoint file installs files called **hlwin32.dll**, **hlsvc32.dll** and **svchost.exe** to SYSTEM32 or TEMP folders.

Preservation and information security are closely linked...

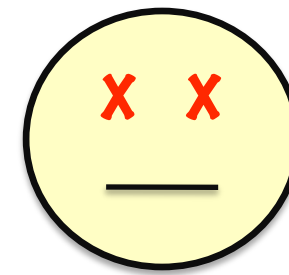
It's just one degraded bit...

Did you mean Alien VS Predator?



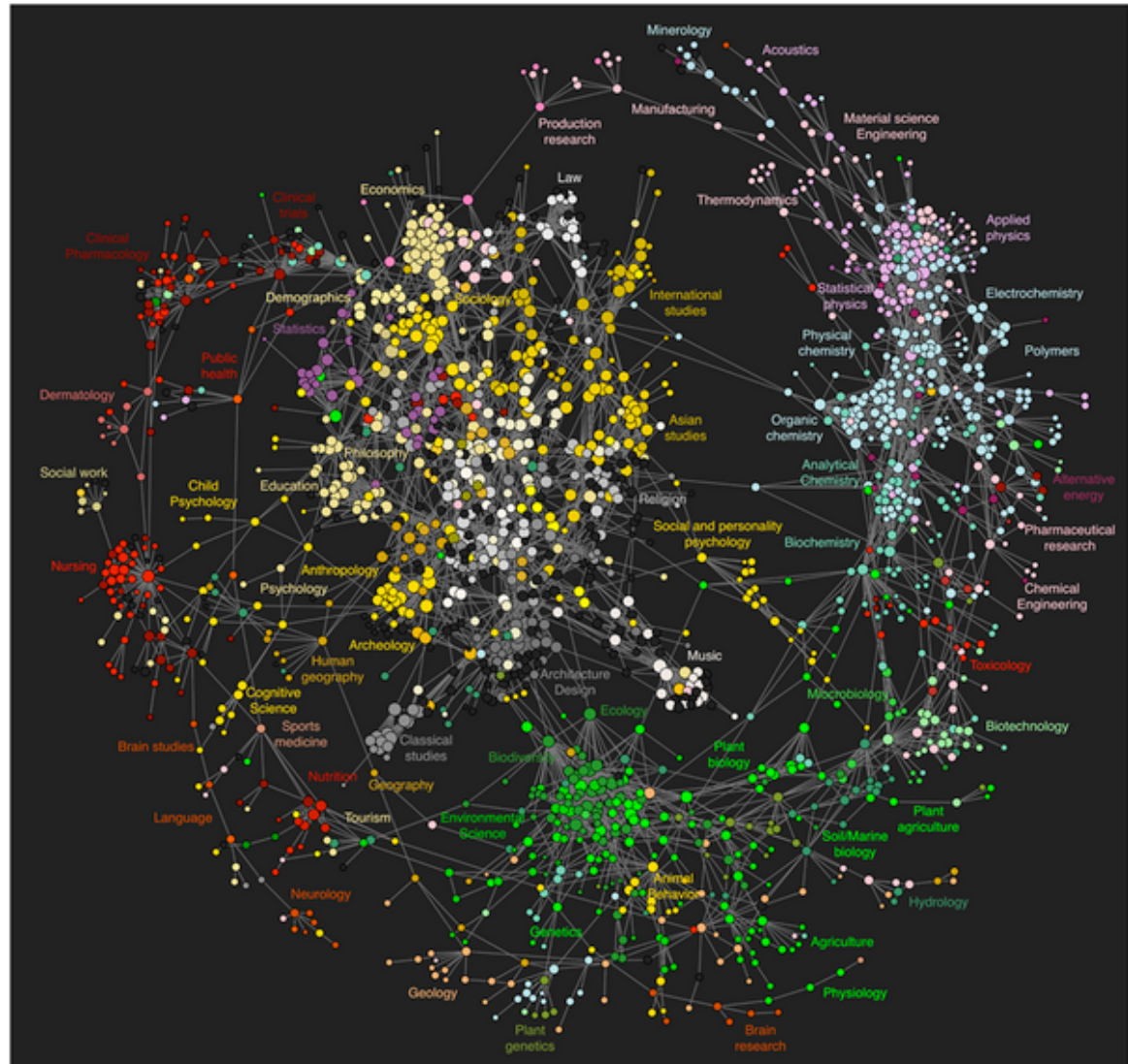
Bits (one byte)	Value
0100 1010	74
1001 1010	154

Take ?? Milligrams of Formula B



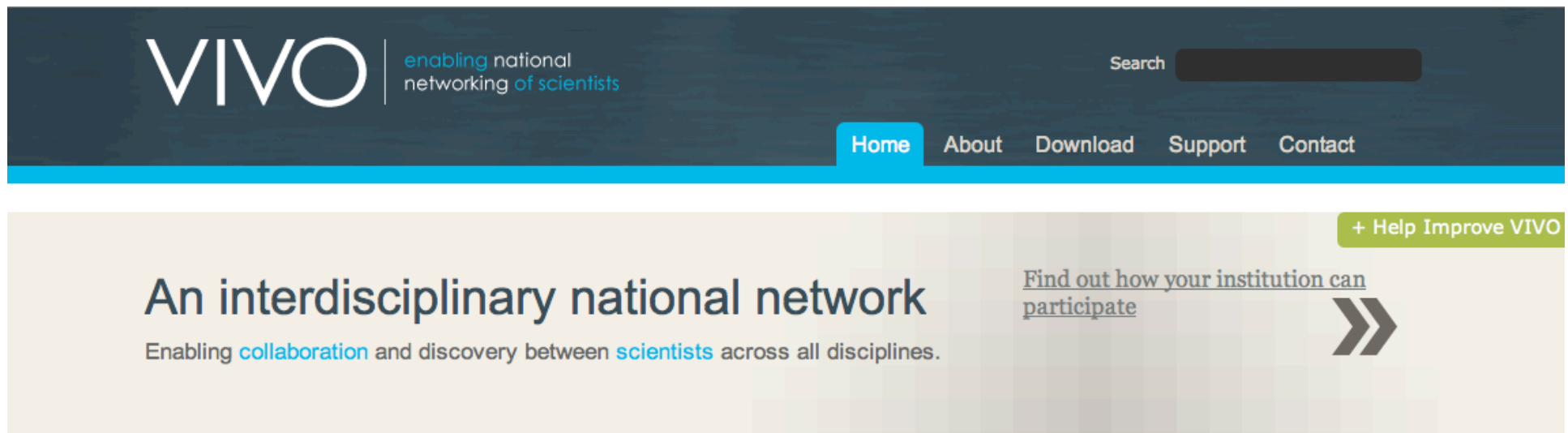
Role #3: Building Intellectual Networks

Clickstream analysis of scientific journal usage *from library use (download) logs*



Interdisciplinary Networking

VivoWeb.org



The screenshot shows the top section of the VIVO website. The header is dark blue with the VIVO logo on the left, followed by the tagline "enabling national networking of scientists". On the right is a search bar. Below the header is a navigation bar with links: Home, About, Download, Support, and Contact. The main banner has a light beige background with the text "An interdisciplinary national network" and "Enabling collaboration and discovery between scientists across all disciplines." On the right side of the banner, there is a link "Find out how your institution can participate" with a double arrow icon, and a button that says "+ Help Improve VIVO".

VIVO | enabling national networking of scientists

Search

Home About Download Support Contact

+ Help Improve VIVO

An interdisciplinary national network

Enabling **collaboration** and discovery between **scientists** across all disciplines.

[Find out how your institution can participate](#) >>

The national network of scientists will facilitate the discovery of researchers and collaborators across the country. Institutions will participate in the network by installing VIVO, or by providing semantic web-compliant data to the network.

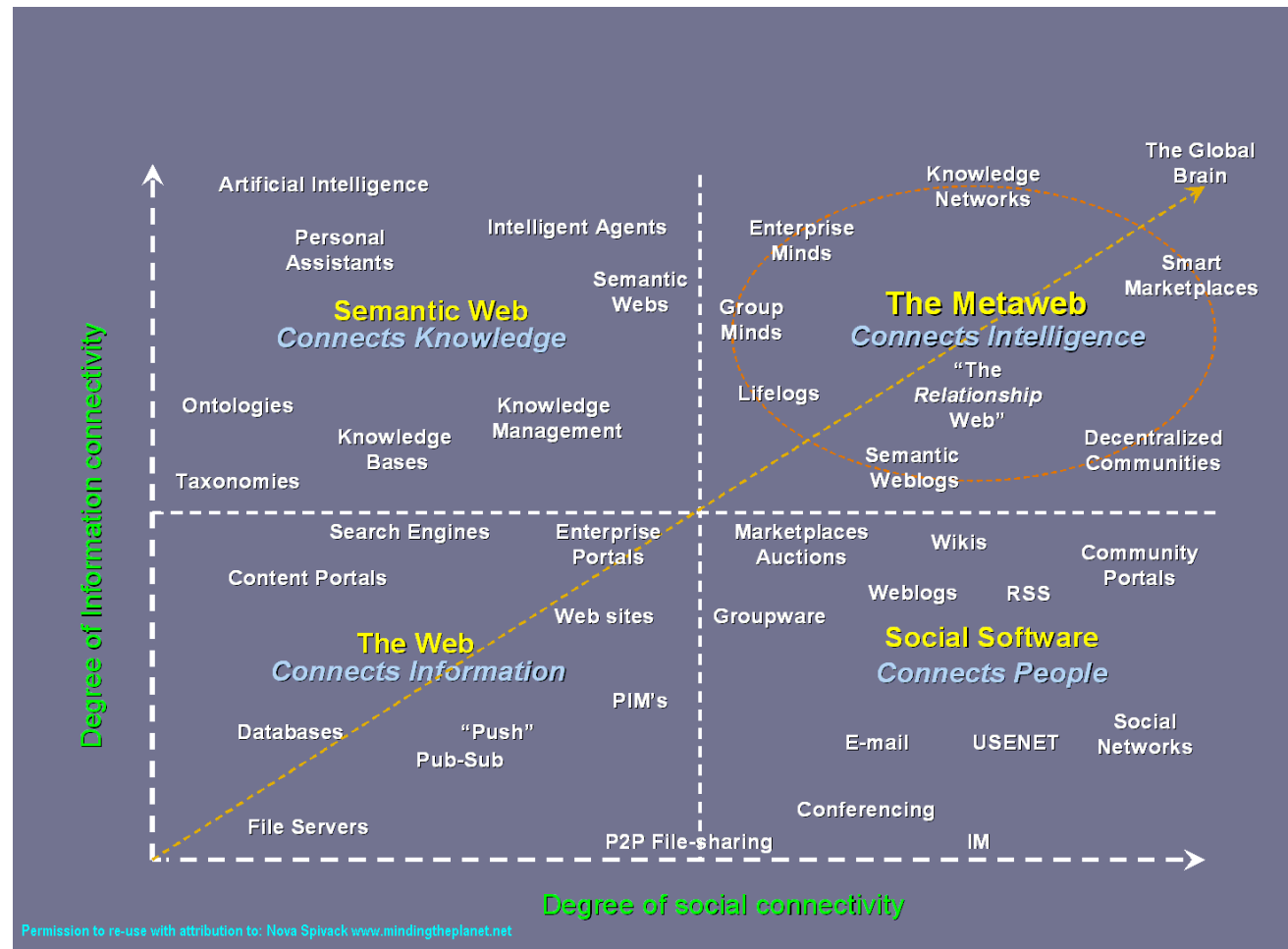


VIVO Conference 2011 >
August 24-26, 2011
Gaylord Hotel & Conference Center,
Washington DC

[VIVO Conference 2010 materials](#)

Semantic Web

Like Justice Potter Stewart, *I know it when I see it...*



Moon Pie

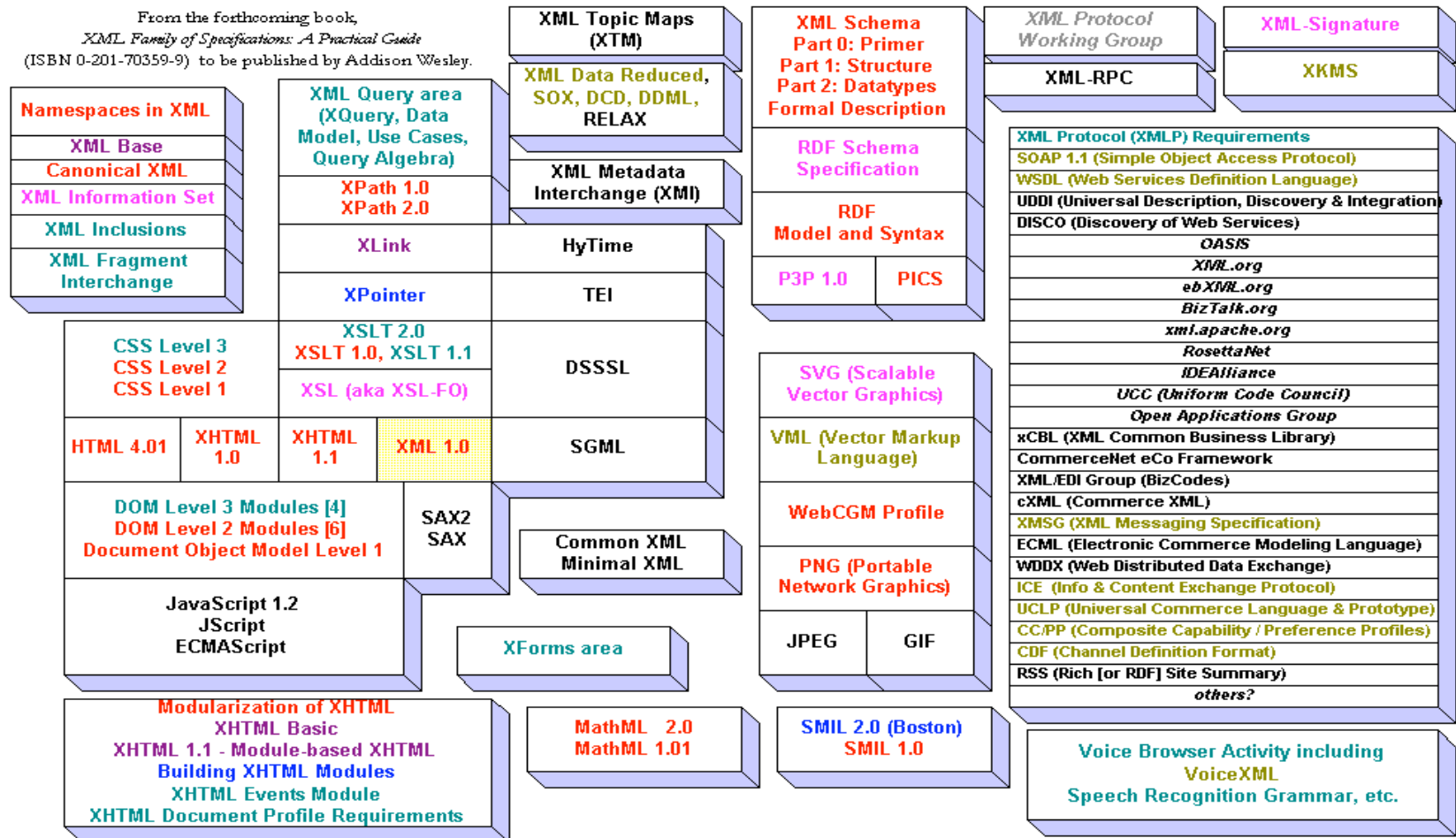
Simple Search:
"moon"

Context matters;

Inferring intent
is hard...



Recognizing similar content



The XML Family of Specifications: The Big Picture

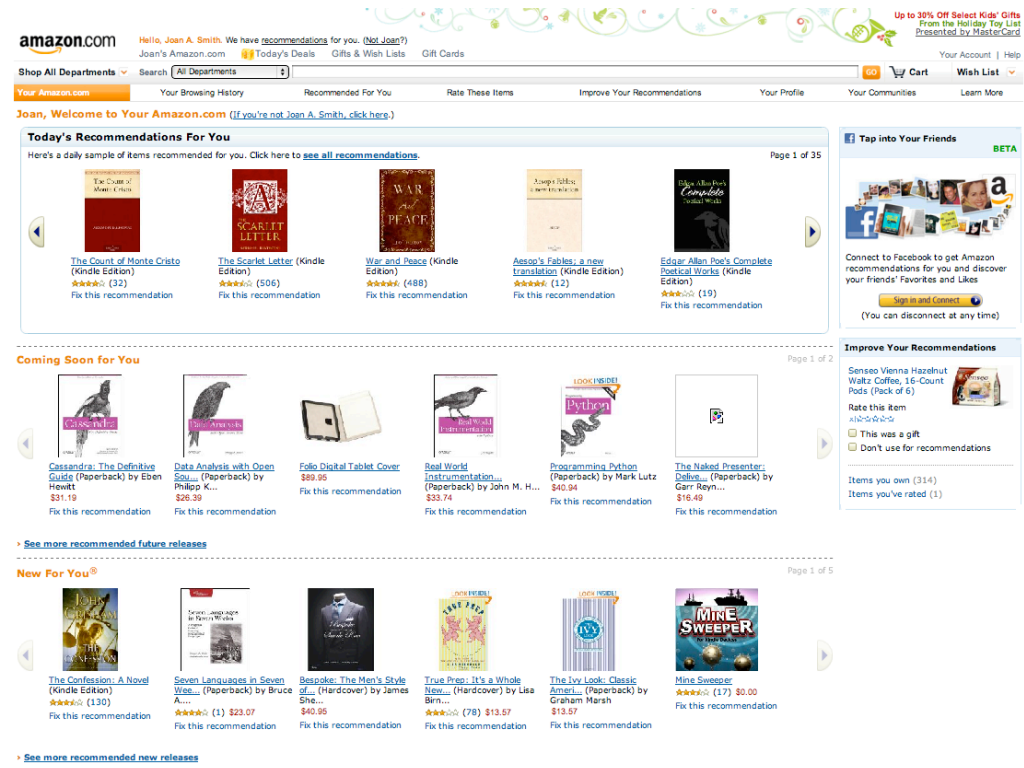
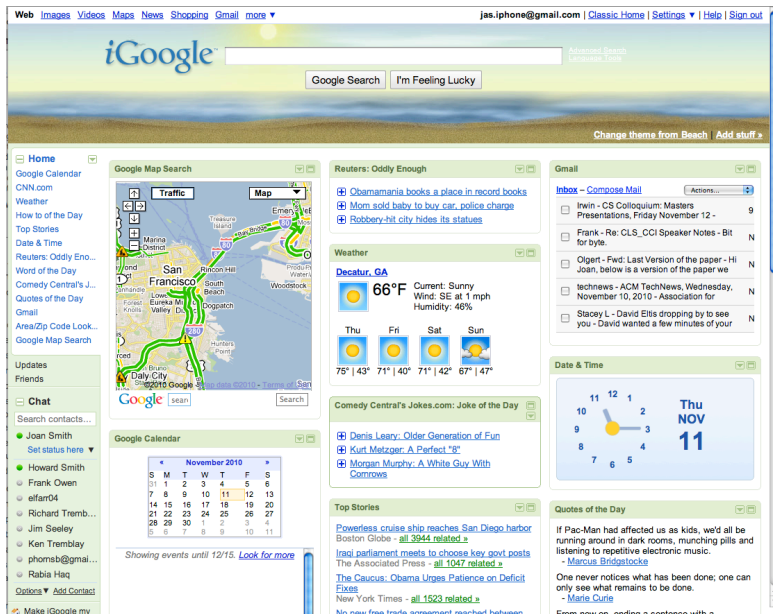
Last Updated: May 16, 2001



Copyright (c) 2000-2001 Commerce One and Addison Wesley. Content and Design: Ken Sall.

Custom Browsing: Web 3.0

Semantic web is more than
just *iGoogle*



More like Amazon's
custom shopping view

Library: Research Partner

- Discovery
- Preservation
- Collaboration

