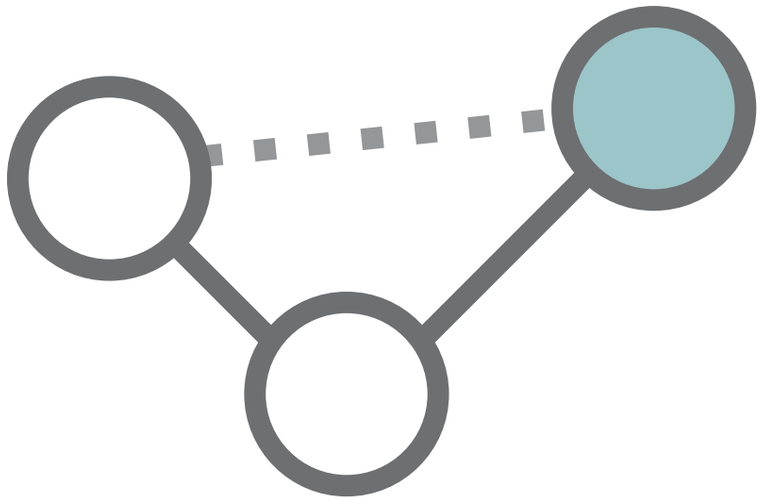


Digital Vita

Connecting colleagues through science

Digital Vita

Carnegie Mellon University HCII
sushmita | daniel | louisa | pij | gregory

University of Pittsburgh School of Dental Medicine
Titus Schleyer | Heiko Spallek | Brian Butler

Our goal:

Create an online system to help medical researchers initiate collaboration

01 Introduction

02 The Problem Space

03 The Solution

04 Future Direction

01 Introduction

Background research

Literature review
Affinity diagram

Project focus

Contextual inquiry
Contextual design

Design concepts

affinity diagram
brainstorming

Validated designs

Concept validation

Hi-fi prototype

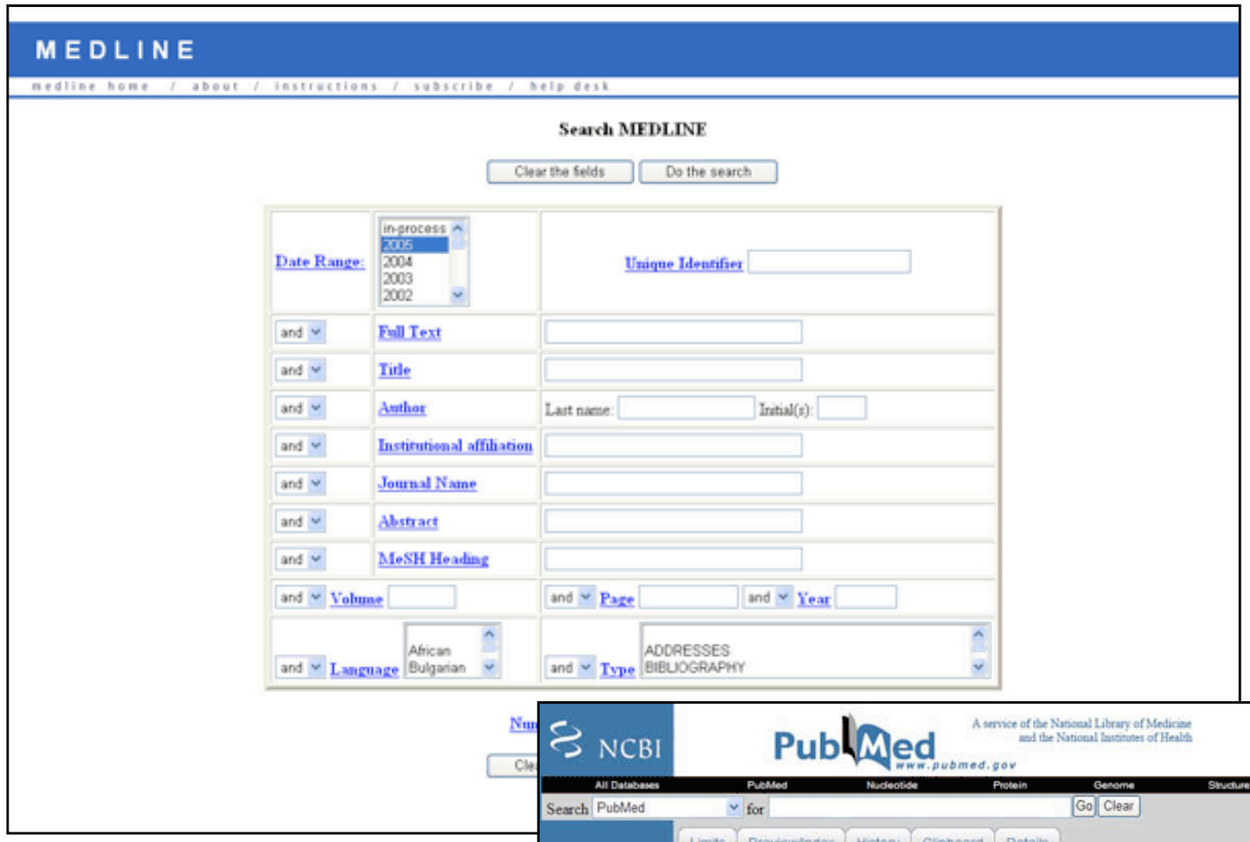
Think alouds

Wireframes

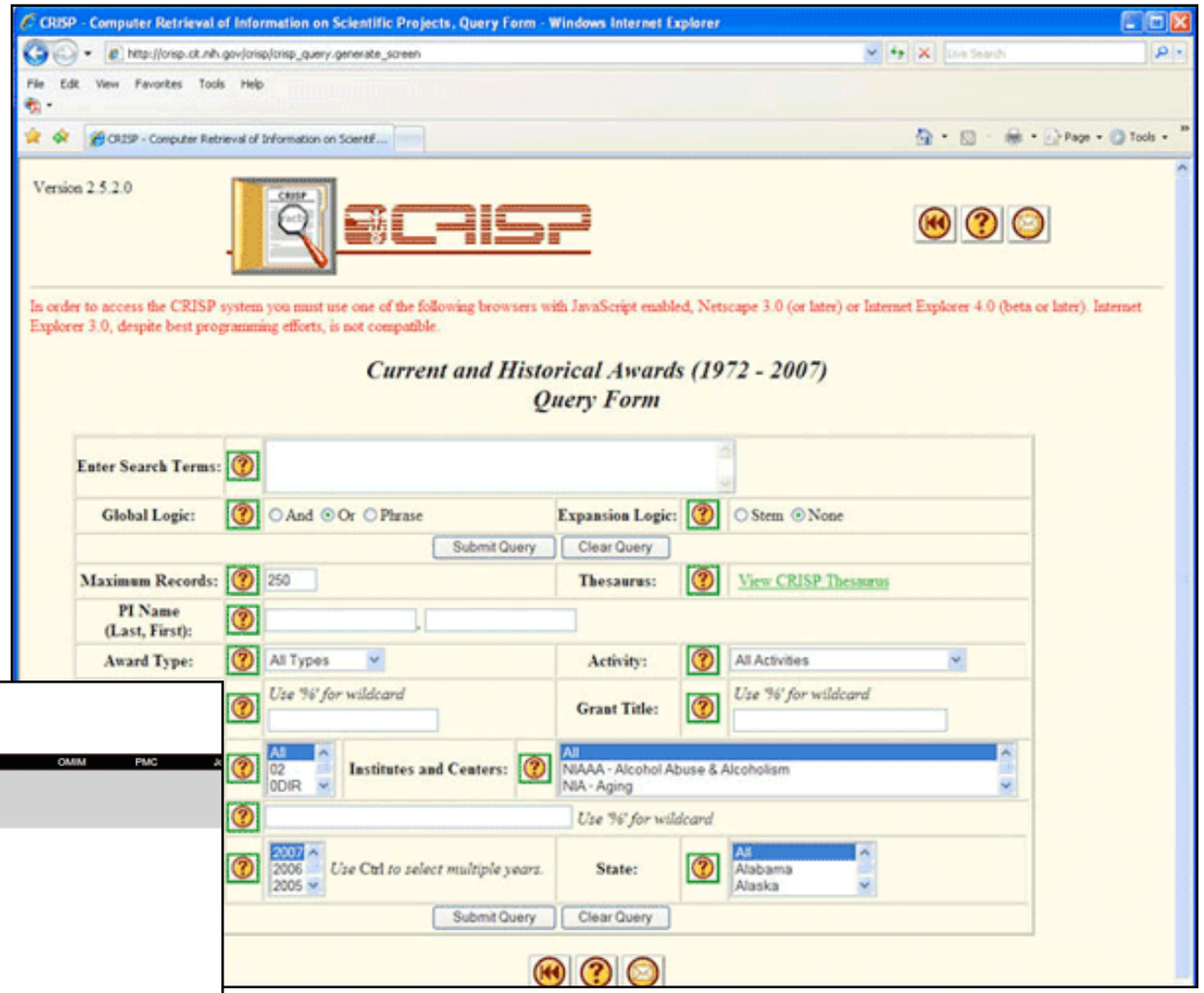
Think alouds

What do researchers currently do to find a collaborator?

How do existing online systems support this?


MEDLINE
medline home / about / instructions / subscribe / help desk
Search MEDLINE
Clear the fields
Do the search
Date Range:
in-process
2005
2004
2003
2002
Unique Identifier
and
Full Text
Title
Author
Last name:
Initial(s):
Institutional affiliation
Journal Name
Abstract
MeSH Heading
Volume
Page
Year
Language
African
Bulgarian
Type
ADDRESSES
BIBLIOGRAPHY

NCBI
PubMed
A service of the National Library of Medicine and the National Institutes of Health
www.pubmed.gov
All Databases
PubMed
Nucleotide
Protein
Genome
Structure
OMIM
PMC
Search PubMed
for
Go
Clear
Limits
Preview/Index
History
Clipboard
Details
About Entrez
Text Version
Entrez PubMed
Overview
Help | FAQ
Tutorials
New/Noteworthy
E-Utilities
PubMed Services
Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI
Related Resources
Order Documents
NLM Mobile
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central
Note: Performing your original search, pubmed, in PubMed will retrieve 6966 citations.
To get started, enter one or more search terms.
Search terms may be topics, authors or journals.
NCBI has completed work on a new system that forms the foundation for the next generation of new features and capabilities for PubMed and the other NCBI databases. Users may need to upgrade or change to another Web browser.
My NCBI
Set up an automated PubMed update in fewer than 5 minutes.
(1) Get a My NCBI account. (2) Save your search.
(3) Your PubMed updates can be e-mailed directly to you.
Read the My NCBI Help material to explore other options, such as automated updates of other databases, setting search filters, and highlighting search terms.
PubMed is a service of the U.S. National Library of Medicine that includes over 17 million citations from MEDLINE and other life science journals for biomedical articles back to the 1950s. PubMed includes links to full text articles and other related resources.
Write to the Help Desk
NCBI | NLM | NIH
Department of Health & Human Services
Privacy Statement | Freedom of Information Act | Disclaimer


CRISP - Computer Retrieval of Information on Scientific Projects, Query Form - Windows Internet Explorer
http://crisp.cit.nih.gov/crisp/crisp_query.generate_screen
Version 2.5.2.0
CRISP
In order to access the CRISP system you must use one of the following browsers with JavaScript enabled, Netscape 3.0 (or later) or Internet Explorer 4.0 (beta or later). Internet Explorer 3.0, despite best programming efforts, is not compatible.
Current and Historical Awards (1972 - 2007)
Query Form
Enter Search Terms:
Global Logic:
And
Or
Phrase
Expansion Logic:
Stem
None
Submit Query
Clear Query
Maximum Records:
250
Thesaurus:
View CRISP Thesaurus
PI Name (Last, First):
Award Type:
All Types
Activity:
All Activities
Use '%' for wildcard
Grant Title:
Institutes and Centers:
All
NIAAA - Alcohol Abuse & Alcoholism
NIA - Aging
Use Ctrl to select multiple years.
State:
Alabama
Alaska

Ohio State University

expertise home / about / instructions / subscribe / help desk

Mary Scott

Ohio State University
University Libraries
Geology Library
Associate Professor Appointed: 2000

Mailing Address

155 S Oval Dr.
180 Orton Hall
Columbus, Ohio 43210
United States

Qualifications

M.S., University of North Dakota, Geology, 1972
M.L.Sci., University of Pittsburgh, Library Science, 1990

Expertise and Research Interests

Bibliographic control of geoscience literature.

Keywords

COS Keywords: Library Science

Memberships

Geoscience Information Society
Special Libraries Association

Previous Positions

Individual Expertise profile of *Mary Scott*, Copyright Mary Scott. COS Expertise® © 2007 CSA, Bethesda, Maryland.

Create a Document

Generate a curriculum vitae (CV).

Generate a PHS 398 Biographical Sketch for NIH.

Locate Funding

Listed below are the areas of interest for this individual. Use the che

☐ Library Science

Combine the terms selected above with: ◉ Or ○ And
Deadline within the next: ○ 1 month ○ 2 months ○ 3 mon

Locate Funding

COS Expertise

expertise home / about / instructions / subscribe / help desk

Refine Your Query • Previous Searches • View Multiple Records • Main Search Interface

Query: ((Subject=(university and pittsburgh)) and Profile Type=(Full) and (Updated Since August 01, 2003))

Records found: 1587 **Records displayed:** 25

		Name	E-mail	Institution	Department	Country
☐	1.	Scott, Mary		Ohio State University	Geology Library	United States
☐	2.	Keim, Robert T.		Arizona State University		
☐	3.	McIntire, Sara Charlotte		University of Pittsburgh		
☐	4.	Ford, Sylvena, Dr.		University of Memphis		
☐	5.	Matlis, Eben, Prof.		Northwestern University		
☐	6.	Carter, Kim C.		Ohio State University		
☐	7.	Mitchell, Gary A.		Indiana University Purdue Univ		
☐	8.	Dube, Archana, Dr.		Indiana University Purdue Univ		
☐	9.	Desai, Salil, Dr.		North Carolina A&T State Univ		
☐	10.	Ansevin, Allen, Dr.		University of Texas Health Scie		
☐	11.	Kirisci, Levent		University of Pittsburgh		
☐	16.	King, Mark E.		University of Pittsburgh		
☐	17.	Llinas, Estela Soria, Dr.		University of Pittsburgh		
☐	18.	Krishnan, Kavitha N., Mrs.		University of Wisconsin-Madis		
☐	19.	Noecker, Robert J.		University of Pittsburgh		
☐	20.	Stanley, Jeffrey		University of Pittsburgh		
☐	21.	Jamar, Idorenyin, Dr.		Carnegie Mellon University		
☐	22.	Kaf, Wafaa A.		Southeast Missouri State Univ		
☐	23.	Pham, Thuan Huu, Mr.		University of Queensland		
☐	24.	Thomson, Nichola Jane, Miss		University of Pittsburgh Medica		
☐	25.	Jamison, Wesley		University of Pittsburgh		

COS Expertise

expertise home / about / instructions / subscribe / help desk

Search COS Expertise

☑ Limit search to Full Profiles

Clear the Fields Do the Search Quick Hints For Searching

and	**All Fields:** (e.g., cancer or oncology)	
and	**Last Name:** (e.g., john* gets Johns, Johnson, etc)	
and	**First Name:** (e.g., dav* gets Dave and David, etc.)	
and	**Institution:** (e.g., texas gets Texas A&M, University of texas, etc.)	
and	**Location(s):**	Browse ... Clear
and	**Past Position(s):**	
and	**Expertise:** (e.g. conservation w/1 biology)	
and	**Memberships:** (e.g., "American Medical Association" or AMA)	
and	**Keywords:**	Browse ... Clear
and	**Qualifications:** (e.g., "ph d" or phd)	
and	**Patents:** (e.g., "protein structure")	
and	**Publication(s):** (e.g., nature and biochemistry)	
and	**Language(s):**	Browse ... Clear
and	**Profile(s) up-dated within:**	4 Years

Number of results to view: 25

Clear the Fields Do the Search

02 Problem Space

What are the current problems with online solutions?

01 Lack of updated information

02 Lack of a centralized and relevant data

03 Lack of support for researchers making contact

problem 01

Lack of Updated Information

Profiles are obsolete

Current systems take too much time and effort to update

Digital Vita

Make researchers want to update their information.

problem 02

Lack of centralized and relevant data

Researchers cannot search by the criteria they need.

Research interests

Publications

Geographic location

Number of citations

Digital Vita

Provide all relevant information in one location.

Researchers have social needs too.

problem 03:

Lack of support for researchers making contact

The only reliable way to make a connection is through an intermediary.

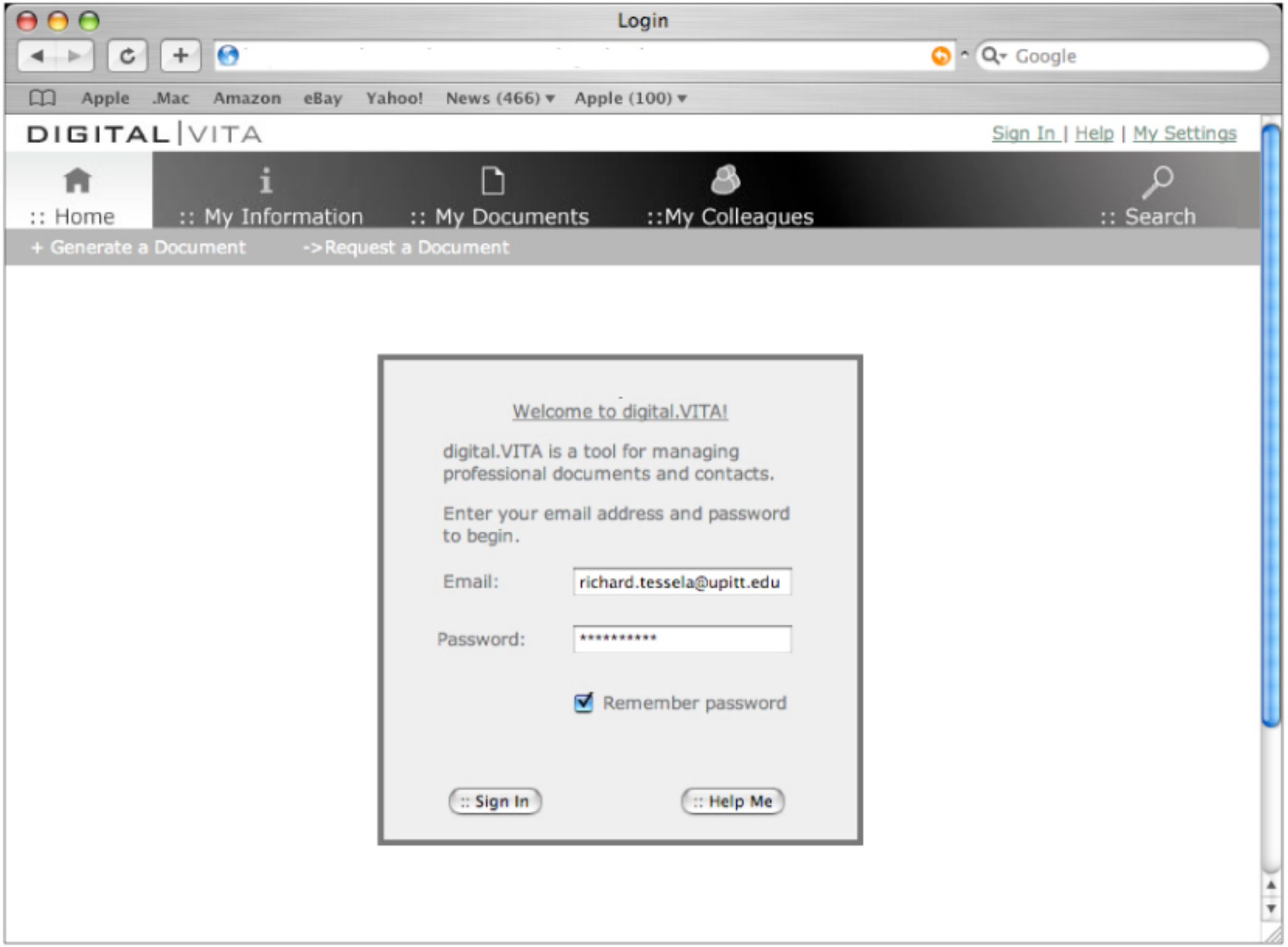
Digital Vita

Help researchers make connections through their existing social network

03 Solution

Digital Vita

Introducing Digital Vita


Login
Google
Apple .Mac Amazon eBay Yahoo! News (466) Apple (100)
DIGITAL | VITA
Sign In | Help | My Settings
:: Home
:: My Information
:: My Documents
::My Colleagues
:: Search
+ Generate a Document
->Request a Document
Welcome to digital.VITA!
digital.VITA is a tool for managing professional documents and contacts.
Enter your email address and password to begin.
Email:
richard.tessela@upitt.edu
Password:
Remember password
:: Sign In
:: Help Me

System Overview

Format it Your Way

Finding an Expert

Connecting through Colleagues

Format it Your Way

Goal: Make users want to update their information.

Solution: Saves researchers the trouble of reformatting and updating the same information in multiple places.

Finding an Expert

Goal: Provide all relevant information in one location.

Solution: Allow researchers to search for criteria they need to select a potential collaborator.

Connecting Through Colleagues

Goal: Help researchers make connections through their social networks.

Solution: Raising researchers' awareness of who they can turn to for referrals and introductions.

Digital Vita

Digital Vita Demo

04 Future Direction

Phase 1:

Implementing and deploying our current Digital Vita design

Phase 2:

Customization of Templates

Appropriate Routing Information

Intelligent Profile Recommendations

Phase 2:

Customization of Templates

Appropriate Routing Information

Intelligent Profile Recommendations

Phase 2:

Customization of Templates

Appropriate Routing Information

Intelligent Profile Recommendations

Phase 3:

Online Journal Forums

Live Nominated Virtual Q&A

Phase 3:

Online Journal Forums

Live Nominated Virtual Q&A

Vision

A system that facilitates the initial stage of collaboration

Fresh Profiles | Intelligent Indexing & Search | Informal Communication

Special Thanks to:

Clients	Titus Schleyer Heiko Spallek Brian Butler
Instructors	Brad Myers Sue Fussel
Program Coordinators	Nicole Willis Mary Scott