

## CS AKTive Space (CAS)

VIVO User needs that can be fulfilled:

1. Find the top 20 researchers in/around a region. ( within 200 miles. )
2. Find the top 20 researchers in/around a region in a particular research area.
3. The researchers can be ordered by grants/RAE results.

Specifically, one can see the relationship between funding, research area and geographical region. One can find for example, the top researchers in AI and their details.(phone numbers, email, research interests, etc)

Technology: Google Maps, Java/JSP/Servlets and JavaScript. Ipad/ Iphone compatible.

### Researcher

Top  5  10  20  unlimited

Order by  Grant total  RAE result

NR Shadbolt  
PC Treleaven  
L Moreau  
LA Carr

You can select by research area.

[About this page](#)  research area/region

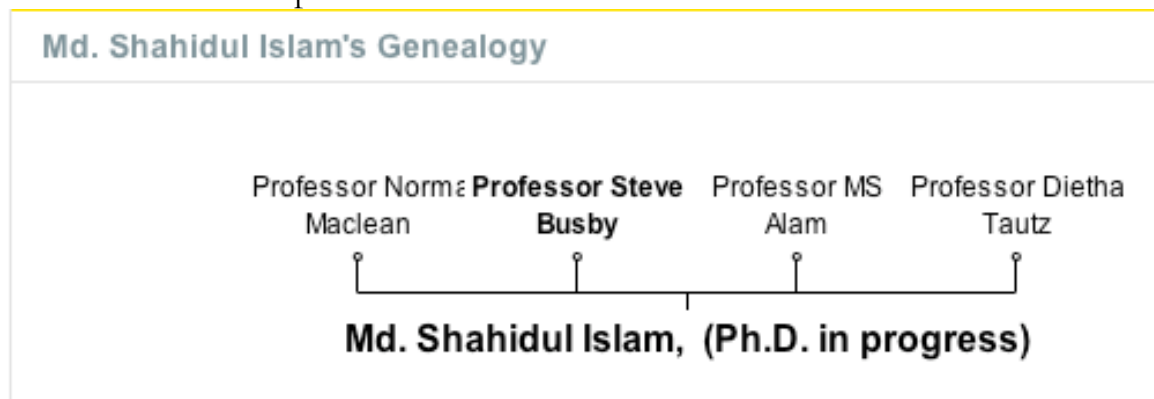
### Research area

probability and statistics  
discrete mathematics  
numerical analysis  
general



## Epernicus

Individual profile. A researcher's current position, current advisor( for PhDs), Past degrees, Past Advisors, Current research, Work experience, Genealogy, publications , posters and presentations are listed out in text format. No visual representation.



There's a communities tag a person belongs to

Communities: [Health Sciences](#) [Life Sciences](#)

I found it interesting. I couldn't click on it.

## European Research Portal

### Research Cooperative

Social Networking brought to science.

User needs fulfilled

1. You can add research groups and follow posts like new papers published in that research area.

#### Messages



#### Thorium, nuclear energy, and rare earth mining

Research Co-op member Takashi Kamei has published a short important article in today's English-language Asahi Shimbun, publishes with the International Herald Tribune in Japan: "Tho.

Tagged: [mining](#), [electric](#), [Japan](#), [thorium](#), [energy](#)

messages tagged by word. When you click on a tag, it displays all the messages tagged with that tag.

2. A researcher can add his blogs, photos, videos and others in his circle can comment on them.
3. Powered by ning and basically incorporates all features of ning.



## JSpace

Pelorus 1.0 is a *faceted navigation tool* using Semantic and Web technologies.



Select a baseball player by either his position on the field or the team he belongs to.

Once a player is selected, there are three modes you can view information about him.



Details gives his baseball profile, career statistics, positions he has held.

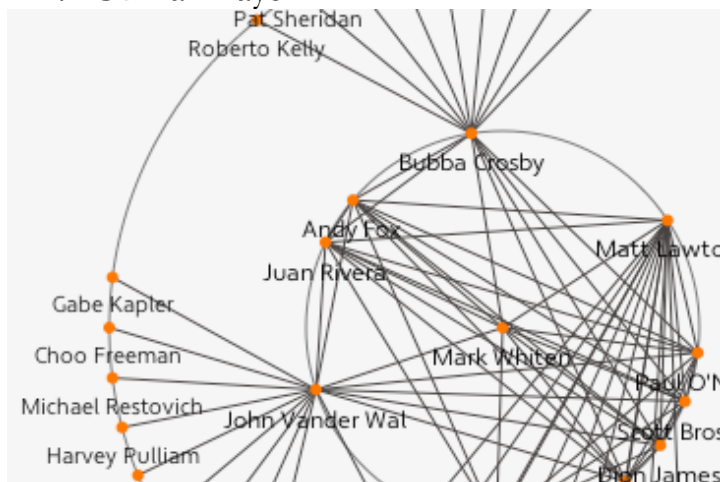
Web view links to his Wikipedia page.

Visualization is the one shown below.

### User needs:

Once the player is selected, he could see other players

1. In the same position
2. Same Team
3. Same Team and position
4. Similar Player



## ResearchMatch.org

User needs

- 1) People who are trying to find research studies
- 2) Researchers who are looking for people to participate in their studies.

Cool statistics

### Total count

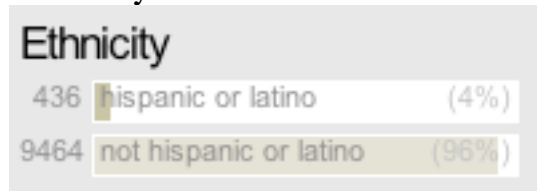


grouped by

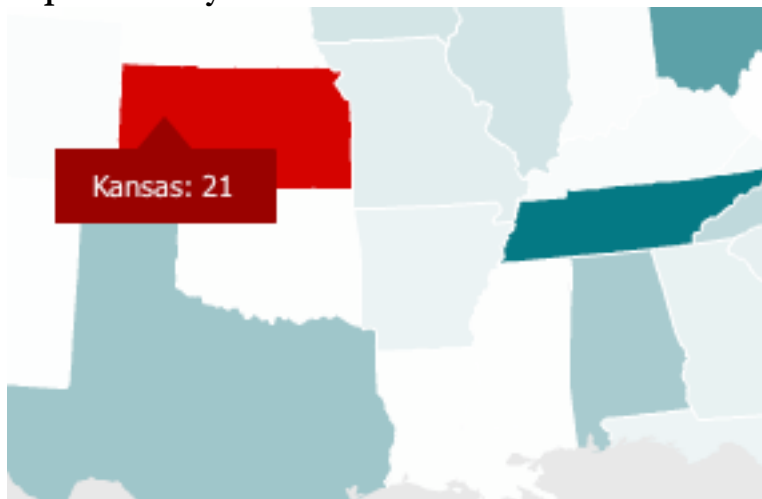
Race



Ethnicity



Population by state



The above statistics are no way related to the site's goal. They just happen to be random statistics displayed using multiple categories. I thought the grouping by states was cool.

**We could implement that in VIVO with something like  
Total no.of researchers in a discipline.  
Grouped by subdisciplines. &  
Grouped by state.**

**Basically any quantity that can be drilled down and that can be represented over the entire US map can exploit this feature.**

### **HiveMind**

Nothing interesting going on here. They mine twitter data and provide analytics.

### **Bibapp**

**(Find experts on campus. Promote their research. Archive their work)  
I had to take these screenshots from a video (sorry about the blurriness)**



There is a search bar at the right top where you can search topics, people, publications, etc..



### **Groups**

1. College of Engineering (187)
2. Engineering Physics (187)
3. Nuclear Engineering and Engineering Physics (187)
4. Pegasus Plasma Experiment (107)


# 211 Results for: tokamak

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## Our Experts



54  
Forck



53  
Callen



30  
Emmert

Mainpage containing Citations, Groups, People, Publications and Publishers tabs.

Results listed in a paginated bar, with sortability and maximum number per page.

**Citations (211)**      Sort by:  Show:

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Table of current operating parameters of Tokamak reactors

The search results are further refined by Formats, Groups, People, Publications, years.

**Technology: Apache solr facilitates faceted search.**

**Refine Results**

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**Formats**

- Journal article (102)
- Conference proceeding (20)
- Report (1)

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**Groups**

- College of Engineering (123)
- Engineering Physics (123)
- Nuclear Engineering and Engineering (123)
- Pegasus Plasma Experiment (123)
- Center for Plasma-Aided Manufactur

More Groups

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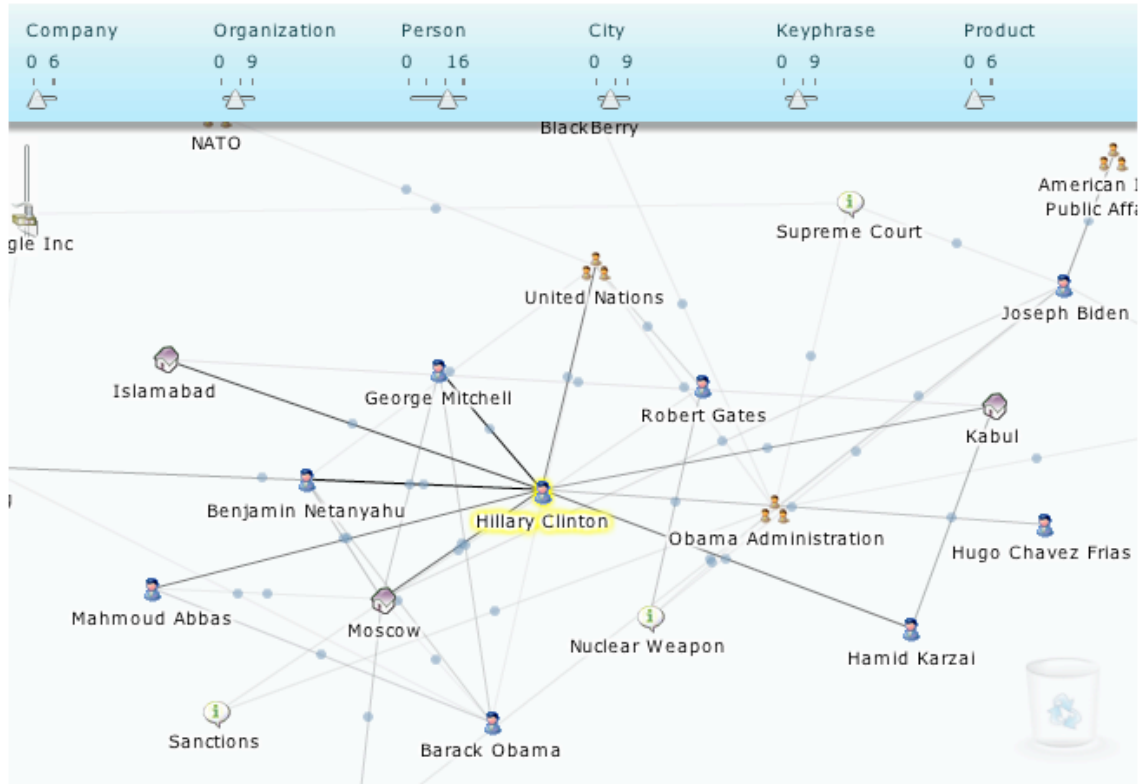
**People**

- Raymond J. Forck (123)
- Nash Hershkovitz (0)

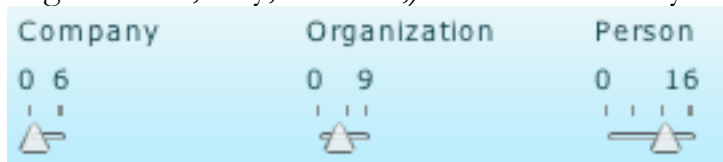
## Veomed

### Silobreaker

Easy way to find documents related to “Hillary Clinton” (person in the context).



you can include more instances of various parameters(Company, Person, Organization, City, Product,) in the network by dragging the slider



When you hover on an edge, it displays documents related to the edgenodes in the context of center node.



## How is it relevant to VIVO?

The person in the context could be a researcher. And the various parameters could be Publications, Journals , Grants, Other Researchers, etc..

He could finetune the number of these instances to be displayed. Also, when he hovers over an edge, it could display the publications in the context.

## Harvard Catalyst

Find people or find concepts.

**Search**

Find People Find Concepts

Keywords   Search for exact phrase

Last Name

First Name

Institution   All except the one selected

Department   All except the one selected

Faculty Type

More Options

Search Clear

When searched, it displays the search results in the following fashion.

**Search Results (638)** [New Search](#)

Click the **Why** column to see why a person matched the search.

Sort By  Query Relevance Show  (choose columns)

Name	Institution	Why?
Carl-Fredrik Westin, PH.D.	Brigham and Women's Hospital	<a href="#">Why?</a>
Simon Keith Warfield, PH.D.	Children's Hospital Boston	<a href="#">Why?</a>
Martha Elizabeth Shenton, PH.D.	Brigham and Women's Hospital	<a href="#">Why?</a>

And a sortby function:

Sort By

- Query Relevance
- Name (A-Z)
- Name (Z-A)
- Institution (A-Z)
- Institution (Z-A)
- Department (A-Z)
- Department (Z-A)
- Faculty Rank (low-high)
- Faculty Rank (high-low)

The columns can be dynamically resized, user can choose what he wants to display

(choose columns) ▾

- Institution
- Department
- Faculty Rank

When a search result is clicked

Carl-Fredrik Westin, PH	Brigham and Women's	Radiology	Associate Professor	<a href="#">Why?</a>
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the publications are displayed with the researcher's profile

### Publications

[List All](#) | [Timeline](#)

1. Rathi Y, Malcolm JG, Michailovich O, fiber model estimation and tractograp  
[View in: PubMed](#)
2. Whitford TJ, Kubicki M, Schneiderma PG, Niznikiewicz M, McCarley RW, W association with psychotic symptoms 68(1):70-7.

**Carl-Fredrik Westin, PH**

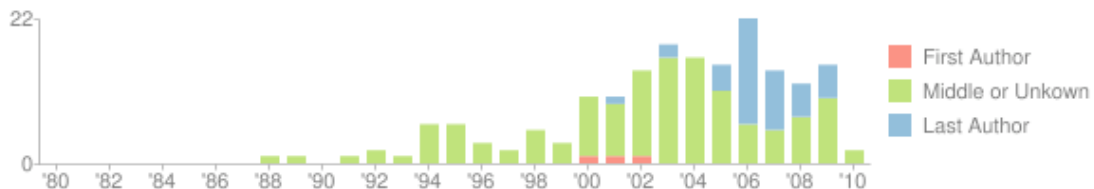
Title	Associate Professor
Institution	Brigham and Women's
Department	Radiology
Address	Brigham and Women's

There is a timeline view for publications as well.

### Publications

[List All](#) | [Timeline](#)

This graph shows the total number of publications by year, by first, middle/unknown, or last author.



The coauthors, similar people, people from same department, physical neighbors, and concepts in authors publications are displayed to the right.

<b>Concepts</b> ? Diffusion Magnetic Resonance Imaging	<b>Co-Authors</b> ? Jolesz, Ferenc
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There is question at the end which when clicked describes what the section is about.

**Similar People** ?  
People who share similar concepts with this person.

