

Collaboration Institutionally & Beyond: Status, Partners, and Next Steps

Bill Barnett, Eric Meeks, Amy Brand, Griffin Weber,
Dave Eichmann, Holly Falk-Krzesinski

2014 VIVO Conference

August 7, 2014

Overview: Collaboration Institutionally and Beyond: Status, Partners, and Next Steps

Bill Barnett

Pervasive Technology Institute, Indiana University
Indiana Clinical and Translational Sciences Institute

2014 VIVO Conference

August 7, 2014

We had a dream... of Research Networking

- ▶ *Translational research requires new, non-traditional collaborations and science teams*
- ▶ *Social networking has changed online behaviors*
- ▶ ***Therefore, we believed that investigators would adopt social networking to create these new collaborations***

The CTSA Program and NIH

- ▶ *Funded VIVO – for researcher networking*
- ▶ *Funded Eagle-i – for resource networking*
- ▶ *Funded ISF – an integrative ontology*
- ▶ *CTSA Strategic Goal Committee 3's proposal to promote research networking and open data across CTSAs was adopted*

The Community Responded

- ▶ CTSAs *created systems, some open source*
- ▶ *Publishers/Industry created products*
- ▶ *Both started solving problems such as disambiguation, content ingest, profile display*
- ▶ *We started national social networking pilots*

But..

- ▶ *Getting faculty buy-in to maintain their data and use research networking systems is difficult*
- ▶ *Getting institutions to invest in research networking systems is difficult*
- ▶ *We never really tested the belief that researchers would adopt social networking, or considered other use cases*

So we are exploring new approaches

- ▶ *That research networking may be relationship rather than opportunity driven*
- ▶ *Offices of research administration may be most frequent users of research networking. Other driving use cases?*
- ▶ *Research networking applications that integrate with institutional faculty systems*

CTSA Research Networking is continuing

- ▶ *The RNAG became the Research Networking Collaborative -<http://research-networking.org> as part of the CTSA Partnerships and Collaboration group*
- ▶ *A FutureResearchNet pilot to assess belief in national research networking in development*
- ▶ *4 PI-driven projects for research networking proposed to the CTSA Steering Committee*

And..

- ▶ Some institutions have been studying faculty adoption and use (Meeks)
- ▶ National researcher discovery tools, on the VIVO Roadmap, can test our belief in national research networking (Weber, Eichmann)
- ▶ Industry partners are exploring open data strategies and new use cases (Brand, Falk-Krzensinski)

Clinical and Translational Science Institute / CTSI

at the University of California, San Francisco



Meeting your Researcher Needs with an RNS Eric Meeks, CTSI at UCSF

VIVO Conference, August, 2014



Clinical and Translational Science Institute / CTSI
Accelerating Research to Improve Health

UCSF



Meeting your Researcher Needs with an RNS in Two Not-So-Simple Steps

1. Find out what they want and build it.
 - Even if they don't know what they want, they think they do. Satisfy their whim and they will like you.
 - We've built extensions into our RNS based on direct research input (mentoring, list tool)
2. “Objectify” your researchers.
 - This is less obvious than step 1, but has more impact.
 - Think of your researchers as products, not (just) users.





Researcher “Go to Market” Business Plan

Market -> Find -> Like -> Consume

1. You want people to seek out information about your researchers.
 2. Then you want them to find that information.
 3. Next they need to understand and (hopefully) like that information.
 4. Finally, they need to do something useful with that information.
- The 4th item it what we all want, but order matters so you need these other 3 things to happen *as best you can*.





Step 1: Market

- Do what you can at your local institution
 - Send out emails.
 - Have more important people than you send out emails.
 - Talk to departments.
 - Share data, give away iPads, etc.
- Understand and accept the fact that you are not the best marketer for the researcher. They are, and that is good.



Step 2: Be Found

- Invest heavily in Search Engine Optimization
- Invest more heavily in SEO
- Talk to Anirvan Chatterjee on how and why to do SEO



» *<http://profiles.ucsf.edu/anirvan.chatterjee>*





Step 3: Be Liked and Understood

- Make your profile pages pretty
- Make your pages understandable at a glance
- Give your researchers many ways to express themselves
- “Consumerization of Technology”
 - Your web users may end up being smart and inquisitive, but they start off being lazy and “unwilling to think”. Thank Google and Amazon for this.





Step 4: Be Consumed

- *Helped me prepare lectures and work with students*
- *I found a potential book contributor*
- *It helps me find info about faculty*
- *Identify potential mentors*
- *Looking for research opportunities*
- *Great resource for finding potential research collaborators and for PhD dissertation committees*
- *Helped prepare research critique*
- *Helped find new nursing research problems*
- *Found info about doctors*





Meeting your Researchers Needs

- Researcher Information is a Product that:
 1. Wants to be wanted
 2. Wants to be found
 3. Wants to be liked
 4. Wants to interact with someone





Collaboration Institutionally and Beyond: A Digital Science Perspective

Amy Brand, VP North America, VP Academic and Research Relations

August 7, 2014, VIVO Conference

We **invest** in and incubate exciting start-ups in the research information and research administration space.

Our products help to **simplify** workflows and change the way science is done.

We believe **passionately** that tomorrow's research will be different - and better - than today's.



Data sharing



Open Data



Data publication

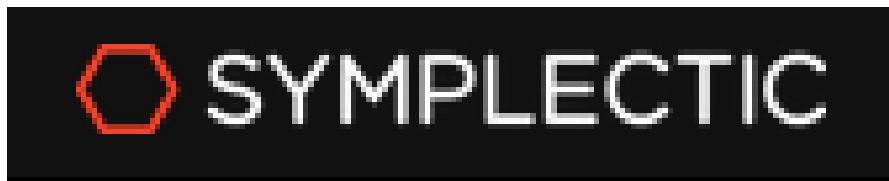
Our innovative software
addresses current
research trends



Research
evaluation



Data intensive
research



Work smart. Discover more.

Elements Integrations

Our powerful API allows the rich data captured in our products to be re-used in other systems.

[Arrange a demo](#)

Feed data to external profiles

Feed the rich, captured data to external profiling systems to raise the visibility of the activities going on at an institution.



Institutional CMS

Connect Elements to an institutional content management system to automatically update profiles.



VIVO Network

Setup an automated feed to VIVO and create a powerful collaboration network.



Profiles RNS*

[+ Disclaimer*](#)

Connect to an institutional repository

Elements integrates with all major open repository technologies using custom connectors that were developed in-house.

Symplectic and DuraSpace Partner to Provide Institutional Support Services for VIVO

Wed, 2014-07-30 16:39 -- carol

Symplectic Helps Manage Public Facing Research Networks and Profiles that Enable Collaboration and Discovery

Winchester, MA [Symplectic Limited](#), a software company specializing in developing, implementing, and integrating research information systems, has become the first DuraSpace Registered Service Provider (RSP) for the [VIVO Project](#). [DuraSpace](#) is a not-for-profit organization providing open technologies and services that promote durable access to digital data. Symplectic is a long-time supporter of the VIVO project, both as a founding sponsor and through continued support of the [VIVO Conference](#) since it first began in 2010. Partnering with DuraSpace means Symplectic can provide VIVO services like installation, support, hosting and integration for institutions looking to join the VIVO network.

"As our first official Registered Service Provider for VIVO, Symplectic will help ensure that any institution, large or small, can fully participate in making research and institutional resources available for search, discovery, and analysis," explained Jonathan Markow, CSO of DuraSpace. "We heartily welcome them to the RSP Program!"

VIVO, an open source, semantic web application and growing global community, is aimed at integrating and sharing information about researchers and institutions to support collaboration and discovery. As an incubated DuraSpace project, VIVO institutions and DuraSpace members now have a greater opportunity to develop related technologies and services across broad academic and scientific communities.

DURASPACE ARTICLES

[Recent Articles](#)

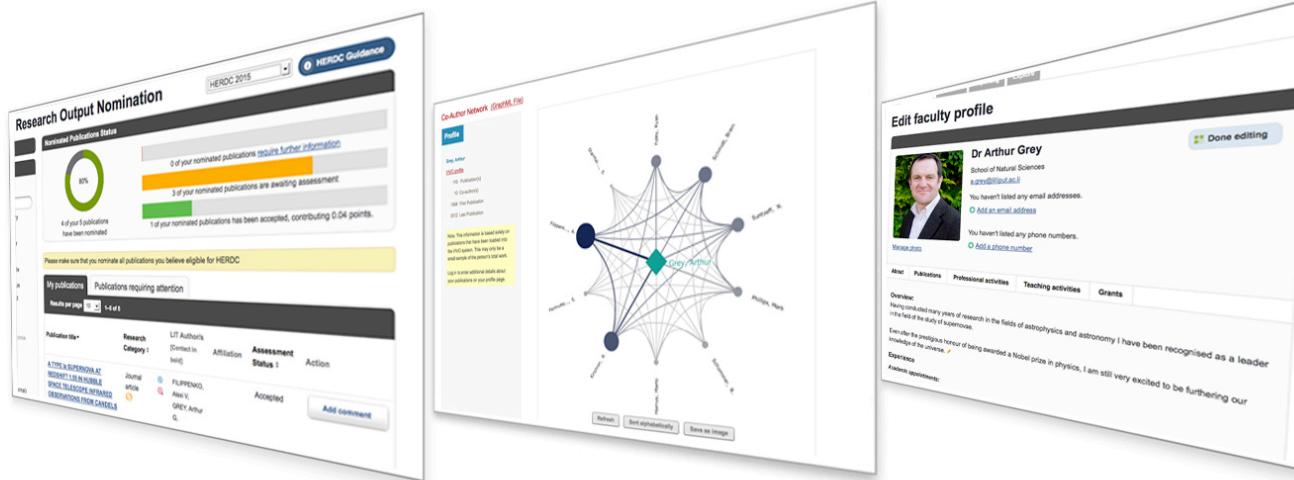
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[Open access](#) (879)
[News](#) (850)
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Gather the insight you need for **effective** internal and external assessments



Streamline the collection and verification of publication data

profiles (e.g. VIVO, Profiles RNS)

and downstream services for a truly holistic overview

Automatically populate research **Integrates** with your upstream

Supported by



Work smart. Discover more.



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Faculty Finder - **BETA**

Harvard Faculty Finder (HFF) provides, for the first time, a University-wide view of Harvard faculty and scholarship in order to help students, faculty, and others identify Harvard faculty according to their research and teaching expertise. To submit comments or questions, please email facultyfinder@harvard.edu.

COMMENT

Writing

Study conception

Credit where credit is due

Liz Allen, Amy Brand, Jo Scott, Micah Altman and Marjorie Hlava are trialling digital taxonomies to help researchers to identify their contributions to collaborative projects.

Research today is rarely a one-person job. Original research papers with a single author are — particularly in the life sciences — a vanishing breed. Partly, the inflation of author numbers on papers has

Through the endorsement of individuals' contributions, researchers can start to move beyond 'authorship' as the dominant measure of esteem. For funding agencies, better information about the contributions of grant applicants would aid the decision-making process and also enable

journal articles could be classified using a 14-role taxonomy (see 'Who did what?'). The survey was sent to 1,200 corresponding authors of work published in PLOS journals, Nature Publishing Group journals, Elsevier journals, Science and eLife. Corresponding authors were asked to indicate the contribu-



Research Networking at the School, University, & Global Scales

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Head of the Knowledge Discovery & Management Group

Assistant Professor of Medicine

Center for Biomedical Informatics

Harvard Medical School

Beth Israel Deaconess Medical Center

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Nick Benik, Amy Brand, Nick Brown, Niraj Desai, Paul Gomez, Ken Huling, Shashank Jain,
Melissa Kenny, Kevin Laitinen, Kellie Lucy, Krishna Nellutla, James Norman, Rob Piscitello,
George Rakauskas, Jeff Rosen, Michele Sinunu, Franco Valentino, Marlon Violette, Steve Wimberg,
and the CTSA Research Networking Group

Profiles

Research Networking Software

<http://profiles.catalyst.harvard.edu>



Profile (John Halamka)

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Collaborator

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Advisor (Past)

Advisee (Current)

Advisee (Past)

My Network

John, Halamka X

Isaac, Kohane X

Kenneth, Mandl X

Shawn, Murphy X

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History

John Halamka

George Church

Mark Zeidel

Ary Goldberger

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John David Halamka, M.D.

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Administrative Title Chief Information Officer
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Institution Beth Israel Deaconess Medical Center
Address Information Systems, 6th Fl
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Narrative

John D. Halamka, MD, MS, is Chief Information Officer of the CareGroup Health System, Chief Information Officer and Dean for Technology at Harvard Medical School, Chairman of the New England Health Electronic Data Interchange Network (NEHEN), CEO of MA-SHARE (the Regional Health Information Organization), Chair of the US Healthcare Information Technology Standards Panel (HITSP), and a practicing Emergency Physician.

Publications

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

- Levine M, Adida B, Mandl K, Kohane I, Halamka J. What are the benefits and risks of fitting patients with radiofrequency identification devices. *PLoS Med.* 2007 Nov 27; 4(11):e322.
- Halamka JD, Mandl KD, Tang PC. Early experiences with personal health records. *J Am Med Inform Assoc.* 2008 Jan-Feb; 15(1):1-7.
- Halamka J, Fournier GA. MA-SHARE MedsInfo-ED medication history pilot. *Am J Med Qual.* 2006 Sep-Oct; 21(5):296-8.
- Halamka J, Juels A, Stubblefield A, Westhues J. The security implications of VeriChip cloning. *J Am Med Inform Assoc.* 2006 Nov-Dec; 13(6):601-7.
- Halamka JD. Patients should have to opt out of national electronic care records: AGAINST. *BMJ.* 2006 Jul 1; 333(7557):41-2.
- Halamka J. On the road to RHIOs. *Health Manag Technol.* 2006 Jun; 27(6):8, 10.
- Halamka JD. Health information technology: shall we wait for the evidence? *Ann Intern Med.* 2006 May 16; 144(10):775-6.
- Halamka J, Aranow M, Ascenzo C, Bates DW, Berry K, Debor G, Fefferman J, Glaser J, Heinold J, Stanley J, Stone DL, Sullivan TE, Tripathi M, Wilkinson B. E-Prescribing collaboration in Massachusetts: early experiences from regional prescribing projects. *J Am Med Inform Assoc.* 2006 May-Jun; 13(3):239-44.
- DeBor G, Diamond C, Grodecki D, Halamka J, Overhage JM, Shirky C. A tale of three cities--where RHIOs meet the NHIN. *J Healthc Inf Manag.* 2006; 20(3):63-70.
- Halamka J. Early experiences with E-prescribing. *J Healthc Inf Manag.* 2006; 20(2):12-4.

Concepts [?](#)

Medical Records Systems, Computerized
Medical Record Linkage
Patient Identification Systems
Computer Security
Regional Medical Programs
[See all \(129\) concepts](#)

Co-Authors [?](#)

Kohane, Isaac
Mandl, Kenneth
Rind, David
Safran, Charles
Stair, Thomas
[See all \(13\) people](#)

Similar People [?](#)

Middleton, Blackford
Safran, Charles
Kohane, Isaac
Mandl, Kenneth
Bergeron, Bryan
[See all \(60\) people](#)

Same Department [?](#)

Burstein, Jonathan
Corrigan, Kelly
Edlow, Jonathan
McGillicuddy, Daniel
Salhanick, Steven
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Physical Neighbors [?](#)

Aretz, H.
Jeon, Andrew
Spellman, Mitchell



Network (John's Co-Authors)

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John David Halamka, M.D.

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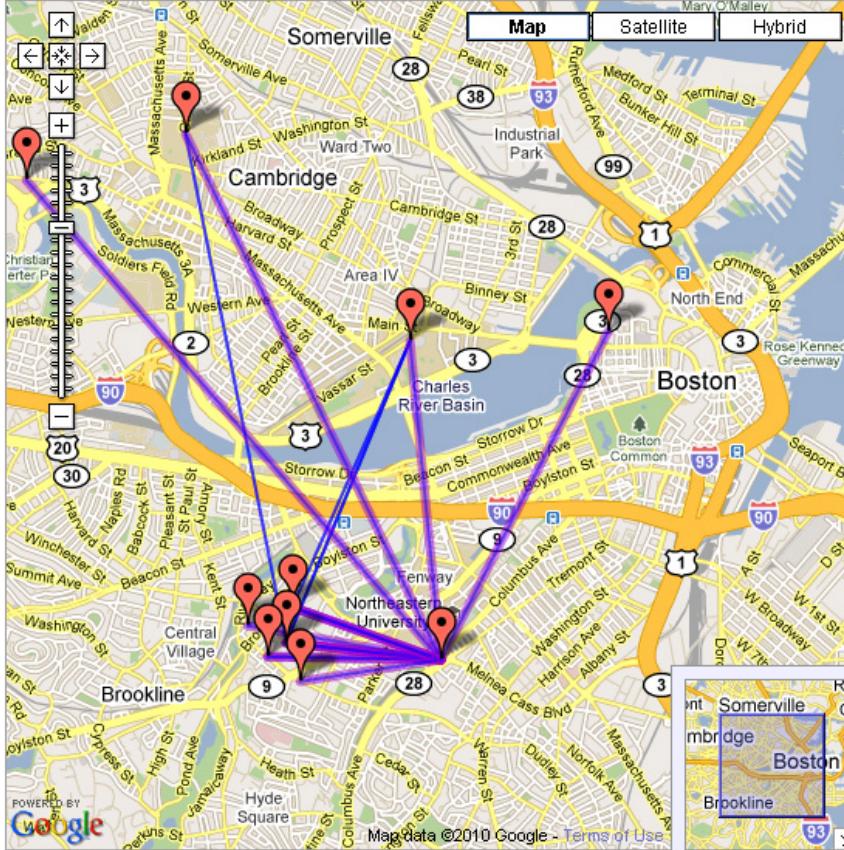
Co-Authors (13)

Co-authors are people in Profiles who have published together.

[List View](#) [Map View](#) [Network View](#) [Timeline](#) [Details](#)

Red markers indicate the co-authors of John David Halamka, M.D.
Blue lines connect all people who have published papers together.

Map **Satellite** **Hybrid**



Concepts

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[List View](#) [Map View](#) [Network View](#) [Timeline](#) [Details](#)

This radial graph shows the co-authors (inner ring) and top co-authors of co-authors (outer ring) of John Halamka. The size of the red circle around an author's name is proportional to the number of publications that he or she has. The thickness of a line connecting two authors' names is proportional to the number of publications that they share. Options for customizing this network view are listed below the graph.

John Halamka (35 publications)

Customization Options:

- Minimum number of publications:
- Minimum number of co-publications:
- Year of most recent co-publication:

Concepts

- Medical Records Systems, Computerized
- Medical Record Linkage
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[See all \(129\) concepts](#)

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- Jeon, Andrew
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Internet



Network (John's Co-Authors)

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[List View](#) [Map View](#) **Network View** [Timeline](#) [Details](#)

This cluster graph shows the co-authors (green circles) and top co-authors of co-authors (blue circles) of **John Halamka** (red circle). The size of a circle is proportional to the number of publications that author has. The thickness of a line connecting two authors' names is proportional to the number of publications that they share. Options for customizing this network view are listed below the graph.

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Internet

Harvard Faculty Finder

<http://facultyfinder.harvard.edu>

Harvard Faculty Finder

| School | People |
|-----------------|--------|
| Arts & Sciences | 1,053 |
| Business | 253 |
| Dental | 323 |
| Design | 116 |
| Divinity | 71 |
| Education | 135 |
| Engineering | 105 |
| Government | 175 |
| Law | 190 |
| Medical | 11,681 |
| Public Health | 391 |
| University | 23 |

| Type | Items |
|-------------------|-----------|
| People | 14,516 |
| WoS Publications | 419,979 |
| WoS Keywords | 581,794 |
| WoS KeywordPlus | 2,068,468 |
| WoS Subject Areas | 839,697 |
| DSpace Articles | 9,454 |
| Books | 2,793 |
| Book Keywords | 4,645 |
| Patents | 1,265 |
| Courses | 5,266 |
| Projects | 996 |
| Project Regions | 4,065 |

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KEYWORDS OR NAME
 FIND FACULTY

SORT RESULTS BY
Select: **Relevance**

NARROW RESULTS BY SCHOOL
Select: **All schools**

NARROW RESULTS BY MATCH TYPE
 [Names](#) [Courses](#) [Organizations](#) [Projects](#) [Publications](#) [Websites](#)

[Kirby, William](#)

T.M. Chang Professor of China Studies and Spangler Family Professor of Business Administration
Arts & Sciences - History
Website: <http://history.fas.harvard.edu/people/faculty/kirby.php>

[Kleinman, Arthur](#)

Esther and Sidney Rabb Professor of Anthropology in the Faculty of Arts and Sciences and Professor of Medical Anthropology in the Faculty of Medicine
Arts & Sciences - Anthropology
Website: <http://connects.catalyst.harvard.edu/profiles/profile/person/83438>

[Whyte, Martin](#)

Professor of Sociology
Arts & Sciences - Sociology
Website: <http://www.wjh.harvard.edu/soc/faculty/whyte/index.html>

Trusted sites | Protected Mode: Off

Global Expertise Search

<http://direct2experts.org>

Direct2Experts

<http://direct2experts.org>

- CTSA Research Networking Group
- Launched pilot in Feb 2011
- Focus on inclusion, reducing barriers to participation
- 8 Research Networking Products:
Harvard Profiles, VIVO, Elsevier SciVal Experts, Iowa Loki, Stanford CAP, Northwestern LatticeGrid, Indiana CTSI HUB, Pittsburgh Digital Vita
- 70+ Institutions (50,000+ Researchers)
- Direct2Experts. JAMIA. 2011 Dec;18 Suppl 1:i157-60. doi: 10.1136/amiajnl-2011-000200.

Direct2Experts

<http://direct2experts.org>

DIRECT →
Distributed Interoperable Research Experts Collaboration Tool

A Federated Network of Biomedical Research Expertise
DIRECT-ly Supported by Researchers' Institutions

Home | About DIRECT | Phase 1 - Aggregate Search | Phase 2 - Integrated Search | Participants | Join the Network

Phase 1 - Aggregate Search

Enter a search phrase, such as "informatics" in the form below to search for experts.

Find Experts:

Below are the number of matching people at participating institutions. Click an institution name to view the list of people. As you move your mouse over the different institution names, you will see important notes about that institution's data and a site preview on the right.

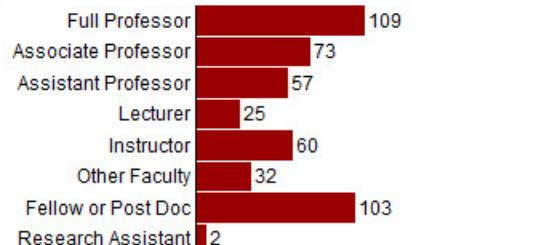
| Institution | Matches |
|--|---------|
| Albert Einstein College of Medicine | 4 |
| Cornell University | 15 |
| Harvard University | 461 |
| Health Sciences South Carolina | 27 |
| Indiana CTSI | 8 |
| John Hopkins University | 60 |
| Medical Collage of Georgia | 5 |
| MEHARRY Medical Collage | 1 |
| Memorial Sloan-Kettering Cancer Center | 7 |
| Michigan Alliance for Clinical and Translational Science | 7 |
| Northwestern University Feinberg School of Medicine | 45 |
| Oregon Health & Science University | 27 |
| Ponce School of Medicine | 0 |
| Stanford University School of Medicine | 108 |

Data Comments

Harvard Catalyst Profiles contains 22,000 faculty (residents, fellows, post-docs, instructors, assistant professors, associate professors, and full professors) from Harvard Medical School, Harvard School of Dental Medicine, and Harvard School of Public Health. Data is updated nightly.

Site Preview

461 people were found



| Rank | Count |
|---------------------|-------|
| Full Professor | 109 |
| Associate Professor | 73 |
| Assistant Professor | 57 |
| Lecturer | 25 |
| Instructor | 60 |
| Other Faculty | 32 |
| Fellow or Post Doc | 103 |
| Research Assistant | 2 |

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Contact, publication, and social network information about Harvard faculty and fellows.

Harvard Catalyst Profiles

Keywords

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Institution
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Search Results (461)

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

New Search

Sort By Show

| Name | Institution | Why? |
|-----------------------------------|---------------------------------------|----------------------|
| David Westfall Bates, M.D. | Brigham and Women's Hospital | Why? |
| Vladimir Brusic, PH.D. | Dana-Farber Cancer Institute | Why? |
| Michinao Hashimoto, PH.D. | Children's Hospital Boston | Why? |
| David Nelson Kennedy, PH.D. | Massachusetts Institute of Technology | Why? |
| Keith Wyatt Miller, DR.PHIL. | Massachusetts General Hospital | Why? |
| Eric G. Campbell, PH.D. | Massachusetts General Hospital | Why? |
| Christine Stephanie Vogeli, PH.D. | Massachusetts General Hospital | Why? |
| John Quackenbush | Harvard School of Public Health | Why? |
| George McDonald Church, PH.D. | Harvard Medical School | Why? |
| Marc Vidal, PH.D. | Dana-Farber Cancer Institute | Why? |
| Dannie Kheraani, M.D., C.M. | Brigham and Women's Hospital | Why? |

Search Criteria
informatics

Search Options

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VIVO Research & Expertise Across the University of Florida

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Search Results for 'informatics' limited to type 'people'

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Conlon, Mike | Associate Director and Chief Operating Officer
... of Biomedical Informatics in the UF College of Medicine, and Principal Investigator for VIVO: Enabling... and services, development of academic biomedical informatics, expansion and integration of research... email mconlon@ufl.edu keywords informatics, infrastructure, enterprise systems, identity management ...

Rathe, Richard | Assoc. Prof & Assoc. Dean
... to develop the informatics program for the College of Medicine. Prior to his arrival, he completed a two year informatics fellowship at the Harvard School of Public Health. He is board certified... to Medical Informatics, senior elective, 1996 – present. In 1998 he was appointed the Associate Dean ...

Ebel, Colleen M | Director of Systems Development and Research Information & Technologies

Riva, Alberto | Assistant Professor
... harvested from PeopleSoft-Harvester preferred title Assistant Professor work email ariva@ufl.edu keywords Artificial Intelligence, Probabilistic Reasoning, Telemedicine, Medical Informatics... Computational Biology research areas Medical Informatics research areas Knowledge Management research areas ...

Barnes, Christopher | Associate Director

Faculty & Staff

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Research Networking at the School, University, & Global Scales

Griffin Weber, MD, PhD

Head of the Knowledge Discovery & Management Group

Assistant Professor of Medicine

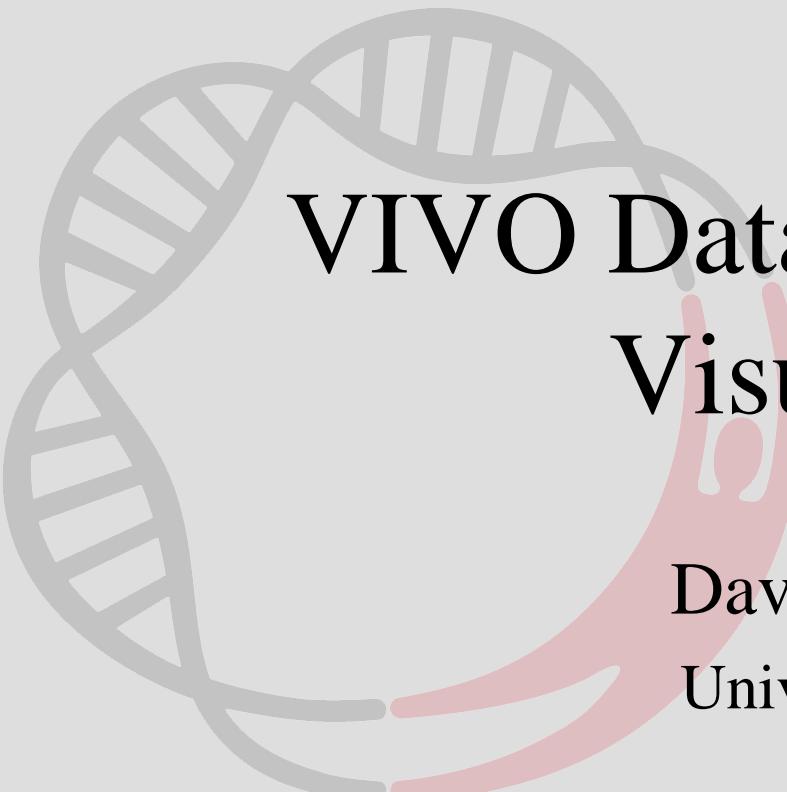
Center for Biomedical Informatics

Harvard Medical School

Beth Israel Deaconess Medical Center

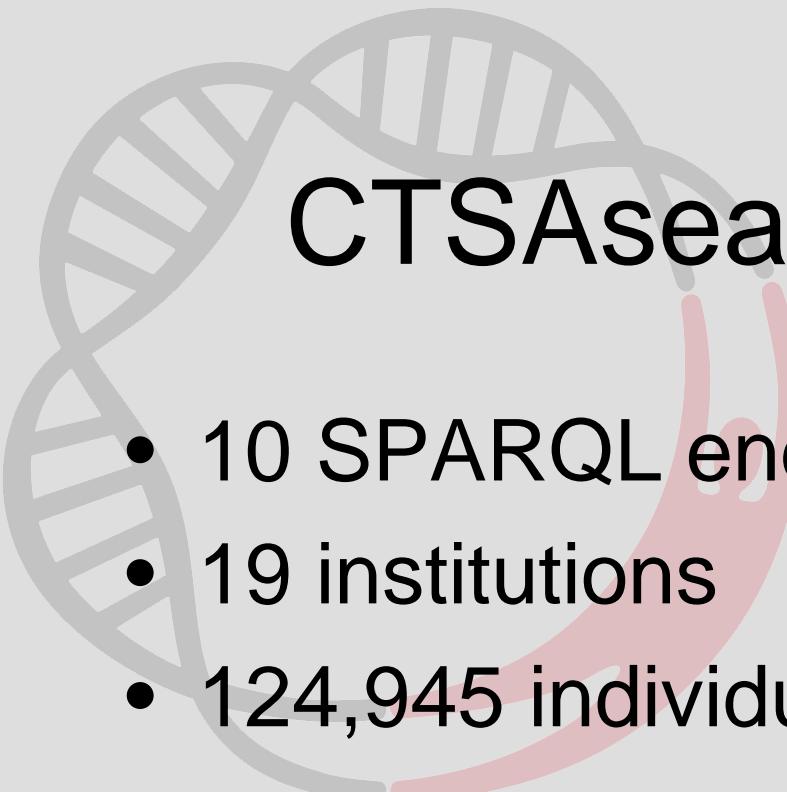
weber@hms.harvard.edu

Nick Benik, Amy Brand, Nick Brown, Niraj Desai, Paul Gomez, Ken Huling, Shashank Jain,
Melissa Kenny, Kevin Laitinen, Kellie Lucy, Krishna Nellutla, James Norman, Rob Piscitello,
George Rakauskas, Jeff Rosen, Michele Sinunu, Franco Valentino, Marlon Violette, Steve Wimberg,
and the CTSA Research Networking Group



VIVO Data Federation and Visualization

David Eichmann
University of Iowa

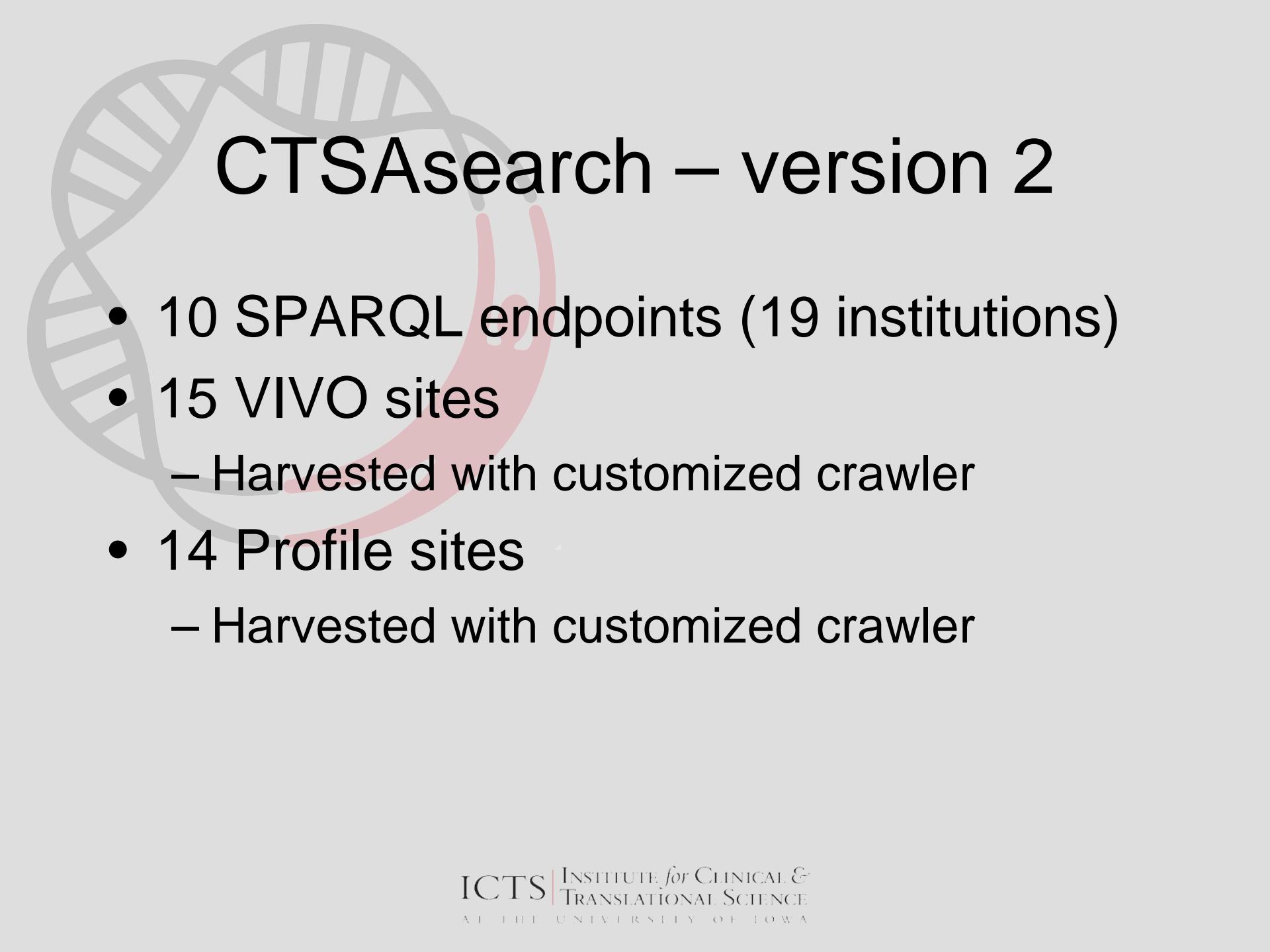


CTSAsearch – version 1

- 10 SPARQL endpoints
- 19 institutions
- 124,945 individuals
- Has proven challenging for some sites to handle the queries

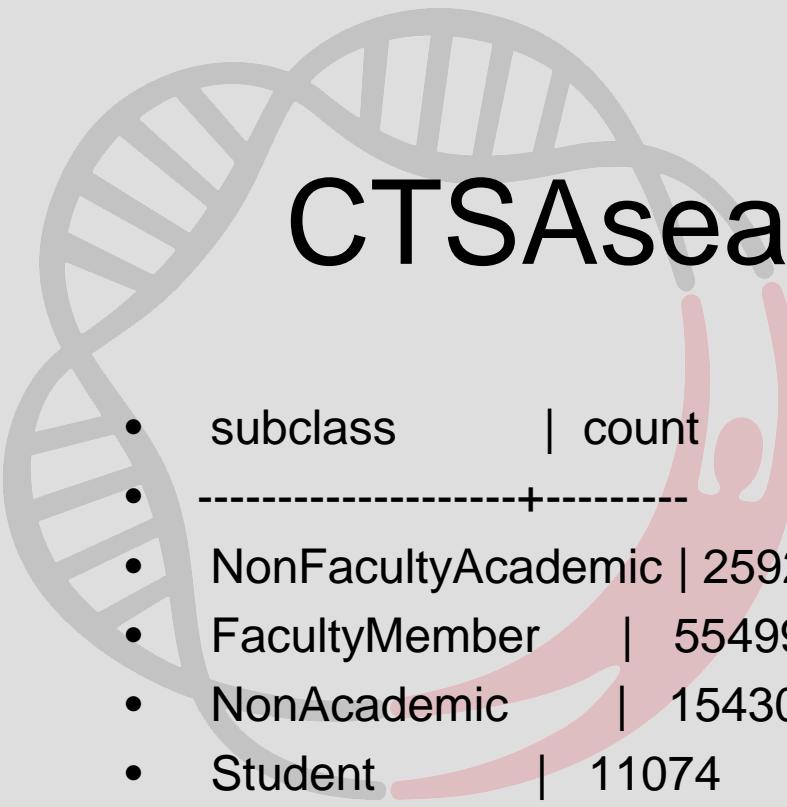
CTSAsearch – version 1

| subclass | | count |
|--------------------|--|---------|
| NonFacultyAcademic | | 2592383 |
| FacultyMember | | 26826 |
| NonAcademic | | 15268 |
| EmeritusFaculty | | 2134 |
| EmeritusProfessor | | 2070 |
| Postdoc | | 1226 |
| Librarian | | 232 |
| Student | | 89 |
| GraduateStudent | | 71 |



CTSAsearch – version 2

- 10 SPARQL endpoints (19 institutions)
- 15 VIVO sites
 - Harvested with customized crawler
- 14 Profile sites
 - Harvested with customized crawler



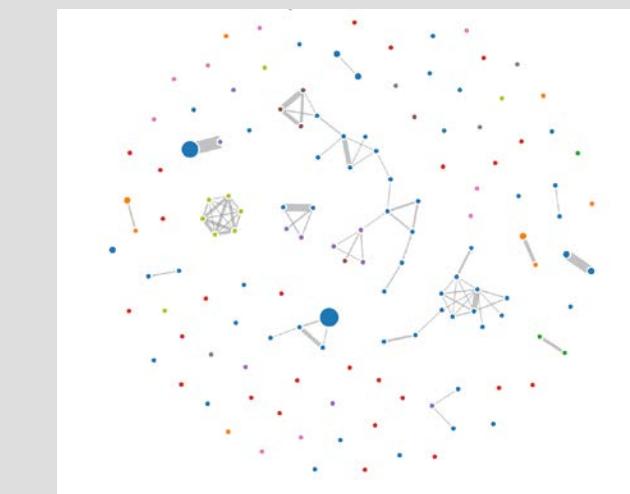
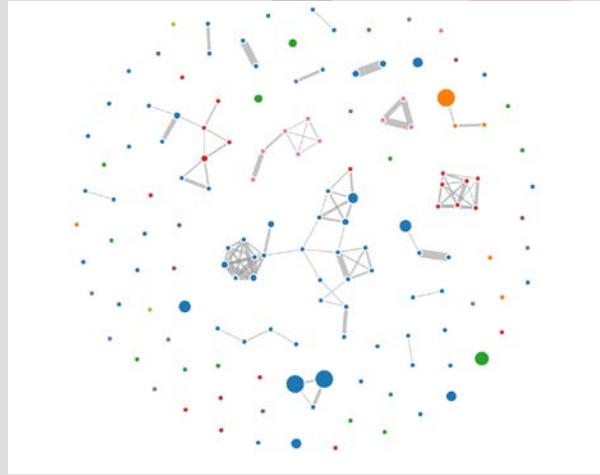
CTSAsearch – version 2

| subclass | | count |
|--------------------|--|---------|
| NonFacultyAcademic | | 2592885 |
| FacultyMember | | 55499 |
| NonAcademic | | 15430 |
| Student | | 11074 |
| GraduateStudent | | 10951 |
| EmeritusFaculty | | 3096 |
| EmeritusProfessor | | 2072 |
| Postdoc | | 1410 |
| Librarian | | 264 |



Ferrets

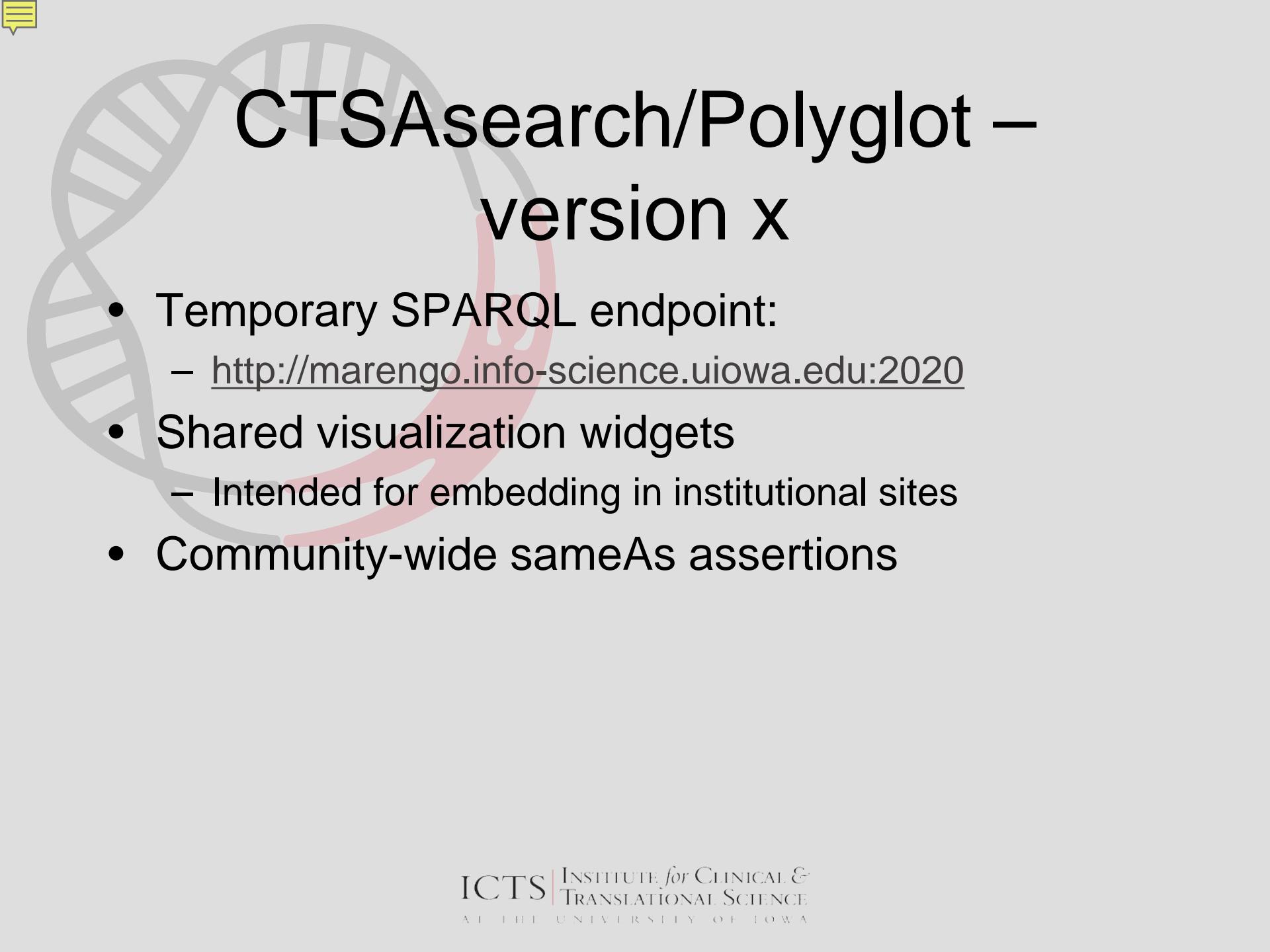
Ontology



Ferrets & Ontology

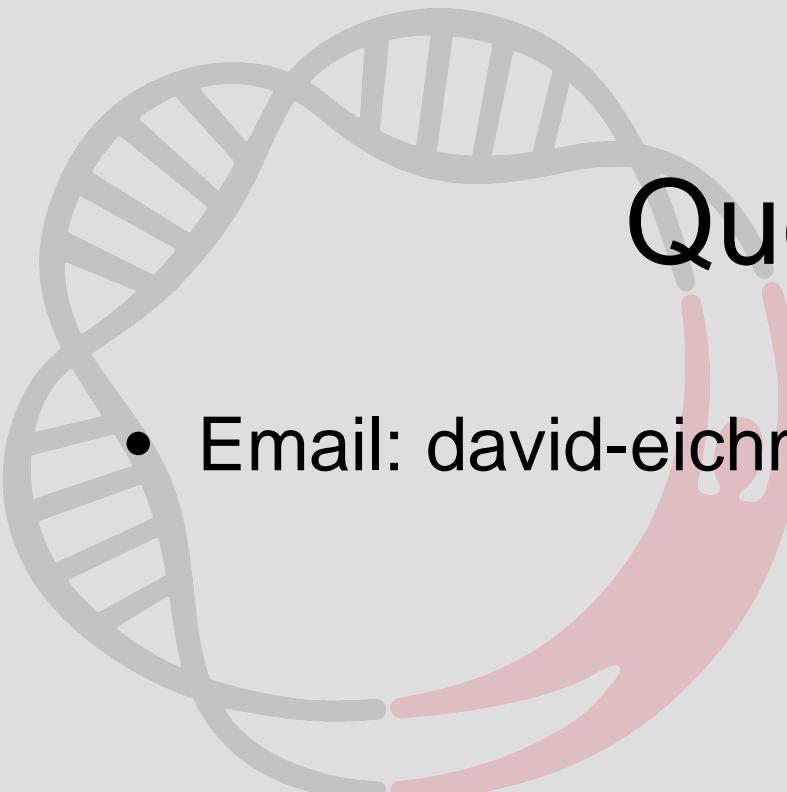
Expanded representation expands connections

- currently sites
- true payoff – concept coverage expansion



CTSAsearch/Polyglot – version x

- Temporary SPARQL endpoint:
 - <http://marengo.info-science.uiowa.edu:2020>
- Shared visualization widgets
 - Intended for embedding in institutional sites
- Community-wide sameAs assertions



Questions?

- Email: david-eichmann@uiowa.edu



Elsevier Research Intelligence

Integrated Research Networking: Elsevier Pure Experts Portal

Holly J. Falk-Krzesinski, PhD
Vice President, Global Academic & Research Relations
Elsevier

5th Annual VIVO Conference ◊ August 7, 2014

Empowering Knowledge



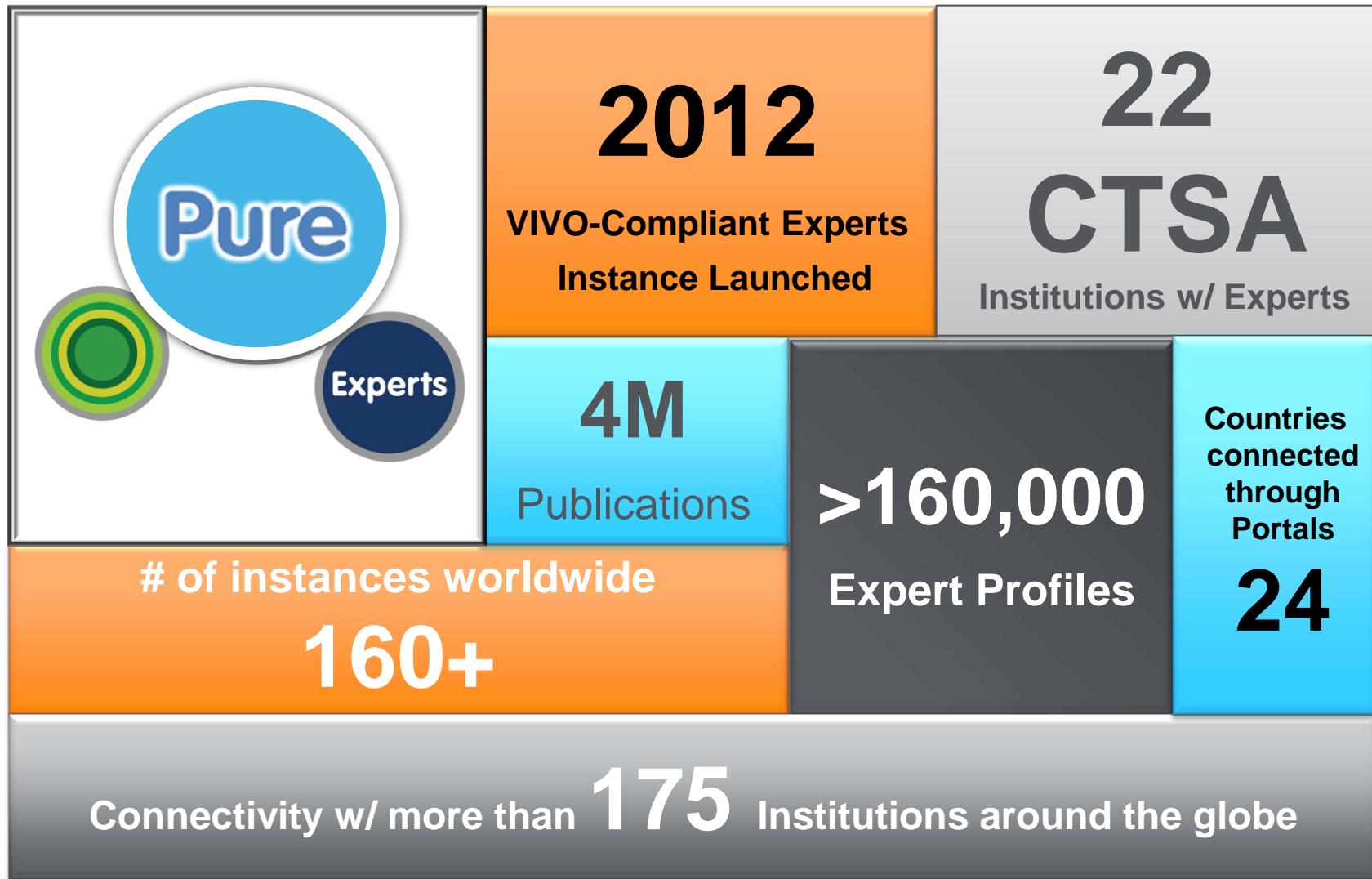
Next Generation Research Networking



The collage illustrates the features of the Elsevier Pure platform:

- Concept search:** A search interface showing results for a specific concept.
- Similar Expert search:** A search interface showing results for similar experts.
- “Copy and Paste text” search:** A search interface showing results for copied and pasted text.
- Institutional Network visualization:** A network graph showing connections between researchers at a university.
- Pure Experts Portal:** A screenshot of the Pure Experts Portal showing a researcher's profile and publications.
- Pure:** A large central graphic featuring the Pure logo and the words "Discovery", "CRIS", "Authentic Search", "Related researchers", and "Collaboration partners".
- Elsevier Fi:** A circular graphic featuring the Elsevier Fi logo and the word "Elsevier".
- Network visualization:** A complex network graph showing many nodes (researchers) and their connections, with a prominent red line highlighting a specific path or cluster.

Interdisciplinary & Global Collaboration



Federated, Cross-institutional Searching

- **Experts Portal Community**
 - 47 Implementations
 - >100 Institutions
- **DIRECT2Experts**
 - NIH pilot
 - >60 Portals
 - >120 Institutions
 - Multiple RN platforms
 - o SciVal Experts
 - o Profiles
 - o Loki
 - o CAPS
 - o VIVO
- **CTSAsearch**
 - CTSA Consortium pilot
 - 9 CTSA Institutions
 - Multiple RN platforms
 - o SciVal Experts
 - o Loki
 - o VIVO
 - o Profiles

Sharing & Connecting Research Information

Elsevier Research Intelligence

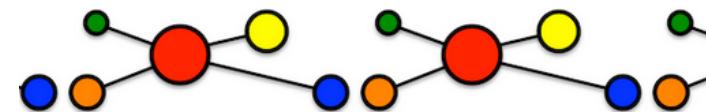


ELSEVIER



VIVO
connect • share • discover

PROFILES
Research Networking Software



The Research Networking Collaborative

crossref
Text and Data Mining

fundref

Scopus ORCID



Elsevier Research Intelligence

Thank you!



For product info, please visit: www.elsevier.com/research-intelligence

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