

VIVO

enabling national
networking of scientists

What is VIVO?

VIVO is an open source semantic web application that enables the discovery of research and scholarship across disciplines at a particular institution

Where does it provide value?

3 Levels

1

the individual





Only 5¢ PHILLIES ATHLETIC CLUB

Researchers and scholars often struggle to locate and communicate with collaborators across fields and outside defined organizational confines



**GET
CONNECTED**



Börner, Katy Faculty Member



54 publication(s)

[View all VIVO publications and more](#)



[Home page](#)

affiliation

member of

[VIVO Development Team](#) | more

positions

[School of Library and Informa](#)

publications

selected publications

- [Mapping the Backbone of Sci](#)
- [Studying the Emerging Global](#)
- [Mapping the Diffusion of Scho](#)
- [Scholarly Networks on Resilie](#)
- [Mapping, Illuminating, and In](#)
- [Designing Highly Flexible and](#)
- [Making Sense of Mankind's Sc](#)
- [Mapping \(Network\) Science A](#)
- [Network Science Chapter](#)
- [Visualization Summit 2007: Te](#)
- [Taxonomy Visualization in Su](#)
- [Analyzing and Visualizing the](#)
- [Calling on a Million Minds for](#)
- [113 Years of Physical Review:](#)
- [Mapping the Domain of "Intell](#)
- [Data on Federal Research and](#)
- [Science Foundation Federal F](#)
- [ID2 - A Scalable and Flexible](#)
- [Open Data and Open Code for](#)
- [Visual Conceptualizations and](#)
- [Reti.Network.Red: Analyzing](#)
- [Mapping the Structure and Ev](#)
- [The Scholarly Database and I](#)
- [Teaching Children the Structu](#)



VIVO FACULTY SEARCH DEMO

Using Apache Solr for federated search

HOME ABOUT

SEARCH

FILTER BY INSTITUTION

Enter your keywords:

infection

Search results

[Wilkin, Timothy J.](#)

**Anal Dysplasia and human papillomaviru
Medicine ...**

<http://vivo.cornell.edu/individual/individual11784>

[Mosier, Donald](#)

**Dr. Donald Mosier studies the the basi
dynamics in vivo, looking at how the r
its genome. ...**

<http://vivo.scripps.edu/individual/MosierDonald>

[Salvati, Eduardo Agustin](#)

**Thromboembolism and infection in tot
pulmonary embolism. Infection is the r
the infection ...**

<http://vivo.cornell.edu/individual/individual11878>

Principal Investigator/Program Director (Last, First, Middle):

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. DO NOT EXCEED FOUR PAGES.

NAME		POSITION TITLE	
Schleyer, Titus		Associate Professor and Director, Center for Dental Informatics, University of Pittsburgh	
eRA COMMONS USER NAME			
titus1			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
The Fox School of Business, Temple University, Philadelphia, PA	MBA	1985	Health Administration
School of Dentistry and School of Medicine, University of Frankfurt am Main, Frankfurt/M, Germany	PhD	1989	Molecular Biology
School of Dentistry, University of Frankfurt am Main, Frankfurt/M, Germany	DMD	1987	Dentistry
Temple University, School of Dentistry, Philadelphia, PA	DMD	1991	Dentistry

A. Positions and Honors.







it seems like cheating



disambiguation













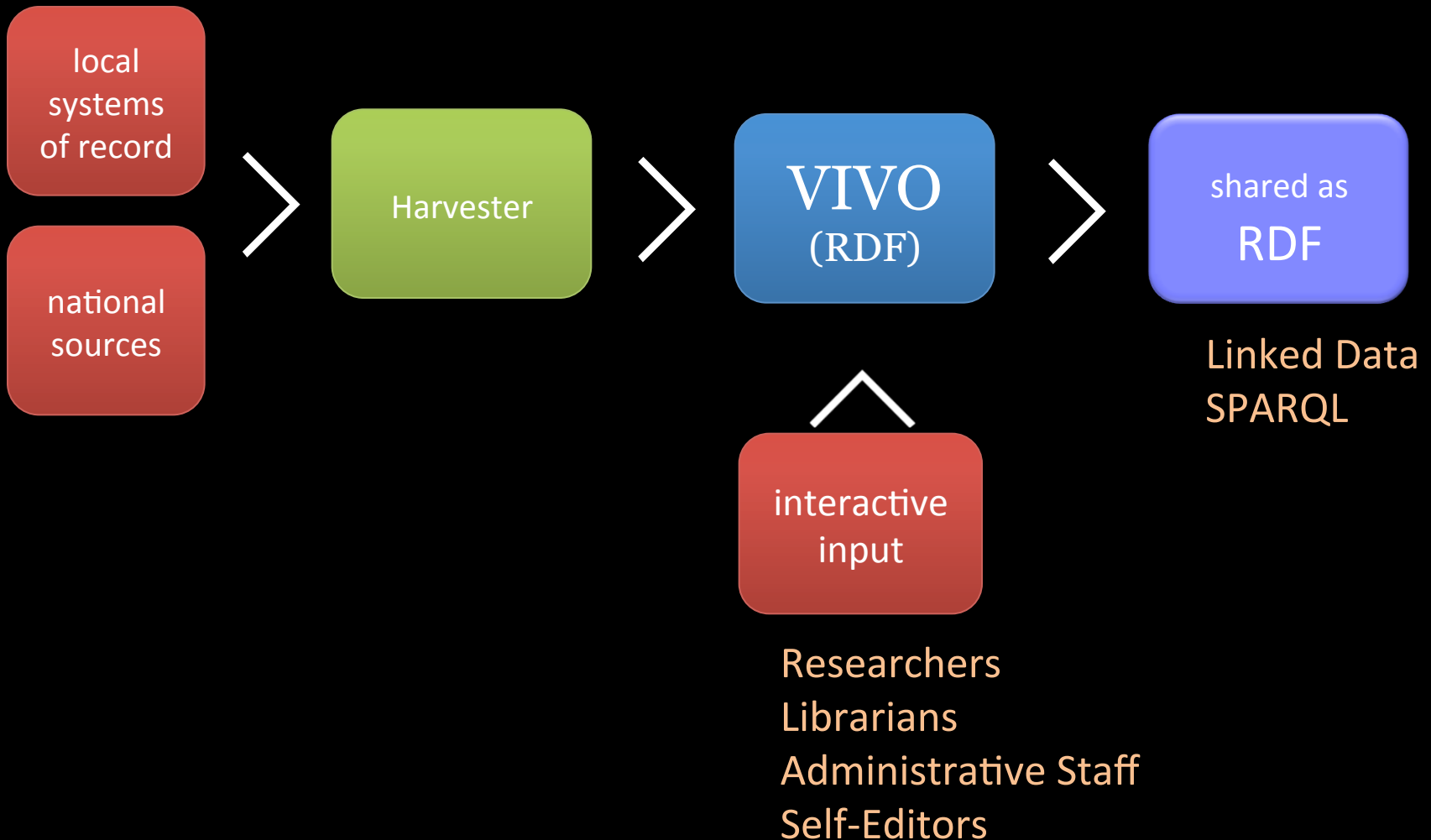


VAULT DOOR
WEIGHT: 22 1/2 Tons
THICKNESS: 22 Inches
STEEL: 11 Layers of Special
Cutting and Drill Resistant
LOCKS: 4 Hamilton Watch
Movements for Time Locks

WORLD SAFE & LOCK CO.
DECATUR, GA.



VIVO conceptual architecture



2

the institution





SIMON

HALL

LUDWIG PASTEUR
THE GREAT MIND

principal investigator on

- 2010 [Genomic Association Study of Bipolar Disorder](#)
- 2009 [Clinical Research Laboratories](#)
- 2008 [Conference Support for World Congress on Psychiatric Genetics 2008-2013.R13 AA170551-03](#)
- 2007 [Autism Trio Collection Consortium](#)
- 2007 [Genomic Association Study of Bipolar Disorder](#)
- 2007 [High Density Genotyping of Bipolar Disorder](#)
- 2007 [U. of Cincinnati Bipolar Disorder Study](#)
- 2006 [Clinical Research Laboratories](#)
- 2006 [Presidential Symposium on Bipolar Disorder](#)
- 2005 [Adolescents at High Risk for Bipolar Disorder](#)
- 2004 [A Collaborative Genomic Study of Bipolar Disorder](#)
- 2004 [Clinical Research Laboratories](#)
- 2002 [Clinical Research Laboratories](#)
- 1999 [Clinical Research Laboratories](#)
- 1998 [A Collaborative Genomic Study of Bipolar Disorder](#)
- 1998 [Clinical Research Laboratories](#)
- 1998 [IPA Agreement for Genomic Association Study of Bipolar Disorder](#)
- 1997 [Clinical Research Laboratories](#)
- 1997 [IPA Agreement for Genomic Association Study of Bipolar Disorder](#)
- 1996 [Clinical Research Laboratories](#)
- 1995 [Clinical Research Laboratories](#)
- 1995 [Genomic Studies in Bipolar Disorder](#)
- 1994 [Clinical Research Laboratories](#)
- 1993 [Clinical Research Laboratories](#)
- 1993 [Collaborative Study of Bipolar Disorder](#)
- 1993 [Melatonin Suppression in Bipolar Disorder](#)
- 1992 [Clinical Research Laboratories](#)
- 1991 [Clinical Laboratory](#)
- 1990 [A High Risk Study of Bipolar Disorder](#)
- 1990 [Clinical Laboratory](#)
- 1990 [Melatonin Suppression in Bipolar Disorder](#)
- 1989 [Collaborative Study of Bipolar Disorder](#)
- 1989 [Diagnostic Centers](#)
- 1973 [Undergraduate Psychology](#)
- 1972 [Psychiatry, Gen Psychiatry](#)

Genomic Association Study of Bipolar Disorder Grant

overview

grant awarded by

[UNIVERSITY OF CALIFORNIA, SAN DIEGO](#) | Funding Organization

related role

[Nurnberger, John](#)

total award amount

\$243012

sponsor award id

null

time

start date

2010-04-01

end date

2010-07-01

General Statistics



41 publication(s) from 2000 to 2010 ([.CSV File](#))



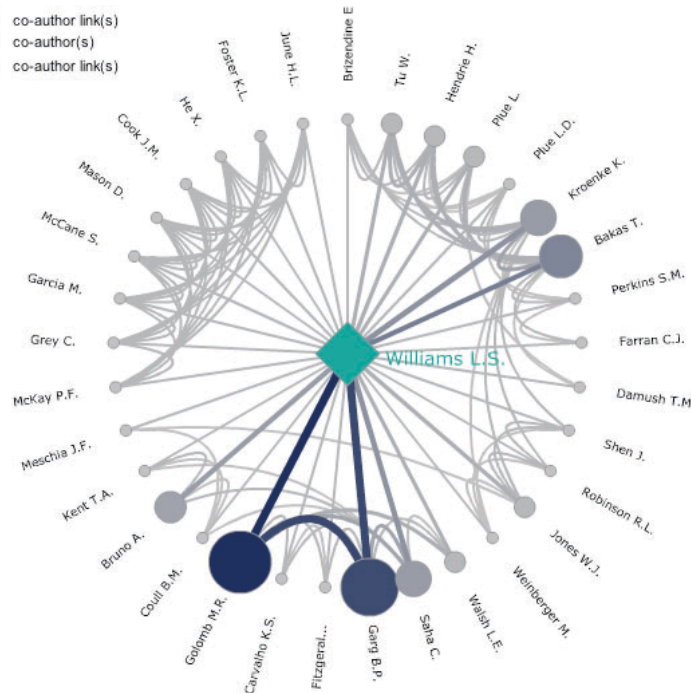
93 co-author(s) from 2000 to 2010 ([.CSV File](#))

Co-Author Network ([GraphML File](#))

125 co-author link(s)

33 co-author(s)

125 co-author link(s)



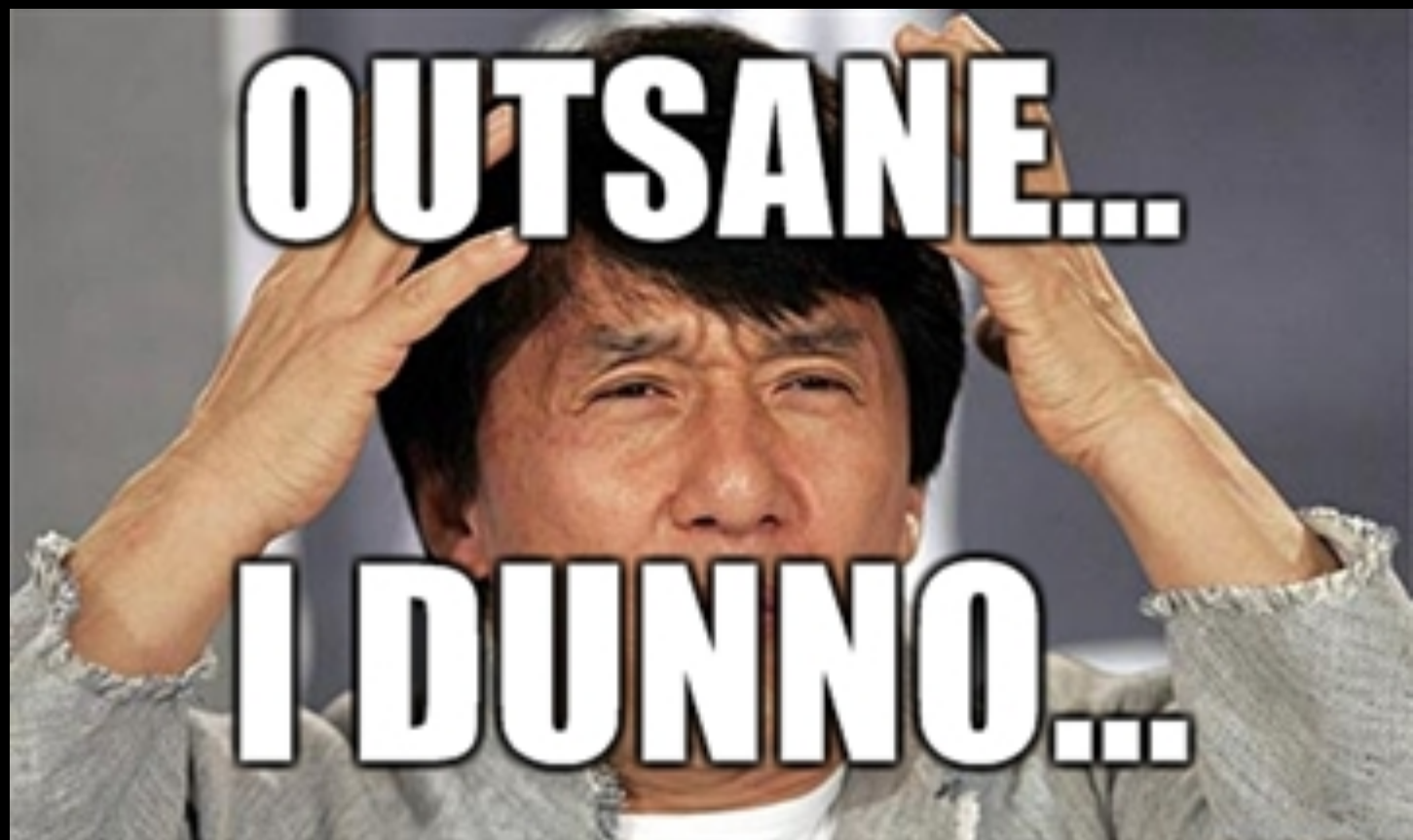
Williams L.S.

[VIVO profile](#) | [Co-author network](#)

41 Publication(s)
33 Co-author(s)
2000 First Publication
2008 Last Publication

Legend





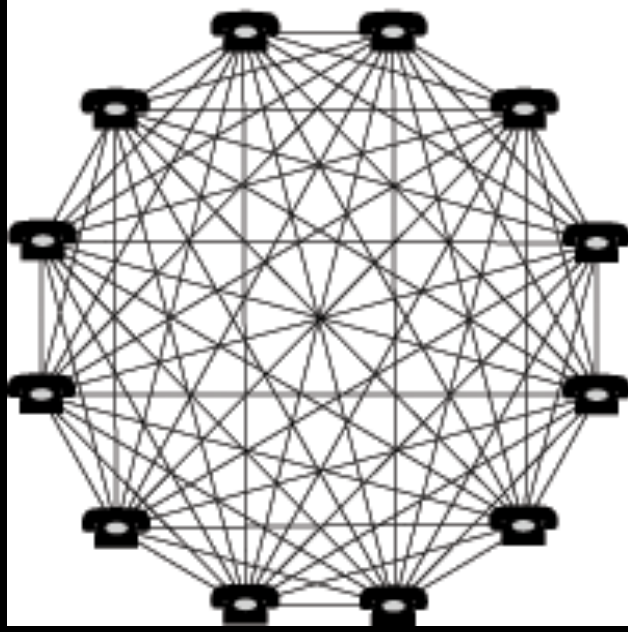
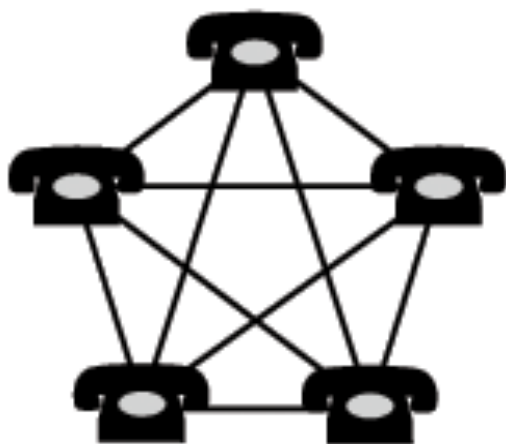
OUTSANE...

I DUNNO...

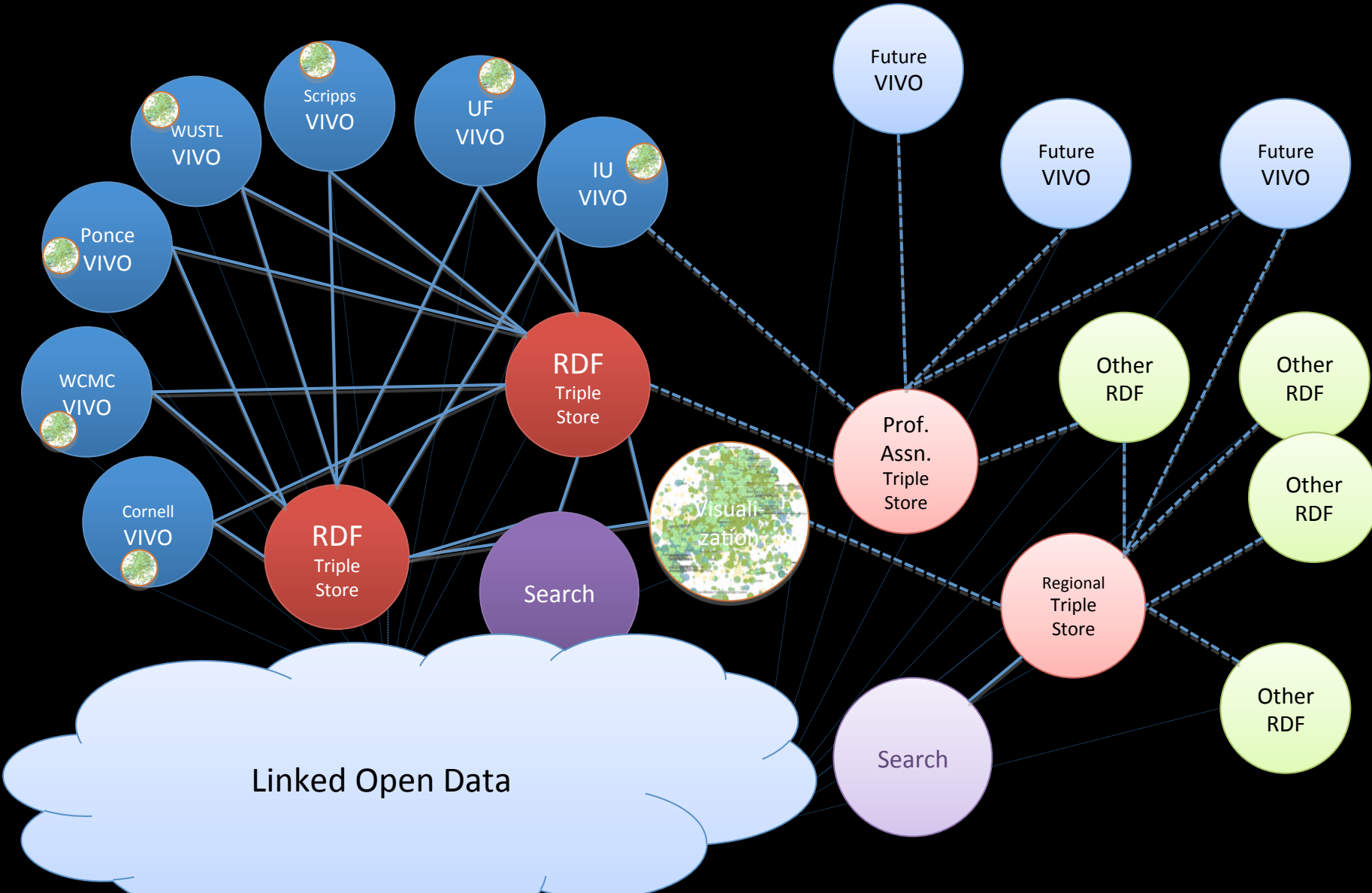
3

the nation+



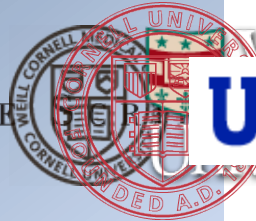


National networking





THE



UF



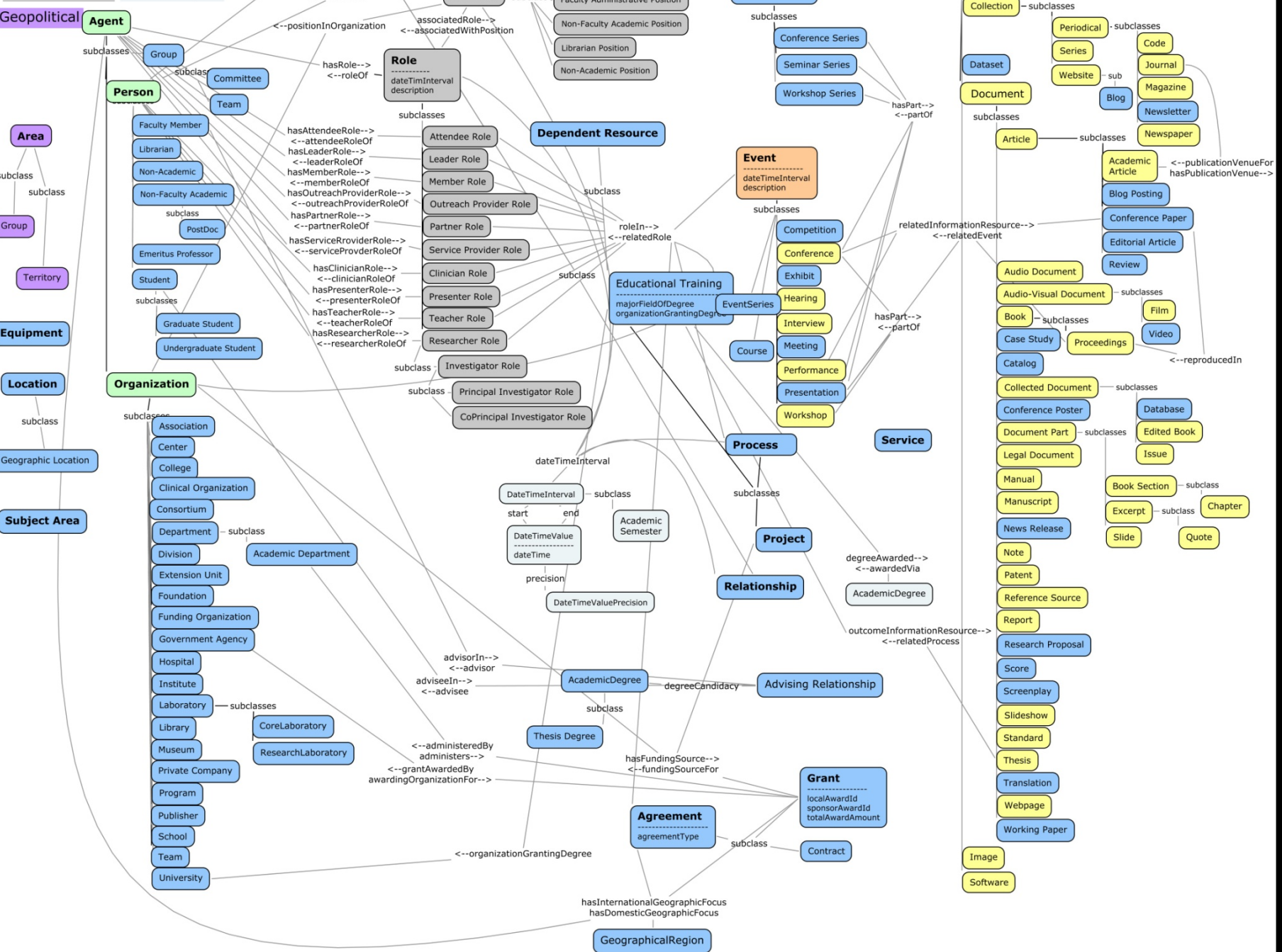
UNIVERSITY OF FLORIDA

UNIVERSITY

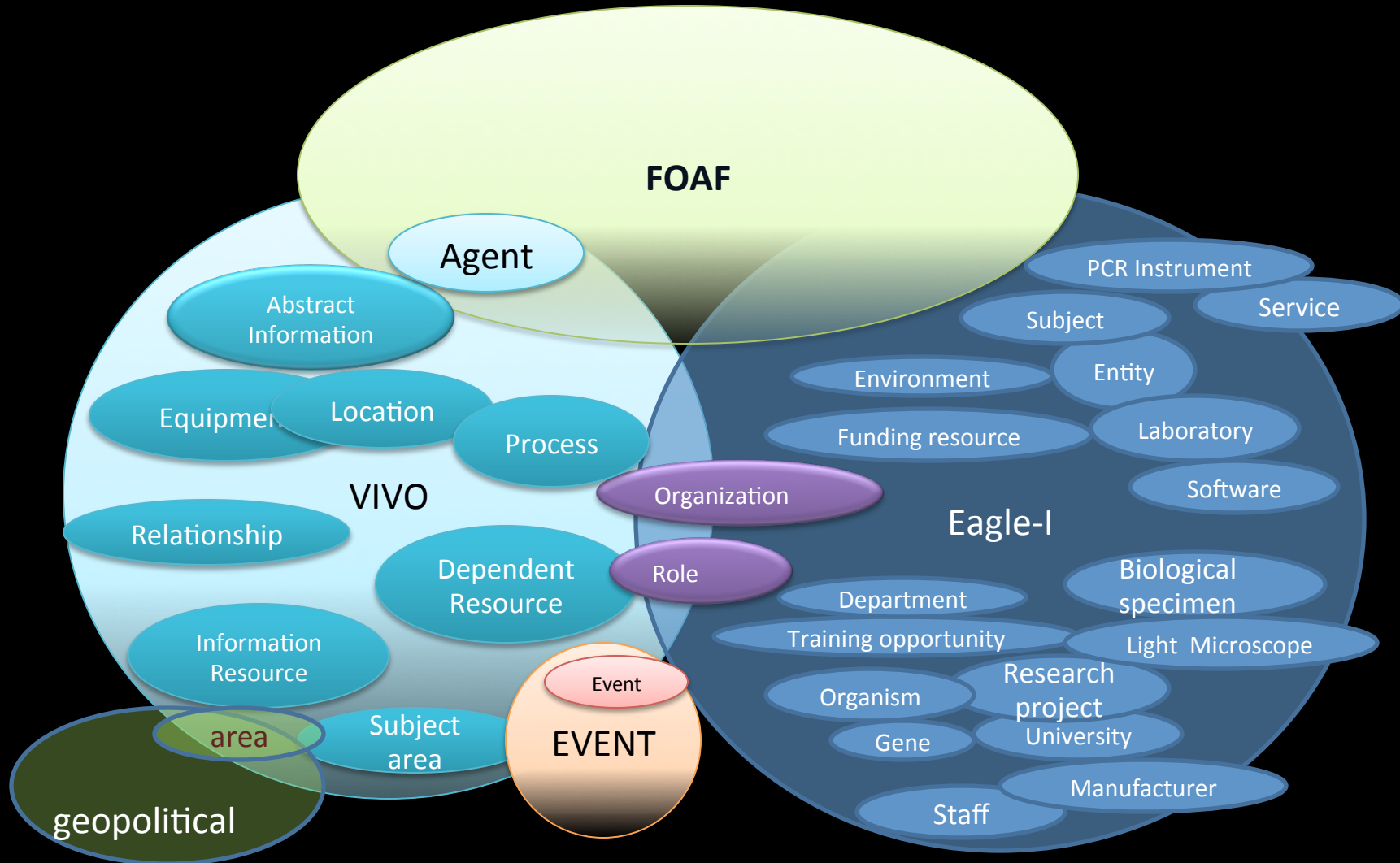
INSTITUTE®

VIVO at IU

Ontology = SLIS



Alignment with Eagle-I



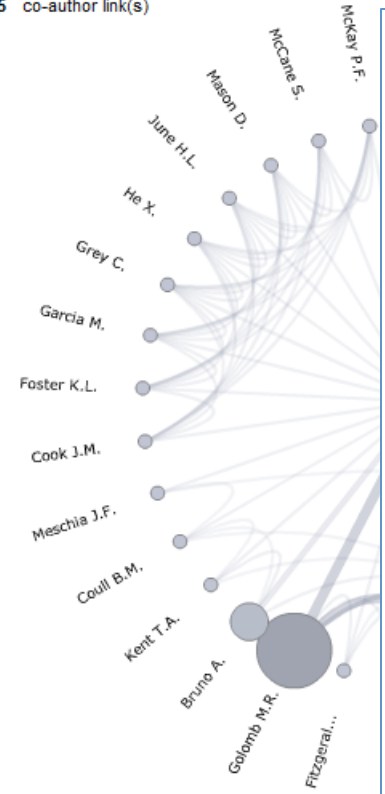
Visualization dev = SLIS





11 publications
from 2002 to
(.CSV File)

33 co-author(s)
125 co-author link(s)



Tables

Publication File)

Year

- 2007
- 2008
- 2009
- 2010

University of Florida

How do you want to compare?

by Grants

Who do you want to compare?

Search: X

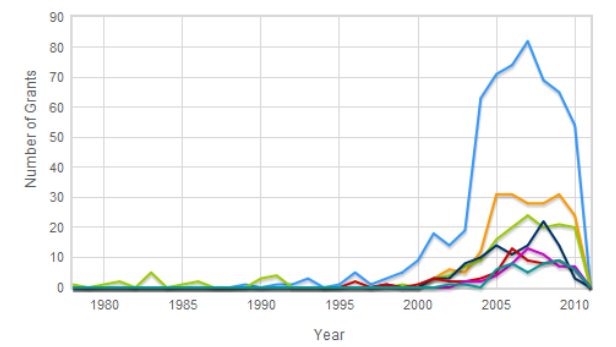
Records 1 - 10 of 30 [« First](#) [« Prev](#) [Next »](#) [Last »](#)

Entity Label	Grant Count	Entity Type
<input checked="" type="checkbox"/> Continuing Education	562	UF Department, Agent, Non-Academic Department, Department
<input checked="" type="checkbox"/> Florida Museum of Natural History	203	Museum, Agent
<input checked="" type="checkbox"/> College of Agricultural and Life Sciences	166	Agent, UF College, College
<input checked="" type="checkbox"/> College of Engineering	103	Agent, UF College, College
<input checked="" type="checkbox"/> Evelyn F. and William L. McKnight Brain Institute of the University of Florida	64	UF Center, Agent, Center
<input checked="" type="checkbox"/> International Center	54	UF Department, Agent, Non-Academic Department, Department
<input checked="" type="checkbox"/> Florida Sea Grant	44	UF Center, Agent, Center
<input type="checkbox"/> Whitney Laboratory for Marine Bioscience	42	UF Research Laboratory, Agent, Laboratory, Research Laboratory
<input type="checkbox"/> Water Institute	38	UF Center, Agent, Center
<input type="checkbox"/> College of Dentistry	35	Agent, UF College, College

[Save as CSV](#) [Clear](#)

Bakas T.

Comparing Grants of Organizations in University of Florida



Total Number of Grants

You have selected 7 of a maximum 10 organizations to compare. [Clear](#)

- Florida Sea Grant 44
- International Center 54
- Evelyn F. and William... 64
- College of Engineeri... 103
- College of Agricultur... 166
- Florida Museum of N... 203
- Continuing Education 562

Implementation = DLP











**DANGER HAZARDOUS AREA
KEEP OUT**





KEEP REFRIGERATED

FUD

Queso **Oaxaca**

Semisoft part-skim cheese



SERVING SUGGESTION



0015507215
EXP SEPT 01

NET WT 12.04 (340 g)

001550
EXP





Central Authentication Service

VIVO

enabling national

University of Florida

How do you want to compare?

by Grants

Who do you want to compare?

Search: X

Records 1 - 10 of 30

Entity Label	Grant Count	Entity Type
<input checked="" type="checkbox"/> Continuing Education	562	UF Department Non-Academic Department
<input checked="" type="checkbox"/> Florida Museum of Natural History	203	Museum, Agency
<input checked="" type="checkbox"/> College of Agricultural and Life Sciences	166	Agent, UF Center
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<input checked="" type="checkbox"/> Evelyn F. and William L. McKnight Brain Institute of the University of Florida	64	UF Center, Agency
<input checked="" type="checkbox"/> International Center	54	UF Department Non-Academic Department
<input checked="" type="checkbox"/> Florida Sea Grant	44	UF Center, Agency
<input type="checkbox"/> Whitney Laboratory for Marine Bioscience	42	UF Research Agent, Laboratory
<input type="checkbox"/> Water Institute	38	UF Center, Agency
<input type="checkbox"/> College of Dentistry	35	Agent, UF Center

Search Term: VIVO

Search results for

- [vivo.ufl.edu](#) has
- [vivo.cornell.edu](#) has
- [vivo.iu.edu](#) has
- [vivo.wustl.edu](#) has
- [vivo.psm.edu](#) has
- [vivo.med.cornell.edu](#) has
- [vivo.scripps.edu](#) has

[Site description X](#)
[These results in X](#)
[Preview page of the](#)

Save

VIVO

research and expertise across Indiana University

Search

VIVO is a research-focused discovery tool

This site currently contains basic faculty profiles across all disciplines, departments and schools at Indiana University Bloomington. Additional data and campuses will be added over time.

For more information about this site, see [About VIVO @ IU](#).

Log in

Email

Password

Recent Research News at IU

[IU students to present research at Women in Science conference in Bloomington March 4](#) Feb 28, 2011 Indiana University



Indiana University scientists in training will present the fruits of their undergraduate and graduate research projects this Friday, March 4, at the 13th Women in Science Program Conference, an annual event that supports women who are considering careers in science, social science, or mathematics. The posters will be on display in the Indiana Memorial Union's Alumni Hall from 9:00 a.m. to 2:30 p.m. Visitors are welcome. Attendance of the conference, which includes a poster and presentation competition, has grown steadily over the years. Last year's WISP conference had 85 student registrants, and organizers expect more than 100 participants this year.

[IU mathematician credited with solving one of combinatorial geometry's most challenging problems](#) Feb 24, 2011 Indiana University



A mathematician in the Indiana University College of Arts and Sciences is being credited with resolving a 65-year-old problem in combinatorial geometry that sought to determine the minimum number of distinct distances between any finite set of points in a plane.

[Polygamy hurt 19th century Mormon wives' evolutionary fitness](#) Feb 21, 2011 Indiana University

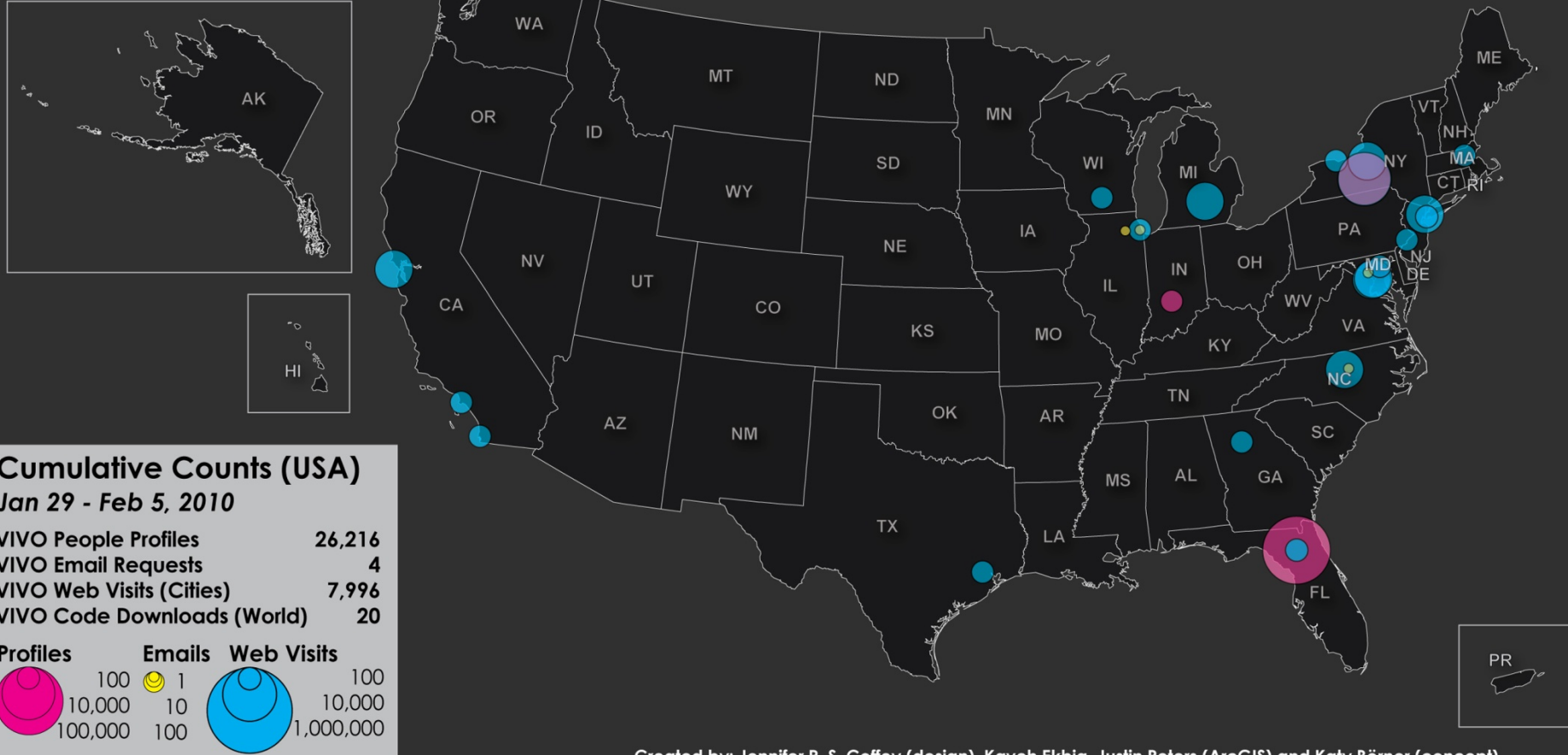


Polygamy among some 19th century Mormon men had the curious effect of suppressing the overall offspring numbers of Mormon women in plural marriages, say scientists from Indiana University Bloomington and three other institutions in the March 2011 issue of *Evolution and Human Behavior*. Simply put, the more sister-wives a Mormon woman had, the fewer children she was likely to produce.

[More IU Research News](#)

VIVO Enabling National Networking of Scientists

<http://www.vivoweb.org>



The National Research Network: VIVO: Enabling National Networking of Scientists NIH U24RR029822

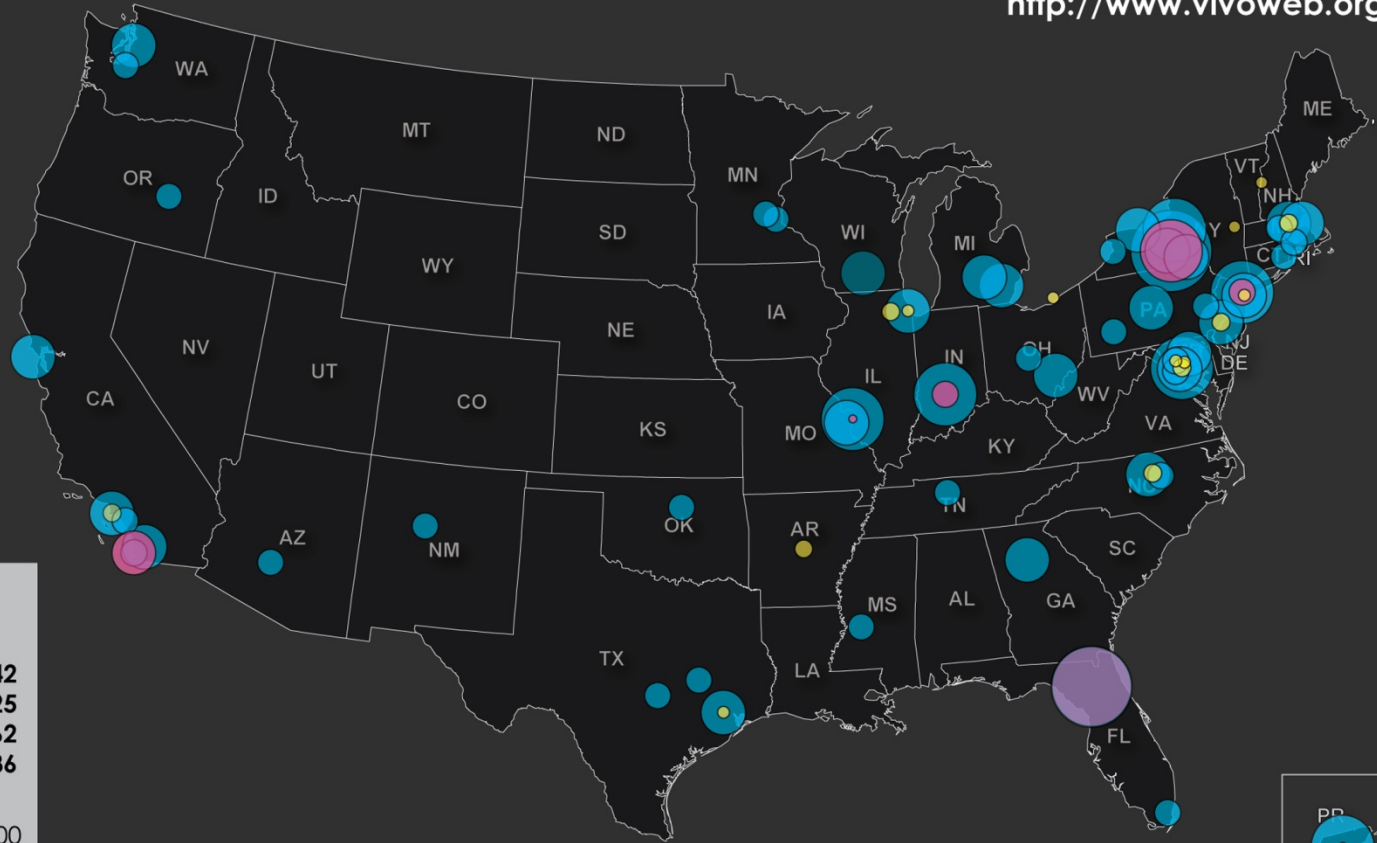
Start: Sept 2009

PI: Michael Conlon, University of Florida

Award amount: \$12,300,000

VIVO Enabling National Networking of Scientists

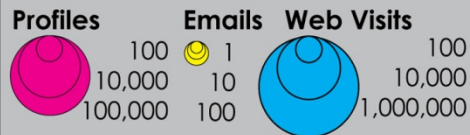
<http://www.vivoweb.org>



Cumulative Counts (USA)

Jan 29 - Apr 16, 2010

VIVO People Profiles	27,642
VIVO Email Requests	25
VIVO Web Visits (Cities)	68,062
VIVO Code Downloads (World)	86



Created by: Jennifer R. S. Coffey (design), Kaveh Ekbia, Justin Peters (ArcGIS) and Katy Börner (concept).

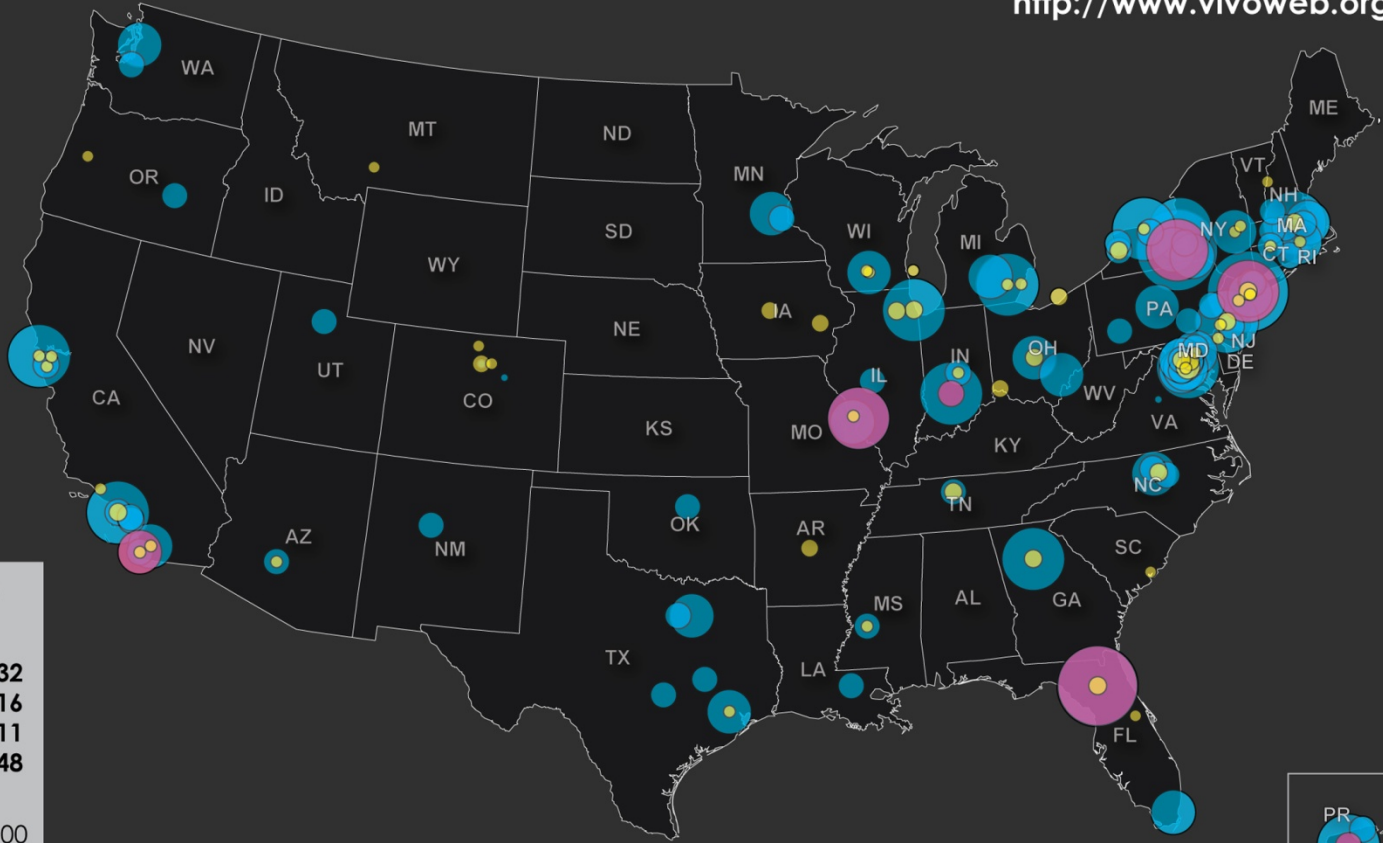
Shown are the

- Number of people profiles in the 7 different installation sites as well as CAS and U of Melbourne
- Email contacts by data and service providers as well as institutions interested to adopt VIVO.
- The number of visitors on <http://vivoweb.org>

Circles are area size coded using a logarithmic scale.

VIVO Enabling National Networking of Scientists

<http://www.vivoweb.org>



Cumulative Counts (USA)

Jan 29 - Jul 30, 2010

VIVO People Profiles	34,932
VIVO Email Requests	116
VIVO Web Visits (Cities)	136,511
VIVO Code Downloads (World)	748

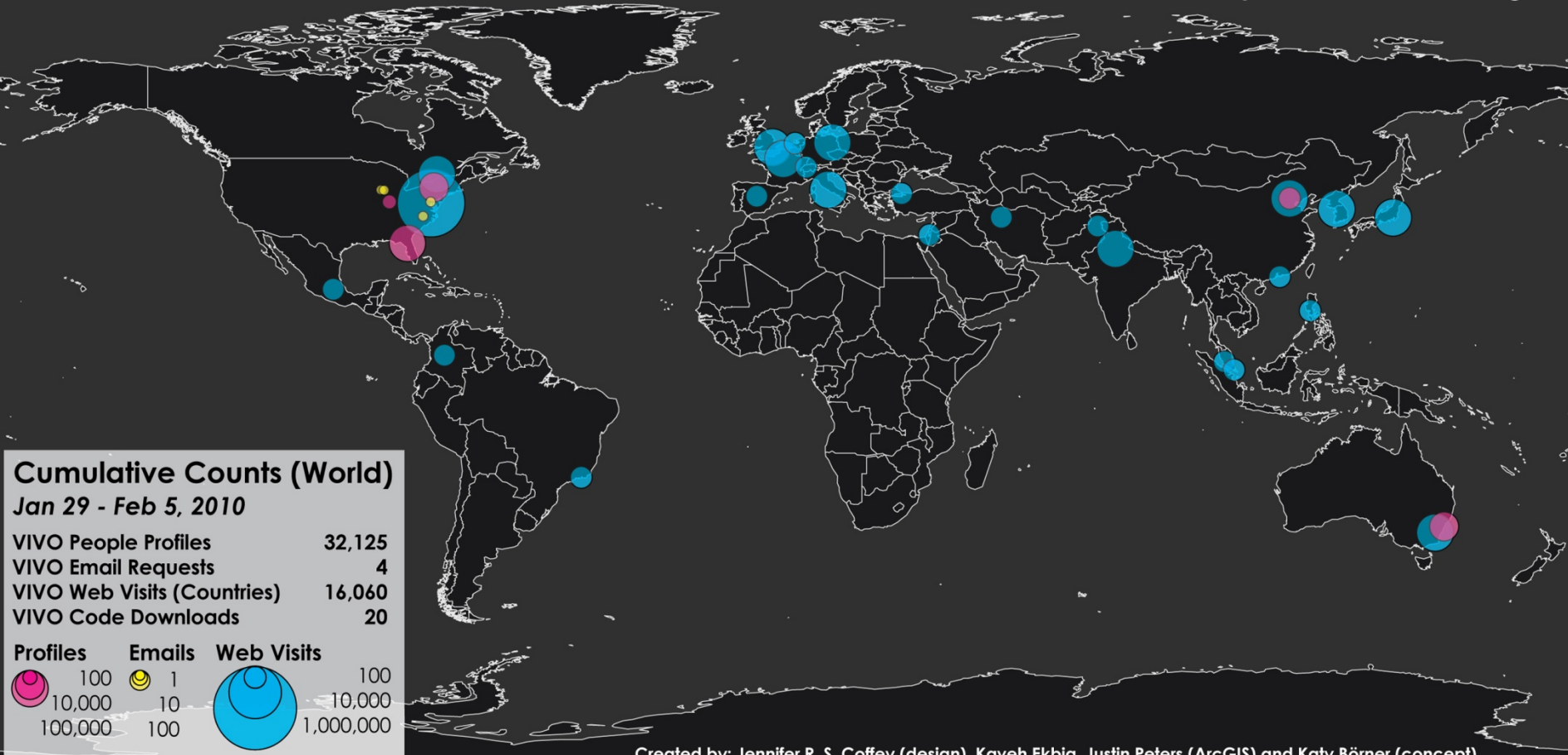


Created by: Jennifer R. S. Coffey (design), Kaveh Ekbia, Justin Peters (ArcGIS) and Katy Börner (concept).

VIVO 1.0 source code was publicly released on April 14, 2010

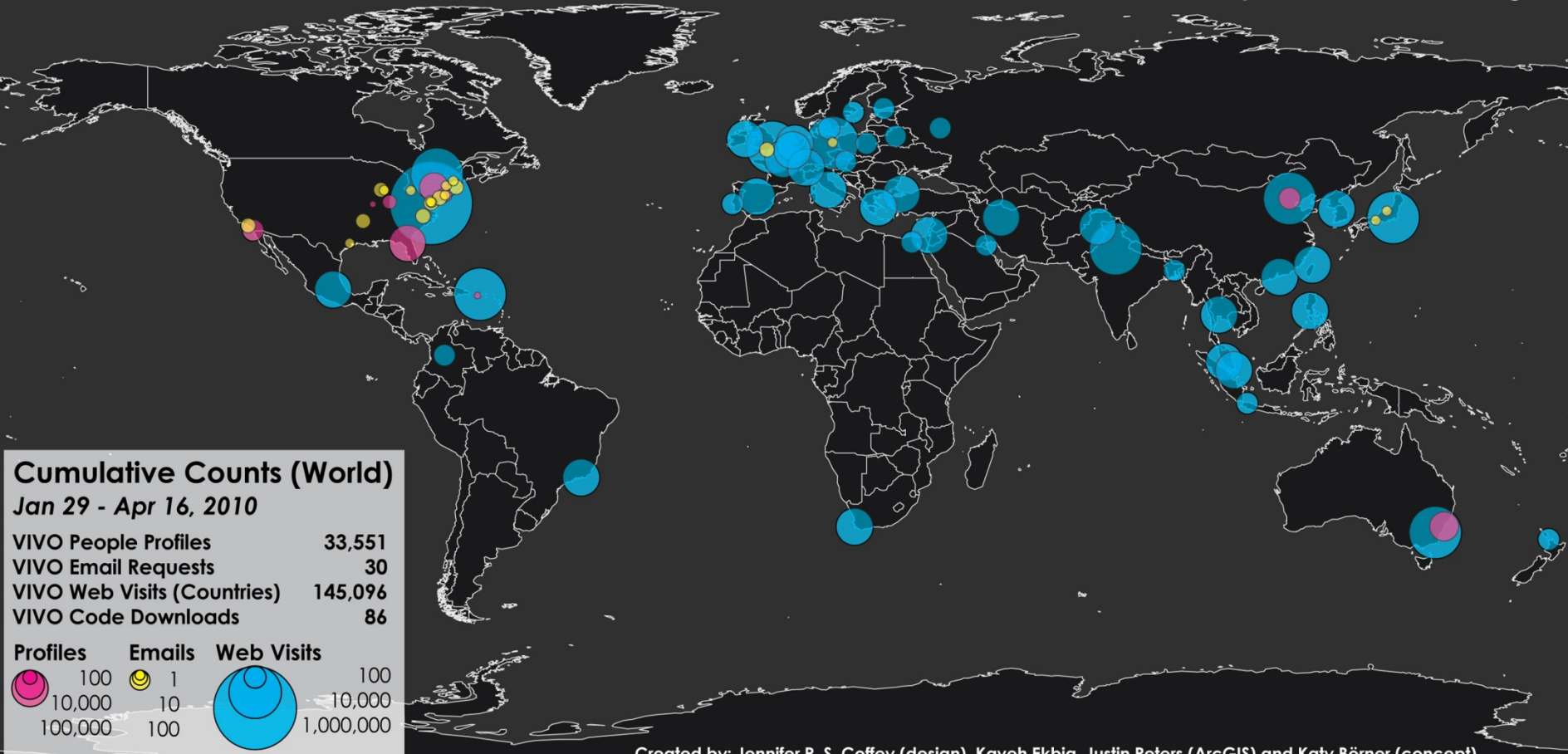
87 downloads by June 11, 2010.

The more institutions adopt VIVO, the more high quality data will be available to understand, navigate, manage, utilize, and communicate progress in science and technology.



Created by: Jennifer R. S. Coffey (design), Kaveh Ekbia, Justin Peters (ArcGIS) and Katy Börner (concept).

Science is global. World view of VIVO activity.
Web site visits are aggregated at the country level.

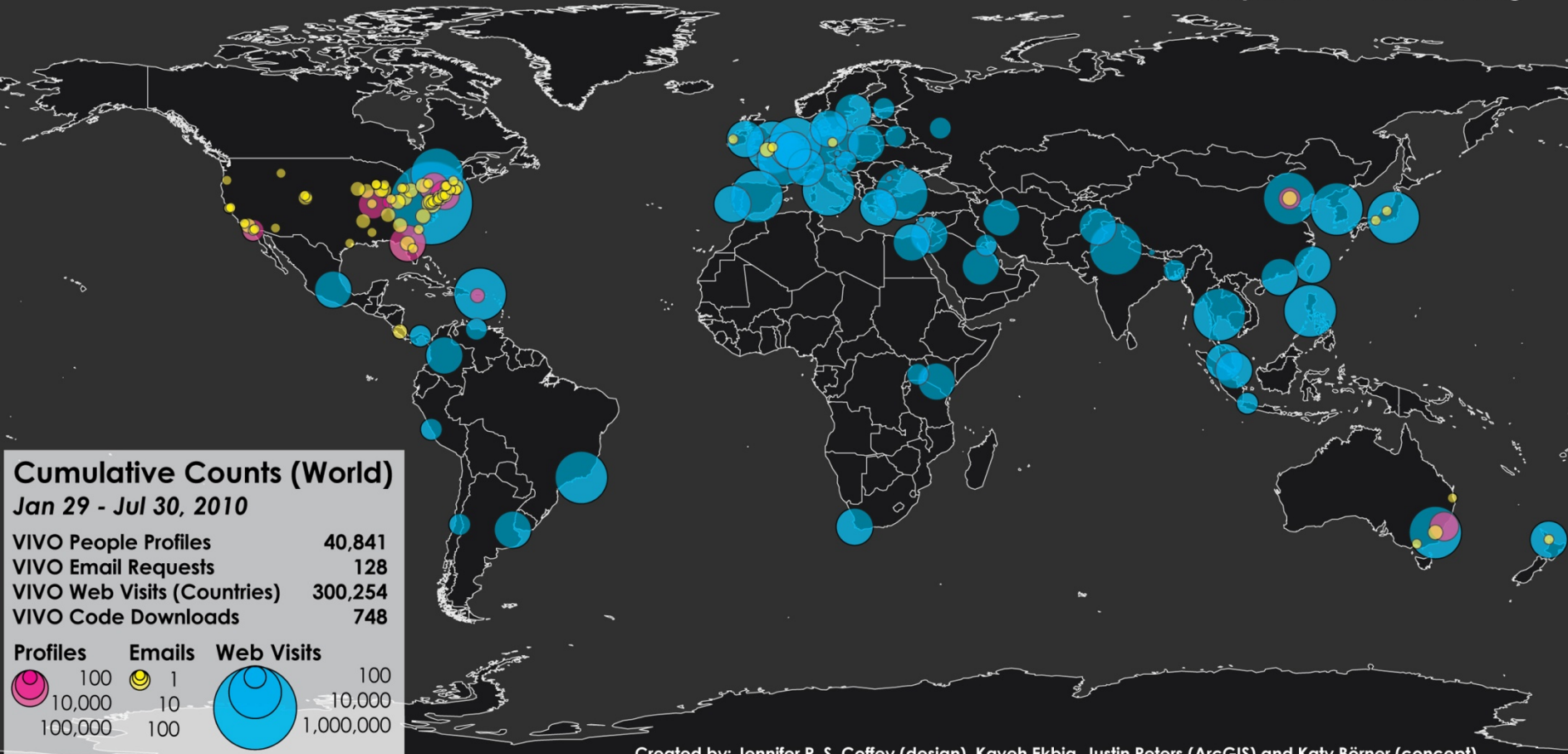


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networking of scientists

Questions?

Ryan Cobine (rcobine@indiana.edu)

Slide #	Name	Location
55-60	Micah Linnemeier	Code4Lib presentation
51	Ckelty	Flickr
50	Knile	Flickr
42-43	Ying Ding	Code4Lib presentation
38, 27	Nick Cappadona	Code4Lib presentation
8, 11, 12, 23, 30, 31	Courtesy of Indiana University	newsinfo.iu.edu