

SIS Board of Visitors Dean's Update

Ronald L. Larsen
September 22, 2014

Roadmap

- The emergence of *iSchools*
- Our rankings
- Unsettling trends in enrollment & employment
- Imbalance in education supply and demand
- Reinterpreting career prospects
- Elements of our current plan
- *What's NEXT?*

The Emergence of iSchools – 2003

The Founding Core of the iCaucus



Growth of the iSchools – 2008

21 Members



Growth of the iSchools – 2014

55 Members





Library and Information Studies

Click here for the GRE study guide

Ranked in 2013 | Library and Information Studies Rankings Methodology

An advanced degree in library and information studies is vital for future librarians who wish to work in schools, government agencies, hospitals and more. These are the top schools for a master's degree in library and information studies.

Rank	School name	Score
#1	University of Illinois—Urbana-Champaign Champaign, IL	4.6
#2	University of North Carolina—Chapel Hill Chapel Hill, NC	4.5
#3	University of Washington Seattle, WA	4.4
#4	Syracuse University Syracuse, NY	4.3
#4	University of Michigan—Ann Arbor Ann Arbor, MI	4.3
#6	Rutgers, the State University of New Jersey—New Brunswick New Brunswick, NJ	4.0
#6	University of Texas—Austin Austin, TX	4.0
#8	Indiana University—Bloomington Bloomington, IN	3.9
#9	Simmons College Boston, MA	3.8
#10	Drexel University Philadelphia, PA	3.7
#10	University of Maryland—College Park College Park, MD	3.7
#10	University of Pittsburgh Pittsburgh, PA	3.7

RANKINGS...



Library & Information Studies

Library and Information Studies

School of Information Sciences

Address: 135 N. Bellefield Avenue, Pittsburgh, PA 15260

Admissions Phone: (800) 672-9435

Admissions E-mail: lising@sis.pitt.edu

Admissions Website: <http://www.ischool.pitt.edu/lis/>

Rankings

#10 in **Library and Information Studies**

Specialties

#6 in **Archives and Preservation**

#10 in **Digital Librarianship**

#3 in **Health Librarianship**

#4 in **Information Systems**

#13 in **School Library Media**

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News

IT pros rank University of Texas San Antonio best school for cybersecurity

In a Hewlett-Packard-sponsored survey of about 2,000 certified IT security professionals, UTSA's 14 undergraduate and graduate programs in areas such as digital forensics, secure design and intrusion detection and response, were ranked first for academic excellence and practical relevance.

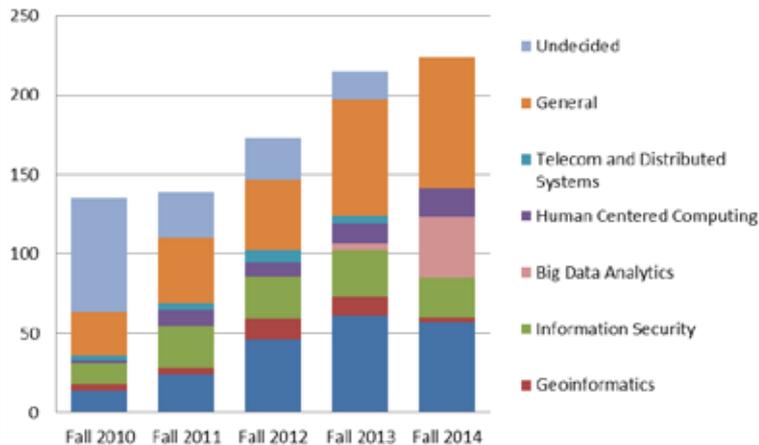
Rounding out the top 10 were Syracuse University and Carnegie Mellon University, which tied for the fourth spot; Purdue University was fifth; the University of Southern California, the University of Pittsburgh and George Mason University were in a seventh place tie. Eighth place went to West Chester University, in West Chester, Penn., while the U.S. Military Academy at West Point and the University of Washington in Seattle completed the list.

The Ponemon Institute, which conducted the survey for HP, compiled the list of top schools based on responses from 1,958 security practitioners, about 65% of whom identified themselves as being at a supervisory level.

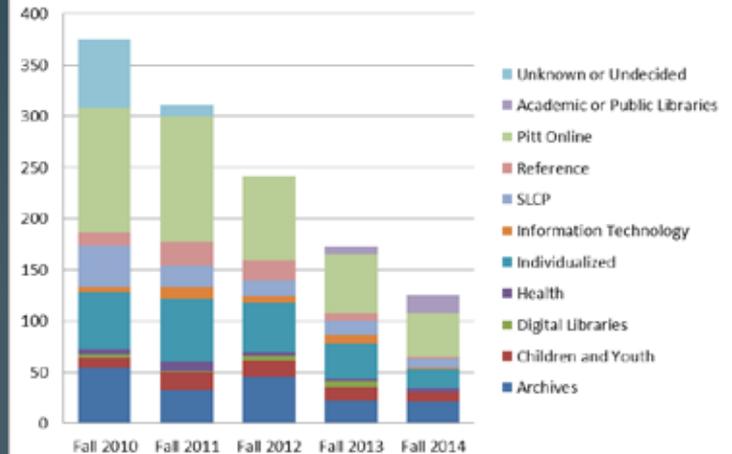
Survey participants were given a list of 403 educational institutions and were asked to select and rank up to five of the institutions in descending order of preference. Respondents were then asked to rate each school's program based on their perceptions about the school's academic rigor, faculty quality and other measures.

Graduate Enrollment Trends

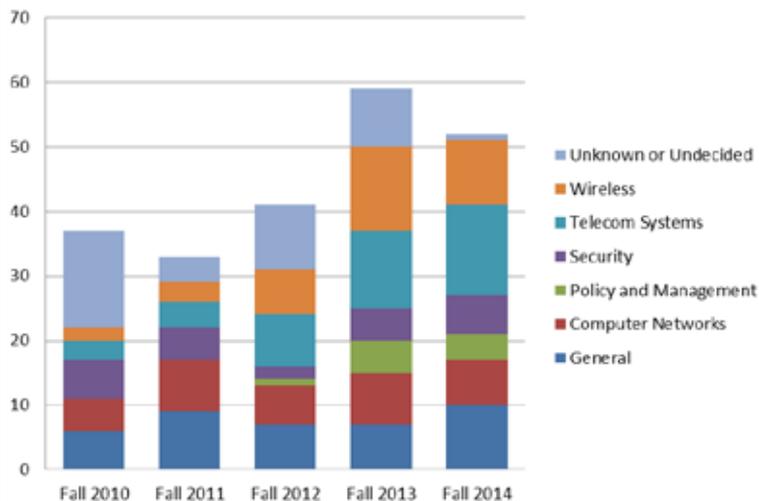
MSIS Enrollment by Specialization



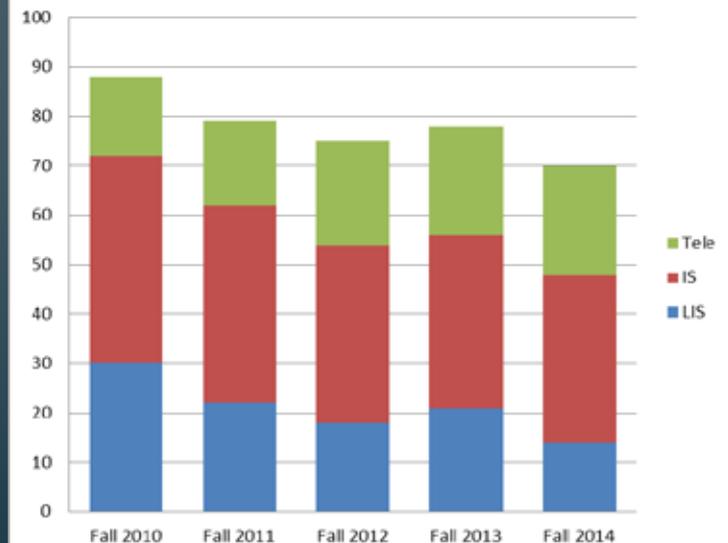
MLIS Enrollment by Specialization



Telecommunications & Networking Enrollment by Specialization



PhD Enrollment by Program



The Best And Worst Master's Degrees For Jobs

Forbes

June 8, 2012

1. Physician Assistant Studies
2. Computer Science
3. Electrical Engineering
4. Mathematics and Information Systems (tied)



No. 4 (tie) Best Master's Degree For Jobs: Information Systems

Mid-career median pay: \$95,500
Projected employment increase for common jobs associated with this degree: 23.3%

No GRE
Graduate
Schools

degreeleap.com/GRE

"Library and information science degree-holders bring in \$57,600 mid-career, on average. Common jobs for them are school librarian, library director and reference librarian, and there are expected to be just 8.5% more of them by 2020. The low pay rank and estimated growth rank make library and information science the worst master's degree for jobs right now."



No. 1 Worst Master's Degree For Jobs: Library and Information Science

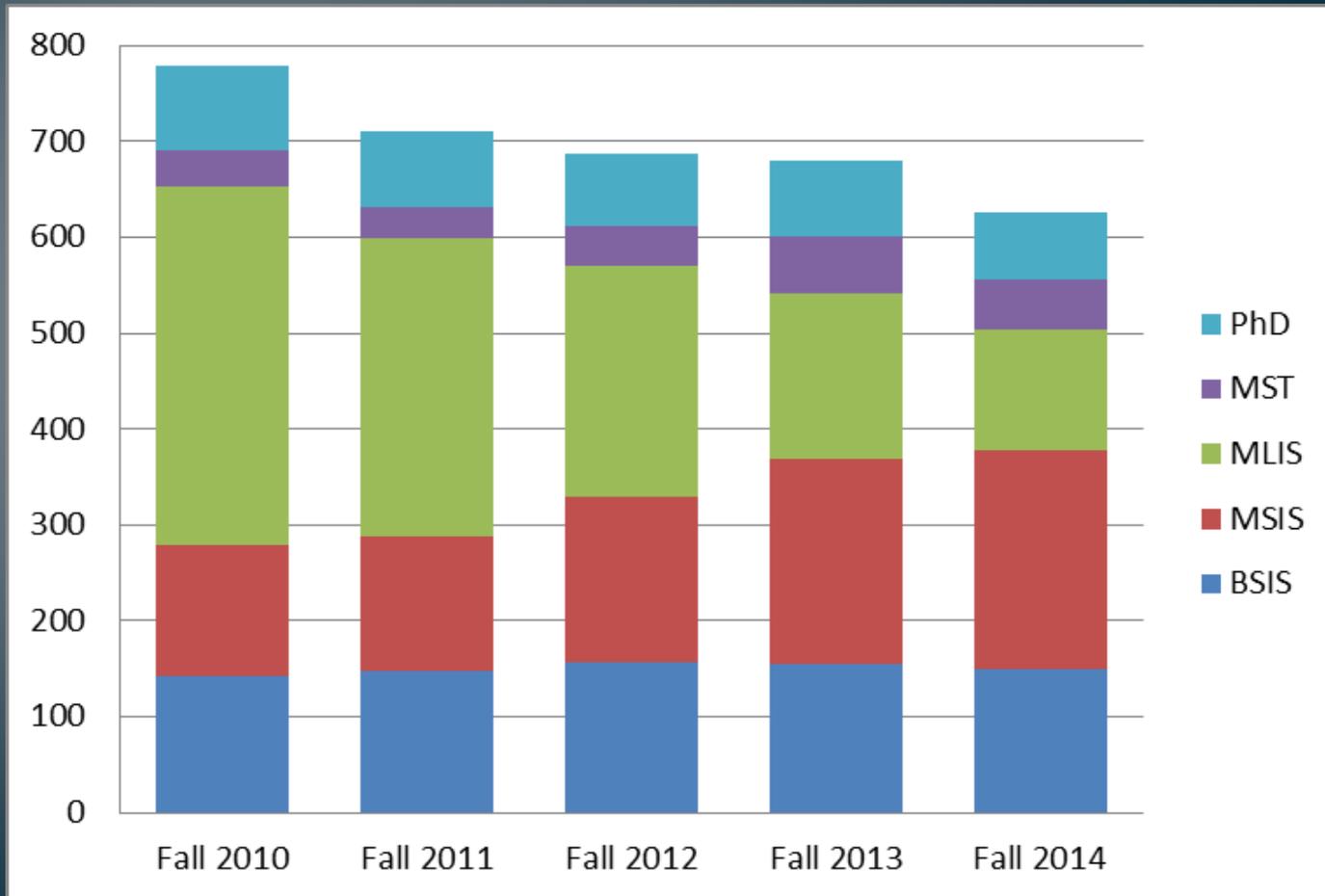
Mid-career median pay: \$57,600
Projected employment increase for common jobs associated with this degree: 8.5%

No GRE
Graduate
Schools

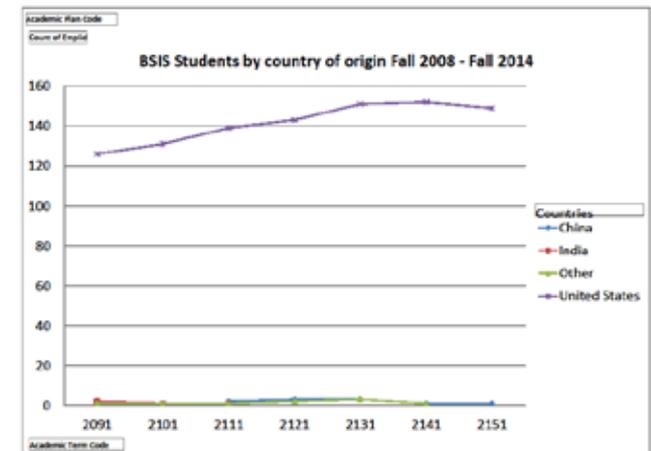
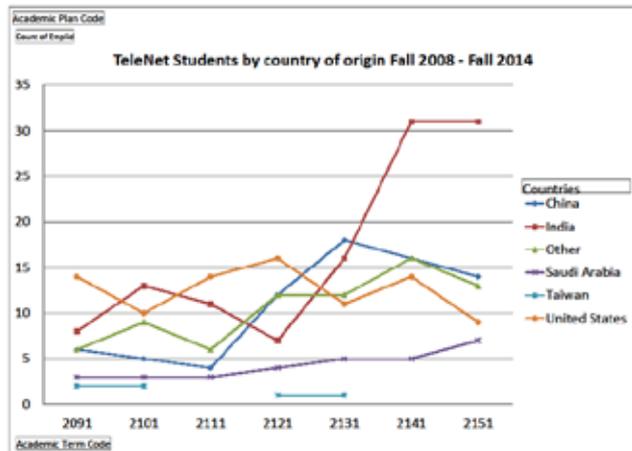
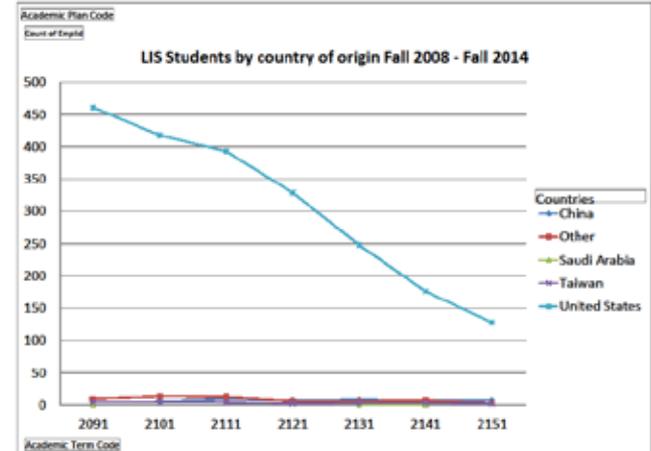
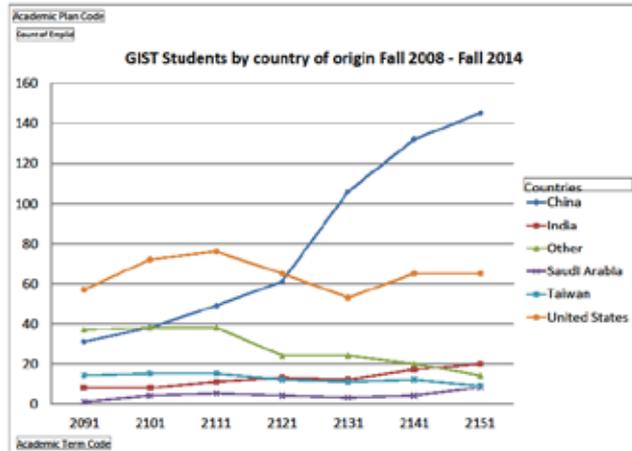
degreeleap.com/GRE
Skip Your GRE Prep and

9

SIS Enrollment by Program



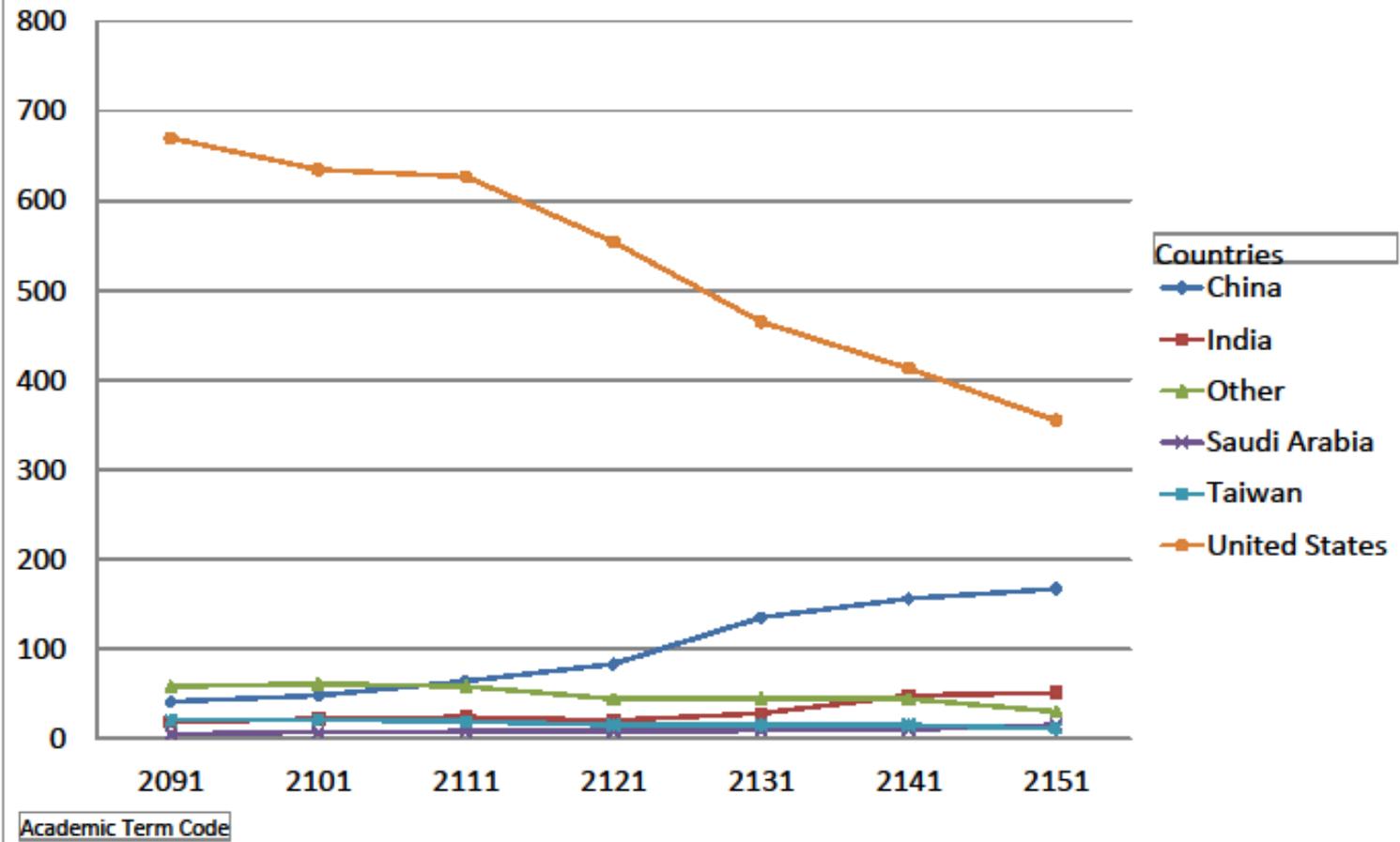
Students by Country of Origin



Academic Plan Code

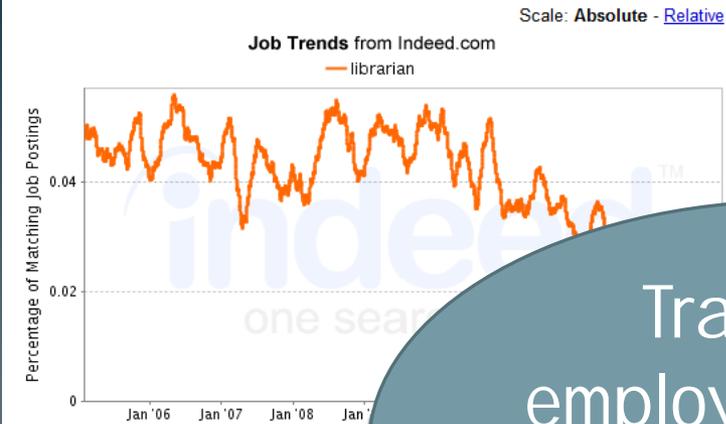
Count of Emplid

All SIS Students by country of origin Fall 2008 - Fall 2014

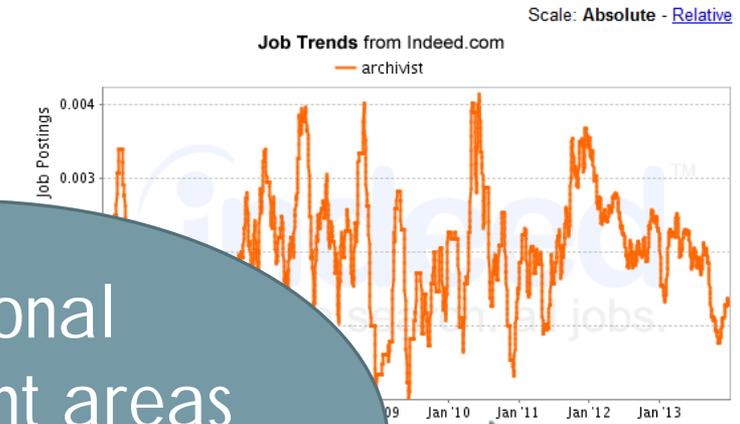


Eight years of job posting data (Indeed.com) ...

librarian Job Trends



archivist Job Trends

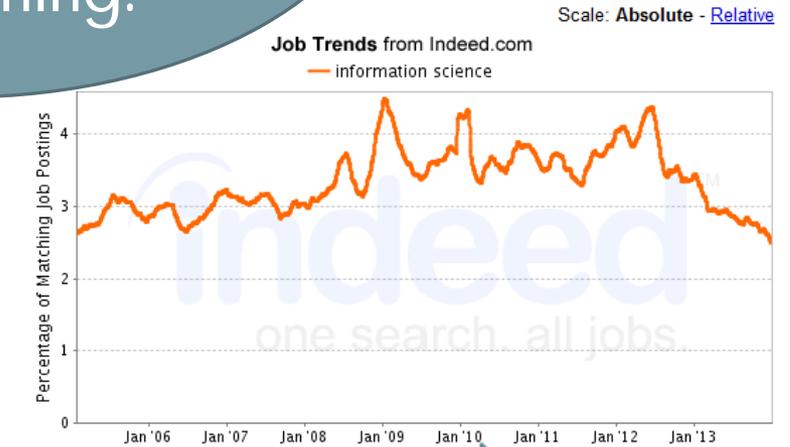


Traditional employment areas appear to be flat or declining.

informatics Job Trends



information science Job Trends



Eight years of job posting data (Indeed.com) ...

information steward Job Trends



data steward Job Trends

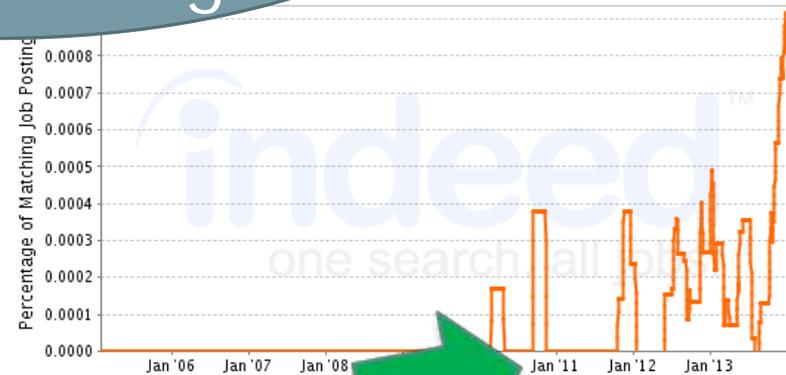


Non-traditional employment opportunities are emerging and appear to be increasing.

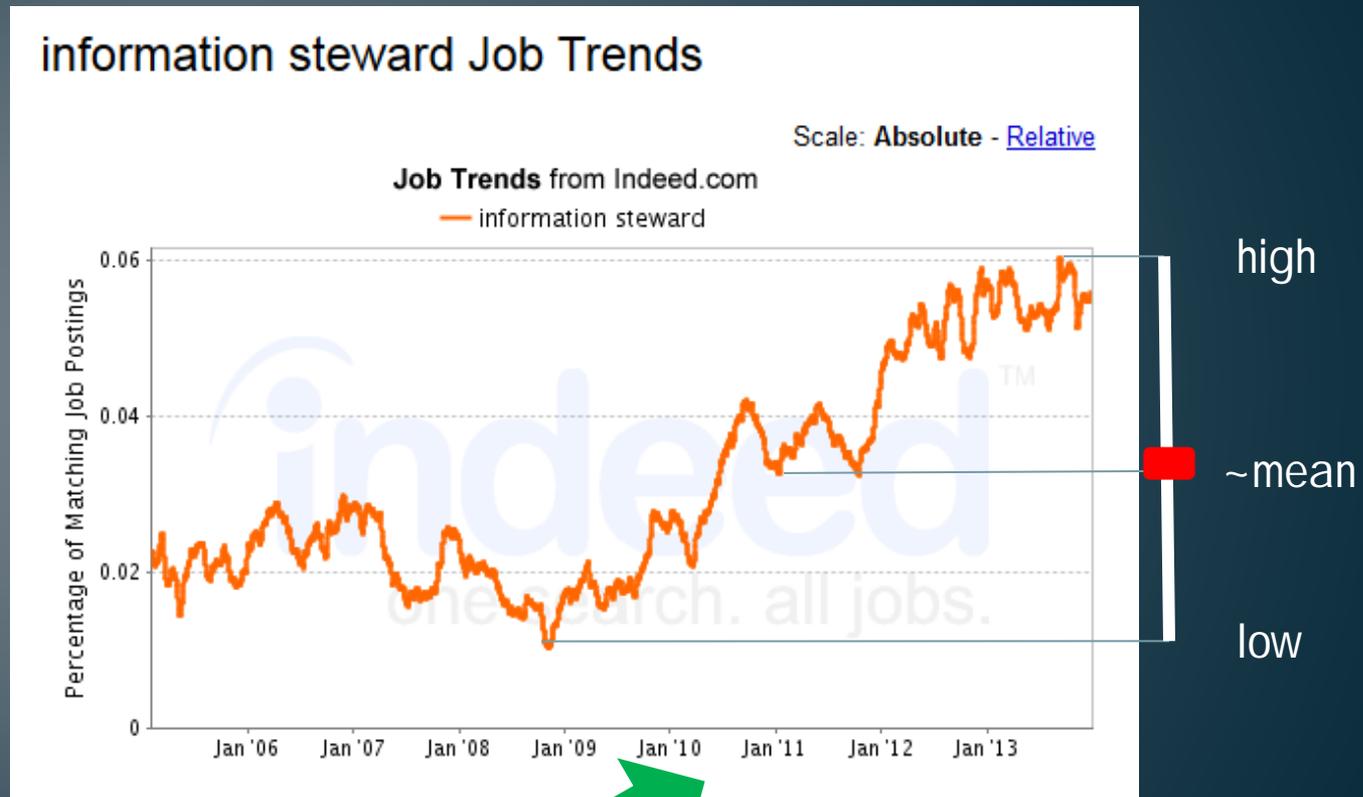
data governance Job Trends



digital curator Job Trends

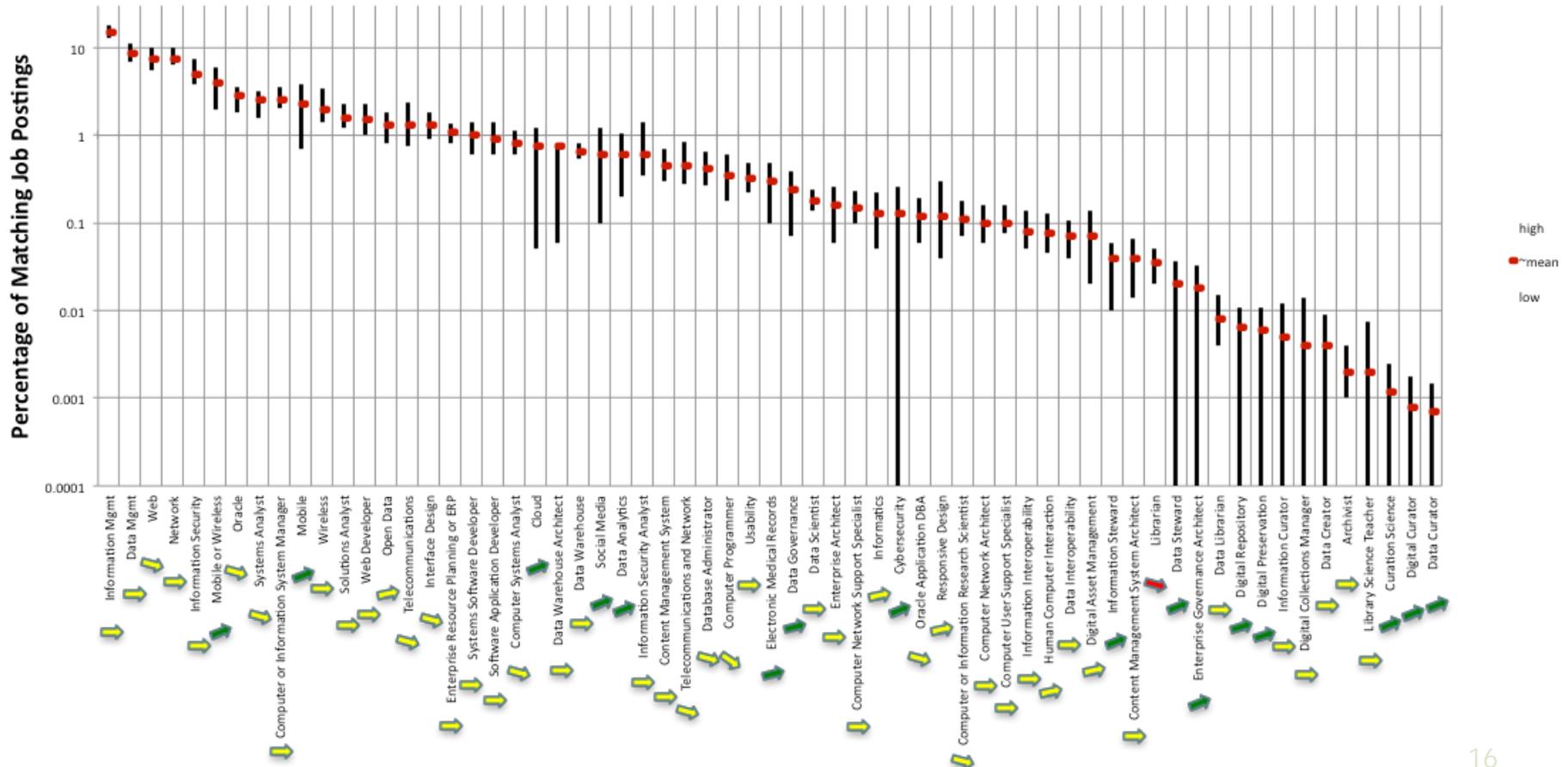


Summarizing Job Posting Trends...

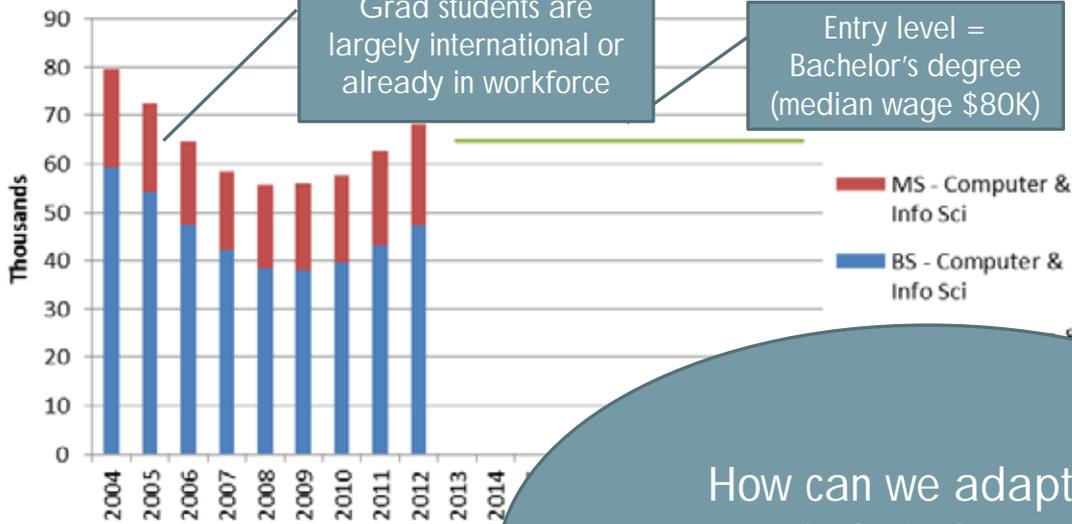


Job Posting Trends

Range for Job Trends (Indeed.com, 2006-13)



Comp & IS Degrees vs. Projected Demand*



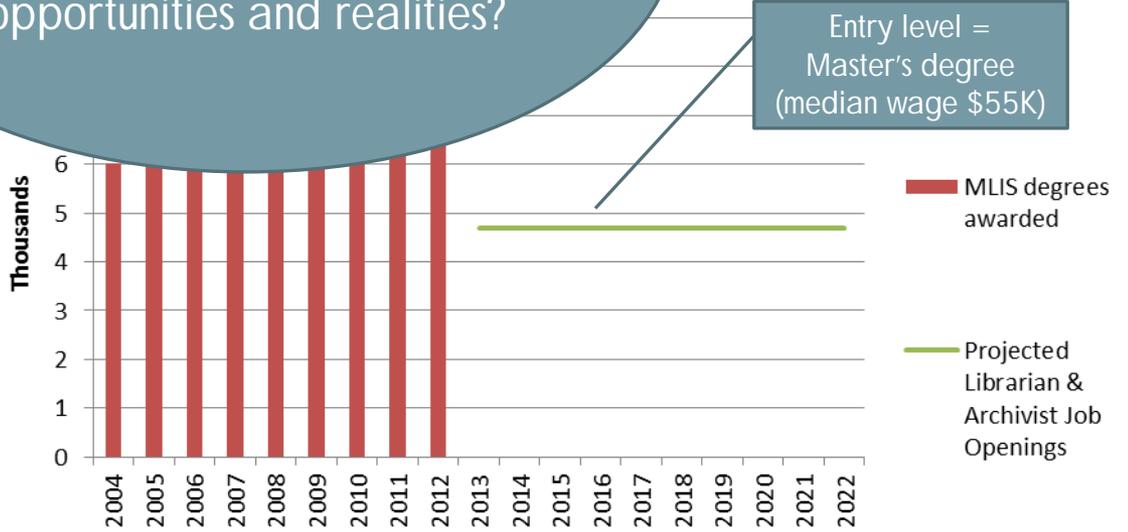
* Degrees from NCES, Projected Demand



How can we adapt our curricula to leverage contemporary needs, opportunities and realities?



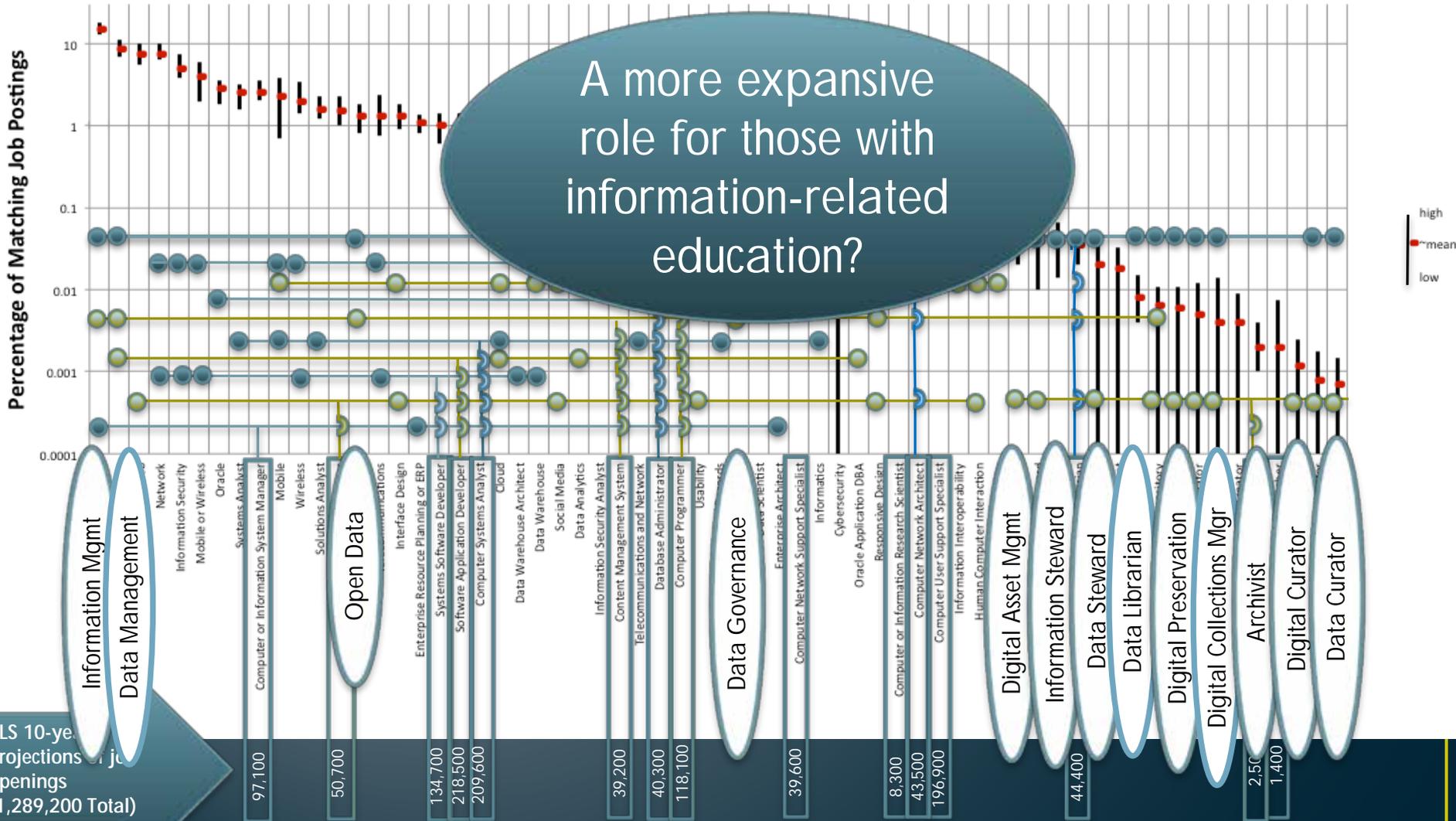
MLIS Degrees vs. Projected Demand*



* MLIS degrees from NCES, Projected Demand from BLS

Bureau of Labor Statistics Projections

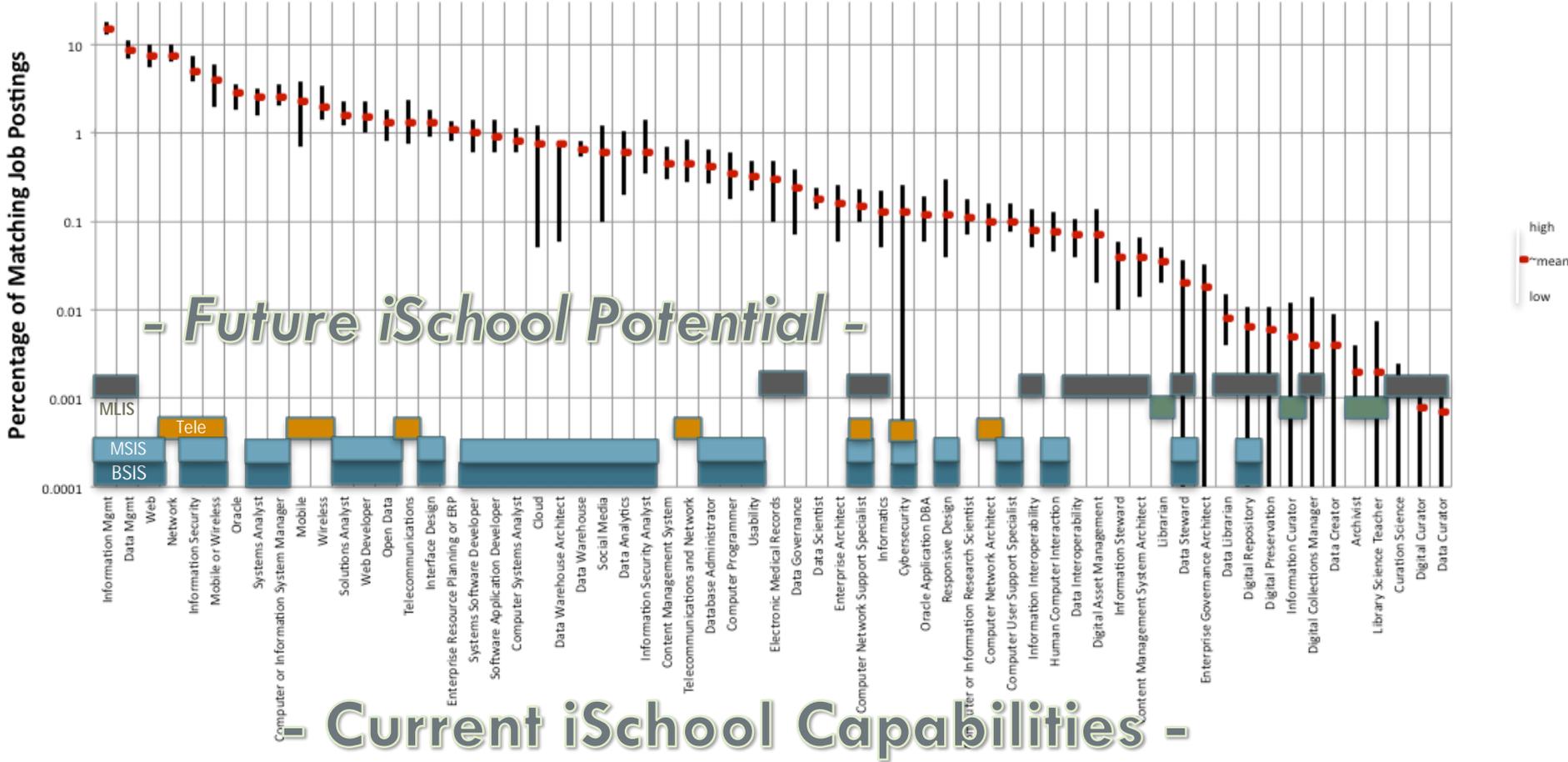
Range for Job Trends (Indeed.com, 2006-13)



BLS 10-year projections for job openings (1,289,200 Total)

- 97,100
- 50,700
- 134,700
- 218,500
- 209,600
- 39,200
- 40,300
- 118,100
- 39,600
- 8,300
- 43,500
- 196,900
- 44,400
- 2,500
- 1,400

Range for Job Trends (Indeed.com, 2006-13)



Mission Statement (Eliance)

The Mission of the School of Information Sciences is to support and advance the mission of the University through the **discovery, development, management, dissemination and utilization of information as a resource**, which is both the foundation upon which all human endeavors are built and the greatest driver of advancement and change in societies, states, organizations **and our lives and livelihoods in the future.**

Elements of SIS Plan

- Undergraduate education
 - Increase number of required courses
 - Increase rigor and depth
 - Expand on specializations (e.g., digital curation and data science)
- Master's programs
 - Adapt specializations to workforce trends
 - Enlarge opportunities for gaining practical experience
- Doctoral programs
 - Provide teaching experience (Teaching Fellows)
 - Recruit to signature research areas
- Strategic hiring of new faculty
 - Signature research areas
 - Professors of practice
- Diversity
 - i3 program as pipeline
 - Expanded, targeted student recruitment
- Identity
 - Collaborative research
 - Signature areas of specialization
- Facilities
 - Collaborative spaces on 3rd and 8th floor renovated
 - First floor entry area next

What's NEXT?

- Understanding our local, national, and global context
- Capitalizing on our strengths
- Recognizing new opportunities
- Defining our future