Working with Data at its Source: Partnering with Researchers to Share Their Data for Archiving and Discovery

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1st Annual North American DDI Users Conference

April 2, 2013

Topics/Themes Covered

- Data Sharing – Why and How?
- Case Study – data.stanford.edu
- Issues for the DDI Community

Data Depression or Opportunity?

Study of social and behaviorial scientists awarded NIH or NSF grants who collected research data (1985-2001)

- »43.9% only with their research team
- »44.6% shared informally
- »11.5% deposited data in an Archive or IR

Pienta, Alter, and Lyle, "The Enduring Value of Social Science Research: The Use and Reuse of Primary Research Data," paper presented April, 2010

There's a lot of data out there at-risk of being lost !!

Incentives for Data Sharing

- Grant Funding (DMPs) – NSF, NIH, NEH, etc.
- Open Access movement
- Best Practices – Associations & Publishers
- Economical – Secondary Research
- Better Science – Replication & Transparency
- Institutional Repositories

BUT… Faculty/PIs are very busy folks !!

Data Sharing Starts with the Researcher, But…

- Curriculum
- Academic Incentives (Tenure, Data Citations)
- Data "hoarders"
- Lack of time, resources, and expertise
- "Culture of research" inertia

Case Study – data.stanford.edu

Pilot with Professor Michael Rosenfeld (Sociology)

- »"Painless" creation of Metadata
- »Quick turnaround for public data access

<< data.stanford.edu >>

- »Long-term Preservation

<< Inter-university Consortium for Political & Social Research (ICPSR)>>
<< Stanford Digital Repository (SDR) >>

Data Metadata

Title	
Citation	Abstract, Principal Investigator, Funding Agency, Bibliographic Citation, Contact Email
Description	Introduction, Acknowledgements
Methodology	Universe, Unit of Analysis, Type of data collection, Time span, Time of data collection, Geographic coverage, Smallest geographic unit, Sample description, Sample response rate, Weights
Documentation	Document file(s), Web site or document download link(s)
Data Download Link(s)	Data file(s)
Notes	Errata, Data Notes
News	News Coverage

data.stanford.edu

STANFORD UNIVERSITY | SSDS SOCIAL SCIENCE DATA COLLECTION

DATA

SULAIR

- Ethnic Collective Action in Contemporary Urban U.S.
- How Couples Meet and Stay Together

USER LOGIN

Username: *

Password: *

Log in

Create new account

Request new password

Welcome to the SSDS Social Science Data Collection!

Stanford University Libraries & Academic Information Resources (SULAIR) works with Stanford researchers to archive and redistribute social science research data created by the Stanford community via the Social Science Data and Software (SSDS) Data Collection. A unit within the Library's Digital Initiatives Group (DIG), SSDS provides resources and consulting for research and instruction in the social sciences.

- **Select a data title to the left to view its description and other useful information.**
- **To download data, login to your SSDS user account.**
- **Create your SSDS user account by clicking on the "Create new account" link under the User Login section to the left.**

For questions about a particular dataset, please submit your queries to the "Contact Email" listed for that dataset.
For questions or problems about this web site, or if you are interested in **depositing your Stanford data** or would like like to meet to consult on your grant proposal's **Data Management Plan (DMP)**, please contact Ron Nakao at SSDS at consult-ssds@lists.stanford.edu.

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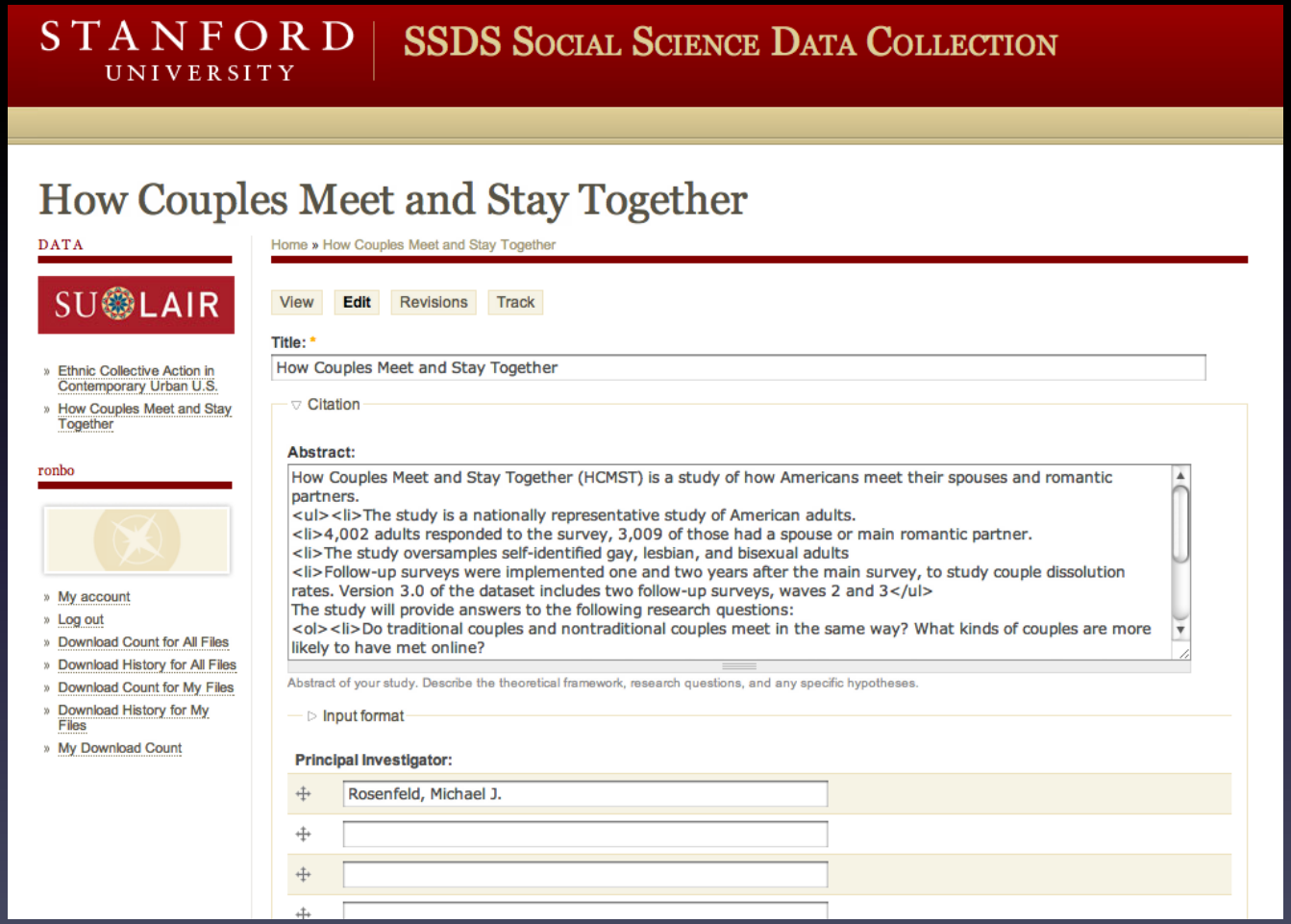
Drupal

Data entry form



Lessons from data.stanford.edu

- Quick development, enhancement, and data availability (Drupal)
- **Active PI/RA involvement & metadata creation**
- Ownership & "freshness" of PI's data page
- Easy referral (customized URL), usage stats, and contact lists provided ongoing value for PI
- 9,249 hits of Rosenfeld data page with 235 data downloads

Issues for the DDI Community

- Faculty are busy and their "culture of research" is difficult to change.
- Incentive for change: saving time
- Incentive for change: making research easier
- Incentive for change: quick gratification
- Incentive for change: doing stuff they would like to do