

Cat Among the Data: Encouraging Researchers to Deposit Data

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Background

- ICPSR Official and Designated Representatives for Emory University
- “The Sleuthful Data Steward” presentation from the 2015 ICPSR OR meeting:
<https://youtu.be/McBGP8zZ24c>
- LEADS data provided when the ICPSR visited Emory in 2015 to run day-long data curation workshops



<http://www.pspminis.com/forums/topic/members-as-animals>

Our “LEADS” list

Sources*:

- NSF and NIH awards databases
- ICPSR shared data on Emory awards of interest from LEADS database
- ICPSR’s research: “Evaluating Impact of the 2009 American Recovery and Reinvestment Act on Social Science”
- ICPSR collection development policies

*links on final slide



<https://nextshark.com/meatball-cat-hong-kong-coupe-comes-up-with-genius-solution-for-fat-food-stealing-cat/>

Compiling our “LEADS” list

Ran queries on sources:

NIH

- initial query for awards with start dates \geq 01/01/2006 produced over 4700 awards
- 6636 awards for a total amount of \$2,591,000,957 when query was run to include 2005 and 2017

NSF

- 235 awards with start dates \geq 01/01/2005 (initial downloads on 02/21/2016)
- 284 awards for a total amount of \$116,220,623 when we ran query again to include 2017

Narrowing list

- limited to NSF awards for 2005 onward from the Directorate for Social, Behavioral & Economic Sciences (SBE): 70 awards
- focused on SBE for various reasons
 - Emory SBE recipients have closer ties to our library
 - Social & Behavioral Sciences orientation tends to align with ICPSR collection policies



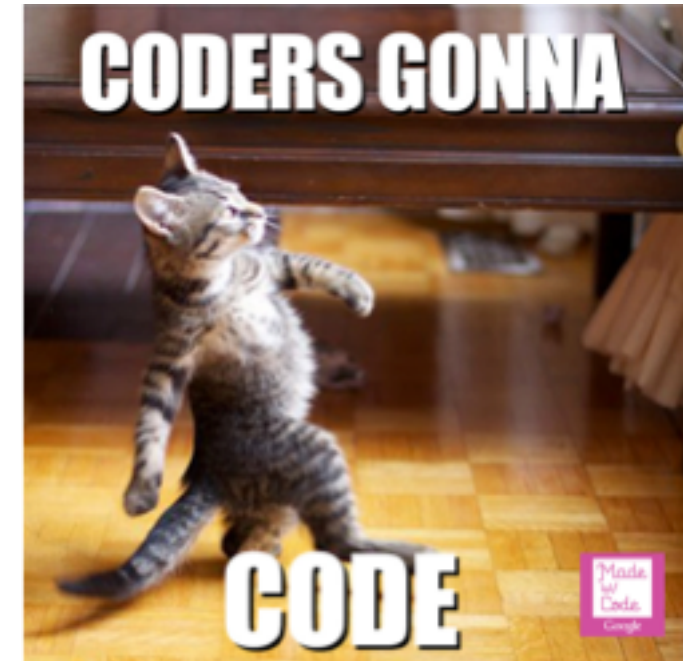
https://www.buzzfeed.com/harpercollins/13-signs-your-cat-is-secretly-a-detective-9npd?utm_term=.fob7L6IPON#.acA2WGK5LB

Coding list

- PI department affiliations
- Pre- and post-2011 NSF mandate for DMPs
- ICPSR collections policies - priorities were highlighted
- Awards appeared in LEADS data shared by ICPSR
- Comments to further narrow list to best leads

Already limited on:

- Date ranges
- NSF directorate



<http://javascript-html5-tutorial.com/wp-content/gallery/fun-memes/coders-gonna-code-hell-yeah.png>

A	B	C	D	E	F		AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL
AwardN	Title	NSFC	Program	StartDate	Sta		post	Sexu	Bully	Soci	Immi	Indiv	Long	Inter	Comments	Contact	LEADS
0550376	Doctoral Dissertation Improvement Project: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	BCS	CULTURAL	07/01/2006	2006	ig industrialized countries at 58.3 years for males and 71.8 years for females.	0	0	0	0	0	1	0	1	And timely, given the current debate on the role of women in the workplace.	Yes	
0550387	Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	SES	LAW AND SOC	07/15/2006	2006	earch on the causes of such violence in non-Western settings is needed.	0	0	0	0	0	1	0	1	Would like to talk with you about this.	Yes	
0553581	Oxometal Complexes and Redox Processes in the Environment	CHE	PHYSICAL	03/01/2006	2006	al metaloxo complexes of the coinage- and noble-metal elements											
0603055	Materials World Network: Funding the yielding and flow of soft materials is of crucial importance	DMR	CONDENSED	06/01/2006	2006	inding the yielding and flow of soft materials is of crucial importance											
0613159	Doctoral Dissertation Improvement Project: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	BCS	CULTURAL	09/01/2006	2006	al with the barriers to eradication in Pakistan. Graduate student, M. Raza, is currently working on a project on the role of women in the workplace.	0	0	0	0	0	1	0	1	File this one away. It is a good example of a project that is both timely and relevant.	File Away	
0615409	Doctoral Dissertation Improvement Project: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	BCS	ARCHAEOLOGICAL	05/01/2006	2006	steological analyses. Machu Picchu was an Inca royal estate built in the 15th century.	0	0	0	0	0	0	0	1	ICPSR would be interested in this.	No	
0615534	RIG: Co-orthologous ABC Transporters in Arabidopsis and Rice	MCB	BROADENING	09/15/2006	2006	ber of a plant-specific gene family that includes 8 Arabidopsis and 5 rice genes.											
0616097	Refinement of an Inhibitory Interleukin-1 Receptor Antagonist	IOS	DEVELOPMENTAL	08/01/2006	2006	ily specify every detail of a neuron's connectivity. This process has been a major goal of neuroscience.											
0616383	Simulation and theory of molecular dynamics in mixed bilayers and bicelles. The project is partially supported by the National Science Foundation.	CHE	Molecular Biology	07/01/2006	2006	in mixed bilayers and bicelles. The project is partially supported by the National Science Foundation.											
0618368	Collaborative Research: Representation of the politics of race, ethnicity, and gender in the U.S., not the least of which is the role of women in the workplace.	SES	POLITICAL	06/15/2006	2006	he politics of race, ethnicity, and gender in the U.S., not the least of which is the role of women in the workplace.	0	0	0	0	0	0	0	0	Beth was working on this. It is a good example of a project that is both timely and relevant.	File Away	Yes
0621662	Doctoral Dissertation Improvement Project: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	BCS	CULTURAL	06/01/2007	2007	he available. Education, and especially girls' education, has been a major goal of neuroscience.	0	0	0	0	0	1	0	1	interesting. It is a good example of a project that is both timely and relevant.	File Away	
0622399	Doctoral Dissertation Improvement Project: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	BCS	Biological Anthropology	08/15/2006	2006	present in Europe but was previously confused with other diseases	0	0	0	0	0	1	0	0	ICPSR's cup of tea.	No	
0623951	Integrating Models of Trust, Goals, and Social Networks	ILIS	DIGITAL SOCIAL	08/24/2005	2005												
0625237	Collaborative Research: Cyber Security and the Role of Women in the Workplace	CHE	CHEMICAL	09/01/2006	2006	Program. This collaborative project establishes a center for research on the role of women in the workplace.											
0626191	Collaborative Research: Drag Rules for Quasi-Static Granular Media	CBET	PARTICULAR	09/01/2006	2006	search: Drag Rules for Quasi-Static Granular Media Experimental											
0648726	Doctoral Dissertation Improvement Project: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	BCS	Biological Anthropology	07/15/2007	2007	ifaka a particularly appropriate species for examining female manipulation of relationships. This study will evaluate that hypothesis by comparing the role of women in the workplace.	0	0	0	0	0	0	0	0	buttons, but could be a good example of a project that is both timely and relevant.	No	
0648757	Doctoral Dissertation Improvement Project: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	BCS	Biological Anthropology	03/01/2007	2007	manipulate relationships. This study will evaluate that hypothesis by comparing the role of women in the workplace.	0	0	0	0	0	0	0	0	does anything for the role of women in the workplace.	No	
0650437	Doctoral Dissertation Improvement Project: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	BCS	CULTURAL	04/01/2007	2007	port, and military service. She will compare how Anglo- and Mexican-American women in the workplace.	0	0	0	0	1	1	0	0	Depending on the role of women in the workplace.	File Away	Yes
0653382	Study of homogeneous space-time fields and function	DMS	ALGEBRA	07/01/2007	2007	K defined over a 2-dimensional field:- number fields and function											
0653502	Semisimple groups and cohomology	DMS	ALGEBRA	07/01/2007	2007	re, M. Rost, and the PI, and new cases would be of great interest.											
0653681	Conference: Linear algebraic groups and cohomology	DMS	ALGEBRA	04/01/2007	2007	rl> Some main themes of the conference are cohomological											
0701533	Doctoral Dissertation Research: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	SES	SOCIOLOGICAL	03/01/2007	2007	Public schools are one of the most important social institutions in the U.S., not the least of which is the role of women in the workplace.	0	0	0	0	0	0	0	0	buttons, but could be a good example of a project that is both timely and relevant.	File Away	
0703899	NSF Inorganic Chemistry Workshop: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	CHE	PHYSICAL	04/01/2007	2007	anic chemistry evolved from the traditional disciplines of organic, solid											
0706985	Quantile Regression With Time-Varying Covariates	DMS	STATISTICS	07/01/2007	2007	offering flexibility in accommodating heterogeneous association as											
0711371	Collaborative Research: Human Factors in the Design and Use of	BCS	Biological Anthropology	08/15/2007	2007	anufacture and use, and behavioral flexibility, it is necessary to	0	0	0	0	0	0	0	0	pushes the	No	
0717608	Poverty, Social Change, and Social Networks	BCS	CULTURAL	09/01/2007	2007	g an unprecedented exposure to new possibilities for living. For	0	0	0	0	0	1	0	1	interest. Again,	File Away	
0718010	Renewal: Social Modification of Behavior	IOS	ANIMAL BEHAVIOR	07/15/2007	2007	ire in (such as whether they are hungry, distressed, fearful, or											
0719945	Doctoral Dissertation Research: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	SES	LAW AND SOC	09/01/2007	2007	wo research questions. First, under what conditions does Congress	0	0	0	0	0	0	0	0	politics grant.	No	
0720761	CSR - AES Integrative Approach to the Study of the Role of Women in the Workplace	CNS	INFORMATICS	08/01/2007	2007	Strategies to reconcile different resource classes, and to											
0723805	Neuroendocrine Basis of Behavior	IOS	MODULATING	09/01/2007	2007	oratory settings, have established that individuals with a white stripe											
0724759	CMG Collaborative Research: Integrating Models of Trust, Goals, and Social Networks	DMS	OPPORTUNITIES	09/01/2007	2007	ysical property of the earth. The data are processed and inverted to											
0725269	Collaborative Research: Integrating Models of Trust, Goals, and Social Networks	BCS	HUMAN ORGANIZATION	09/01/2007	2007	t the factors affecting the shape of our anatomy have advanced	0	0	0	0	0	0	0	0	pushes the	No	
0728326	Doctoral Dissertation Research: Gender and Attitudes about Gender and the Role of Women in Industrialized countries at 58.3 years for males and 71.8 years for females.	SES	SOCIOLOGICAL	03/01/2007	2007	is especially evident in the case of the, as exemplified from a	0	0	0	0	0	0	0	0	Also,	No	

And the winners are...



https://www.huffingtonpost.ca/entry/grumpy-cat-lifetime-achievement-friskies-_n_4117518

Subject librarian collaboration

- Involving subject librarians is an outreach “best practice”
 - Internal goal to further collaborate with our Scholarly Communications Office
- At Emory, we chose librarians who
 - participated in our RDM Task Force
 - are liaisons to departments with PIs on select awards



<http://www.askamanager.org/2015/03/weekend-free-for-all-march-28-29-2015.html>

Case studies



<https://www.koreus.com/image/109-insolite-05.html>

Case Study #1

- Sociology professor, Irene Browne
- Background: deposited data with ICPSR in past; invites data librarian to course sessions; direct consultations for her research
- Brief award summary: qualitative data (interviews focusing on immigrant experiences with discrimination and mobility – relates to an ICPSR collection priority)

https://www.nsf.gov/awardsearch/showAward?AWD_ID=1125539

Case Study #1

- Sociology professor, Irene Browne
- Considerations and concerns: confidentiality, de-identification of data
- Outcome: existing data – not comfortable sharing for confidentiality reasons; *BUT* she was working on a new NSF proposal, so we connected her with ICPSR for discussion and letter of support to place any resulting data from that award in the ICPSR data archive

Case Study #2

- Political Science professor, Micheal Giles
- Background: award flagged for interest by ICPSR; invites data librarian to course sessions; direct consultations for his students' research
- Brief award summary: coding En Banc court hearings for cases heard by Appeals Courts in their entirety

https://www.nsf.gov/awardsearch/showAward?AWD_ID=0848235

Case Study #2

- Political Science professor, Micheal Giles
- Considerations and concerns: approaching retirement, still cleaning data and preparing codebook, supplementing data, and planning future publications
- Outcome: didn't decline, but preoccupied with all the above concerning the data

Case Study #3

- Anthropology professor, Craig Hadley
- Background: received multiple NSF awards for research on food security in developing countries; international focus, plus health and migration topics align with ICPSR collection policies
- Brief awards summary: food insecurity in refugee communities, and effects on mental health; ecological conditions' effects on food security

https://www.nsf.gov/awardsearch/showAward?AWD_ID=0801065

https://www.nsf.gov/awardsearch/showAward?AWD_ID=1328245

https://www.nsf.gov/awardsearch/showAward?AWD_ID=1560458

Case Study #3

- Anthropology professor, Craig Hadley
- Considerations and concerns: collaborative nature of research, sensitivity of spatial data resolution, subjects' informed consent at time of collection
- Outcome: interested, but had fair amount of documentation and related work to do

Conclusions

- ICPSR work in this area already is helpful – LEADS data, collection policies and priorities for acquiring data
- Our approach worked for identifying locally produced datasets of interest
- Alternatives for data sharing – our local Dataverse could be suitable when data are outside ICPSR collection priorities
- Time is the most valuable commodity in faculty professional lives – there is interest in sharing data, but need more support to find time to clean and document their data

Conclusions

- Importance of established working relationships between librarians and faculty
- Organizational structure poses a challenge to coordination
 - communication across units
 - time: finding the time for things that are not part of their core duties



Future Directions

- Needs of researchers informing our services
 - Support for data cleaning?
 - Support for data documentation?
- Alternatives for data sharing – reaching out to researchers about our local Dataverse when their data are outside ICPSR collection priorities
- NIH awards



Questions?



<https://www.pinterest.ch/pin/497929302530049265/>

References

- NSF awards list search:
<https://www.nsf.gov/awardsearch/advancedSearch.jsp>
- NIH RePORTER awards database:
<https://projectreporter.nih.gov/reporter.cfm>
- openICPSR: <http://doi.org/10.3886/E100004V4> -
"Evaluating Impact of the 2009 American Recovery and Reinvestment Act on Social Science"
- ICPSR collection-development policies:
<https://www.icpsr.umich.edu/icpsrweb/content/data-management/policies/coldev.html> (see "High-Priority Data" for areas of interest)



<http://cosmiccauldronbooks.com.au/p/cat-among-pigeons-agatha-christie/>