

NORC DATA ENCLAVE NEWSLETTER

JULY 2008

UPDATE ON RESEARCH AT THE ENCLAVE

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NUMBER OF ENCLAVE RESEARCHERS NEARS 50

The Data Enclave now has approximately 50 active researchers working on more than 40 different projects, ranging from studies of knowledge development, innovation, strategic alliances, and joint ventures using NIST's data to research on entrepreneurship and new business startups using Kauffman Firm Survey data to projects informing dairy farmers' decisions to purchase versus growing their own forage using USDA ARMS data.

NEW VERSIONS OF SAS AND STATA SOON AVAILABLE

SAS Release 9.2 will soon be available to users in the Data Enclave. Jackknife and BRR variance estimation and domain analysis are now provided by all of the survey data analysis procedures. This is particularly useful to those who analyze complex survey data. This latest version can provide replicate weights for the new replication methods with a REPWEIGHTS statement or the procedure can construct the replicate weights. This will save analysts a lot of effort and simplify their code over having to write macros to perform jackknife variance estimation. Other new features include new procedures, options, ODS Statistical Graphics, and SAS Stat Studio. Details can be seen at <http://support.sas.com/software/index.html>. I

In addition, Stata 10.0 soon will be available to enclave researchers. Details on new functionality may be found at

<http://www.stata.com/help.cgi?whatsnew9to10>

PROGRAM EXPANSION

The Data Enclave is in its third year of sponsorship by NIST-TIP. In September, the enclave will enter its third year of sponsorship by USDA-NASS-ERS as well as its second year of sponsorship by the Kauffman Foundation.

In addition, the Data Enclave is in discussions with several government statistical agencies and foundations interested in joining the enclave. Program expansion news is likely to be announced in September/November '08.

NEW CONTACTS

Enclave staff are collaborating with the following new partners to the enclave, including:

- * University of Pennsylvania, Population Studies Center
- * UK Data Archive
- * Chapin Hall Center for Children

SPECIAL POINTS OF INTEREST:

- **Researcher Viewpoint**
- **Kauffman Sponsors Professional Development Workshop**
- **Announcement of NIST & Kauffman Research Awards**

RESEARCHER VIEWPOINT: JEFF GILLESPIE, LSU

Access to ARMS via the data enclave has been very helpful to my research program. I spent the 2006-07 academic year on sabbatical at USDA-Economic Research Service, where I was granted access to ARMS and learned about the dataset and its associated recommended statistical procedures. This allowed a relatively quick start with the data via the enclave. Had I returned to LSU without data access, my productivity in the ongoing research program would have been hampered. While I could have relied on collaboration with my ERS colleagues to run the econometric

models, access via the enclave allows me to run the models myself, improving my ability to contribute to the collaboration in a more productive way. Several papers based upon enclave analysis are in the works; one that has been accepted for presentation at the NAREA meetings in June deals with dairy farmers' decisions to purchase versus growing their own forage.

**NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY:
TECHNOLOGY INNOVATION PROGRAM UPDATE**

NIST-TIP distributed scholarship awards to researchers to conduct research on ATP data within the Data Enclave. Awardees traveled to NORC's Bethesda office March 28, 2008 to participate in a 1-day, onsite researcher training session. NIST-TIP researcher topics generally fell under the following domains:

KNOWLEDGE & INNOVATION

Benjamin Campbell (Ohio State University) and Preeti Banerjee, (Brandeis University) *Human Capital Complementarities: The Role of Generalists and Specialists in Innovation*

Lisa M. Russell (University of N. Texas) *The Impact of Crisis Events on the Knowledge Creation-Innovation Process: An Integrated Perspective*

STARTUPS & STRATEGIC ALLIANCES

Jade (Yu-Chieh) Lo, Ph.D. Candidate Management & Organization (University of Southern California) *Too Much of a Good Thing? Meaning Construction, Resource Mobilization and Field Emergence*

Franz T. Lohrke (Samford University) and Barbara Bird, Ph.D. (American University).

Measuring the Liability of Newness: An Empirical Investigation &

Breaking Up Is hard To Do: Examining the Role of Partner Goal Change on Strategic Alliance Outcomes and Measuring the Liability of Newness: An Empirical Investigation

Laura I. Schultz, University at Albany, College of Nanoscale Science and Engineering.

The Evolution of High-tech startups & Exploring the Technology Innovation Process in Startup and Small Firms

JOINT VENTURES

John Cullen (Washington State University). *The Facilitation and Performance Implications of Radical Innovation in Joint Ventures*

Jean Johnson (Washington State University). *Driving Collateral Learning from Joint Ventures*



USDA NATIONAL AGRICULTURAL STATISTICS SERVICE & ECONOMIC RESEARCH SERVICE UPDATE

NEW NASS ADMINSTRATOR

On June 27, 2008 Cynthia Clark was named Administrator of the USDA's National Agricultural Statistics Service (NASS). Clark recently directed statistical research and survey methodology for the UK's Office for National Statistics and, prior to that, at the U.S. Census Bureau. Clark, who previously spent 13 years working on the Census of Agriculture and serving as the Director of the NASS Census and Survey Division, will "further NASS's mission of providing timely, accurate and useful statistics is vital to the entire agricultural community."

FIRST NASS/ERS REMOTE TRAINEE

Dayton Lambert, Assistant Professor Department of Agricultural Economics at the University of Tennessee-Knoxville is the most recent researcher to join the USDA Data Enclave. Dr. Lambert also served as the first enclave researcher to be trained remotely from USDA's Tennessee State Office.

USDA ENCLAVE EXPANSION & SCHOLARSHIP FUNDING

USDA recently announced that it will be providing additional funding to the Data Enclave

to train and support up to 10 new USDA researchers who will participate in a 1-day remote training session tentatively scheduled for September/November '08. The additional funding provides an opportunity to expand on the USDA's Data Enclave which seeks to improve the efficiency and effectiveness with which sensitive micro-data are managed and accessed. Specifically the new funding will:

- * Increase capacity to accommodate up to 20 research participants gaining access to sensitive micro data in a secure collaborative environment with available online discovery tools and a suite of statistical and other data applications;
- * Experiment with financial incentives to increase participation in the Data Enclave collaboratory; and
- * Create scholarships through a research development funding program to promote projects that contribute to USDA's public sector mission, contributing to a further understanding of the agriculture sector and providing information on the diversity of agriculture and the economic



UPDATE FROM THE KAUFFMAN FOUNDATION

Ewing Marion
KAUFFMAN
Foundation

The Kauffman Foundation conducted its first Data Enclave training session March 28th at NORC's Bethesda MD office. Twelve researchers traveled from various parts of the country to participate, including: Fabrice Cavaretta (INSEAD), Susan Coleman (Univ. Hartford), Jared DeLisle (Florida State Univ.), David Desplaces (College of Charleston), Augustine Dzathor (Jackson State Univ.), William Forster (Univ. of Virginia), Darrene Hackler (George Mason Univ.), Ethan Lewis (Dartmouth College), Catherine Mann (Brandeis Univ.), Paul Reynolds (Florida International Univ.), Paroma Sanyal (Brandeis Univ.), Sheryl W. Smith (Univ. of Minnesota)

In June, the Kauffman Foundation made four additional awards stemming from its latest Call for Proposals to join the Kauffman Data Enclave. Awardees include Charlie Braymen (Kansas State Univ.), Harold Frieder and team (Union College), David Robinson (Duke Univ.), and Robert Scott (Monmouth Univ.). Below are examples of currently funded research efforts.

ENTREPRENEURSHIP

- * Relationship Between Globalization & Entrepreneurship (Braymen)
- * An Index of Entrepreneur Success (Frieder team)
- * Business Dynamics & Innovative Entrepreneurship: The Role of Financing in Innovation & Performance in Entrepreneurial Firms (Winston-Smith)

- * Impact of Entrepreneurial Team Diversity on Performance Variability (Cavaretta)

NEW BUSINESSES/STARTUPS

- * Toward a New Pecking Order? The Capital Structure Decisions of Nascent Firms (Robinson)
- * Understanding Startups (Sanyal/Mann team)
- * Local Labor Market Endowments, New Business Characteristics, and Performance (Lewis team)
- * Influences and Determinants of Small Businesses' Credit Card Debt (Scott)
- * The Founding Partnership (Forster)
- * Capital Structure Determination of New Firms (DeLisle)
- * Nascent Enterprise Survival and Performance: (Dzathor)
- * Linking Activity Indicators of Newly Established Businesses to Regional Venture Capital Activity (Desplaces)

GENDER FOCUSED

- * Women Owned Firms: A Comparison of Firm, Owner, and Financing Characteristics by Gender (Coleman team)

KAUFFMAN SPONSORS

PROFESSIONAL DEVELOPMENT WORKSHOP AT THE 2008 ANNUAL AOM MEETING IN ANAHEIM, CA

The Kauffman Foundation will be sponsoring a professional development workshop on August 8, 2008, from 3-6 pm at the Academy of Management (AOM) meetings in Anaheim, CA. The workshop will discuss new ways that are being developed both nationally and internationally to promote researcher access to business microdata – particularly researchers who are geographically dispersed. This PDW is intended to introduce attendees to a new modality, the NORC Data enclave (<http://www.norc.org/DataEnclave>) and one of the datasets in the enclave:

the Kauffman Firm Survey.



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ENCLAVE STAFFING UPDATE

Kyle Fennell has re-joined the Data Enclave staff. Fennell, a veteran survey director and metadata expert, will work in tandem with Pascal Heus as a creative lead for the project focusing on the development and deployment of cutting edge technologies from the user perspective. In addition, Ben Oren, undergraduate student at the University of Chicago, has joined the project as a summer intern. Ben, who will complete his final year as a sociology major, will focus his attention on expanding the researcher laboratory.

CHET BOWIE NAMED ASA FELLOW

NORC Senior Vice President Chet Bowie has been selected as a Fellow of the American Statistical Association (ASA). Each year, ASA members nominate their peers to receive this honorary title. The ASA By-Laws state that "By the honorary title of Fellow the Association recognizes full members of established reputation who have made outstanding contributions in some aspect of statistical work." Given annually, this is a great honor as the numbers of recipients are limited to no more than 1/3 of 1% of the ASA membership.

PRESENTATIONS AND BACKGROUND REPORTS

FEBRUARY 25, 2008

Julia Lane presented at the NASS Advisory Committee meeting in Louisville, Kentucky

FEBRUARY 29, 2008

Tim Mulcahy and Chet Bowie presented on Virtual Collaboratories at the National Science Foundation's "Workshop on Linking NSF Scientist and Engineering Data to Scientific Productivity." Arlington, Virginia.

MARCH 7, 2008

Tim Mulcahy and Chet Bowie presented at the Council of Professional Associations on Federal Statistics (COPAFS) Quarterly Meeting at the Bureau of Labor Statistics, Washington DC.

MARCH 18, 2008

Tim Mulcahy presented at NIST-TIP's Expedition Workshop/Technology Program Evaluation 2008, Collaborative Expedition #71: Methodologies from the Advanced Technology Program: National Science Foundation, Arlington, Virginia.

MAY 22-24, 2008

Julia Lane participated on a plenary panel on Confidentiality at the Comparative Analysis of Enterprise Datasets Conference in Budapest, Hungary.

MAY 24, 2008

Tim Mulcahy and John Nieszal presented at the Citrix Synergy 2008 Annual Conference: "Data Security Secrets from the

Field," Houston, Texas.

MAY 27-30, 2008

Tim Mulcahy participated on a panel session on "Data Security and Access at the 2008 International Association for Social Science Information Service and Technology Annual Conference. Stanford University, California.

JUNE 17, 2008

Tim Mulcahy presented at the Council on European Social Science Data Archives (CESSDA) Workshop on "How the CESSDA Infrastructure Can Utilise Grid Technologies and E-Social Science Methodologies to Provide Pan-European Services" in Manchester, United Kingdom.

AUGUST 5, 2008

Julia Lane, Chet Bowie, and Tim Mulcahy will be presenting papers on NORC data enclave training and lessons learned from providing remote access to business level microdata at the Joint Statistical Meetings in Denver, Colorado.

AUGUST 8, 2008

Together with the Kauffman Foundation, NORC will host a workshop on accessing business data at the Academy of Management meetings in Anaheim California.

AUGUST 8, 2008

The Kauffman Foundation will conduct a Data Enclave training session at the Academy of Management meetings in Anaheim California.