

ICPSR

2011-2012 Annual Report



Building on 50 Years of Leadership

In 2012, [ICPSR celebrated the 50th anniversary](#) of its founding by Warren Miller, a ground-breaking University of Michigan political scientist.

While storage media may have changed since 1963 — from punch cards to magnetic tape to compact discs to hard drives and cloud storage — ICPSR's commitment to data sharing for the benefit of the social science research community remains strong.

As this report shows, ICPSR is well-positioned for the next 50 years and beyond.

Thanks for reading our 2011-2012 annual report! Please contact us at dmeisler@umich.edu with any comments or suggestions.

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From the Director

George Alter



On the occasion of ICPSR's 50th Anniversary, we should remember that our founder Warren Miller foresaw benefits from the Consortium that went far beyond sharing and preserving data. In 1976 he wrote: "The somewhat romantic concept of the invisible college of scholars is being replaced by an equally exciting but probably much more real and visible collectivity of scholars who

are knowingly joined together intellectually by virtue of shared access to archived bodies of data central to their common intellectual endeavors."¹ ICPSR today brings social scientists together across both national and disciplinary boundaries. We are proud to serve all of the social sciences and to be taking a leading role in creating the visible collectivities that Warren Miller anticipated.

The ICPSR Bibliography of Data-related Literature is one of the places that interdisciplinary collectivities can be formed. The Bibliography includes more than 60,000 articles, dissertations, and other publications linked to studies in our repository. Researchers can find authors who share their interest in a dataset from a wide range of disciplines. For example, the American National Election Study (also founded by Warren Miller) has generated publications in more than 150 journals from *Administration and Society* to *Youth and Society*.

Soon, scholars will be able to find links between ICPSR data and publications in a variety of other venues. In June, Thomson Reuters announced the Data Citation Index, a new online service that will be a part of their Web of Knowledge. ICPSR has been working

with Thomson Reuters to include the links between publications and data in our Bibliography in this new service. When a researcher discovers a publication based on a study at ICPSR, one click will take them to our Web site where they can download the data. This new capability relies on ICPSR's leadership in assigning digital object identifiers (DOIs) to our data, which provide direct links to specific studies in our collection.

ICPSR's role in creating new communities of scholarship is most visible during our Summer Program in Quantitative Methods of Social Research. In 2012, the Summer Program enjoyed its third consecutive year of record attendance with 1,045 participants. That is an increase of 155 from the year before, and marks the first time the program has attracted more than 1,000 people. The program offered a record number of courses (75) and held workshops in new locations, like the University of Colorado-Boulder. We also introduced new training on data stewardship with "Applied Data Science: Managing Data for Re-Use" and "Assessing and Mitigating Disclosure Risk: Essentials for Social Scientists."

Our 50th Anniversary has been a year of celebrating the vision of our founders and the Consortium's continued growth and success. We held events at professional associations to invite the scholarly community to join our celebration, as well as on-campus events for our local community at the University of Michigan. These events culminated in a banquet where the current staff was joined by leaders and staffers from every period of the Consortium's history.

It has been an honor and a pleasure to serve as Director during these exciting times, when we can simultaneously look back on our past and build for our future. We look forward to continued growth and service to the social science community for the next 50 years.

1. Warren E. Miller, "The Less Obvious Functions of Archiving Survey Research Data," *American Behavioral Scientist* 19 (1976): 410-11. DOI: 10.1177/000276427601900403

From the Council Chair

Rogelio Saenz



After serving two years as a member of the ICPSR Council, it is a great pleasure to have been selected to chair the Council. I have had the wonderful opportunity of witnessing first-hand the many exciting things that are going on at ICPSR. Of course, the highlight was the year-long celebration of ICPSR's 50th anniversary culminating in the remarkable events and banquet this past June that

brought together contemporary and past ICPSR staff, directors, Council members, as well as Council chairs. It was an extraordinary moment to reflect on the great accomplishments of ICPSR over the last half-century and the tremendous growth that it has experienced, beginning with 21 universities and now boasting a membership of more than 700. ICPSR continues to explore ways to increase its membership with new potential targets being predominantly community colleges and minority-serving institutions.

There are a variety of other exciting activities and developments that took place at ICPSR over the last year. In particular, the ICPSR Council is extremely pleased with the leadership, stability, and vision that George Alter has provided ICPSR following his appointment as the ICPSR director in July 2011, after a couple of years of serving as interim director. George is an accomplished scholar and administrator who will successfully lead ICPSR as it deals with the many exciting challenges and opportunities over the coming years. Naturally, behind every capable and successful leader there is an exceptional staff. The Council is consistently in awe of the tremendous skills, commitment, and dedication of the ICPSR staff, many of whom have dedicated a significant part of their lives to ICPSR.

One area of ICPSR that has experienced progressive growth over the last several years is the ICPSR Summer Program. Led by Director William Jacoby, the Summer Program saw its enrollment exceed 1,000 for the first time in its history this past summer. The program has made a variety of important changes that have helped it adjust to new audiences and statistical and methodological approaches. In particular, it has added new courses, expanded the disciplines from which it draws participants, held classes across several sites

throughout the country, and widened its net to attract international participants. The Summer Program continues to place a priority on expanding its reach to attract students and instructors of color and from other underrepresented groups. The addition of a five-day workshop titled "Health Disparities Research and Minority Populations" in the summer of 2012 attracted a large number of applicants.

In addition, ICPSR continues to play a leading role in several areas, including data preservation and archiving, digital curation, the protection of human subjects and confidential information, digital object identifiers (DOIs), the Data Documentation Initiative (DDI), and the archiving of new forms of data such as information in video format (e.g., the massive Gates-sponsored Measures of Effective Teaching study). ICPSR also continues to explore ways to archive qualitative data.

Moreover, ICPSR continues to broaden its collection. This expansion will undoubtedly increase significantly given the requirement of the National Science Foundation (NSF) that its principal investigators make their data available to the research community. This new development brings tremendous challenges as well as opportunities to ICPSR. We have seen a significant increase in the number of requests that ICPSR receives regularly as principal investigators incorporate archiving plans into their proposals submitted to NSF. The expansion of the collection of data is also occurring through the efforts of the Resource Center for Minority Data (RCMD), under the direction of John Garcia.

Furthermore, ICPSR continues to expand its reach globally in various ways. For example, in the last year ICPSR participated in several important international conferences related to its mission. Similarly, ICPSR regularly hosts directors of research and data organizations during its Council meetings. This venue provides an excellent opportunity for ICPSR to exchange ideas and practices with its international counterparts. One of ICPSR's newest initiatives seeks to increase its membership and data collection from Latin America, particularly Mexico. Mary McEniry, director of ICPSR's Data Sharing for Demographic Research, is spearheading a committee which has already been engaged in discussions with key contacts in Latin America.

Also, ICPSR has undertaken efforts to examine its structure and to better prepare for a shifting labor force. In particular, ICPSR just completed a position assessment review across the organization, which

From the Council Chair (continued)

Rogelio Saenz

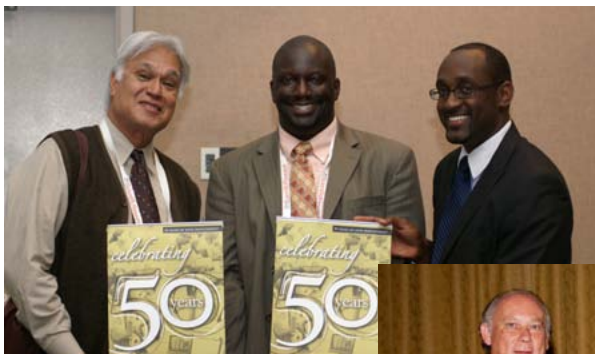
resulted in some reassignments and shifting of personnel duties. During the last Council meeting in June 2012, Council approved a plan for expanding racial and ethnic diversity across the organization, an effort capably led by Human Resources Director Rita Bantom.

Finally, ICPSR is currently examining its last strategic plan which Council adopted in March 2008. We are reviewing progress related to this strategic plan and will be making any necessary changes resulting from new

priorities, opportunities, and challenges. These efforts are currently under way.

In closing, ICPSR continues to be a vibrant organization fueled and supported by an exceptional staff that is committed and dedicated to ICPSR remaining a world leader in data archiving and digital curation, and an essential data organization serving the research community.

Building on 50 Years of Leadership: Scenes from a Year of Celebration



Top left: John Garcia, David Thomas, and Abayomi Israel at a 50th anniversary reception at the APSA conference.

Top right: Former ICPSR director Richard Rockwell speaks at the 50th anniversary banquet in October

Middle: The 2011 Flanigan and Miller award winners, with George Alter. [Click here for details.](#)

Bottom left: George Alter, Michael Traugott, and Rowell Huesmann at an open house in January.

Bottom right: Some of the media used to store ICPSR data over the years.

New Initiatives

Data Citation Index / Thomson Reuters

The Data Citation Index, a new add-on service to Thomson Reuters' Web of



THOMSON REUTERS

Knowledge provided through a partnership with ICPSR and other repositories, was previewed for potential participants of the American Library Association conference in Anaheim, Calif., in June.

The service, scheduled for release in late 2012, seamlessly connects published articles in peer-reviewed journals with the datasets on which they are based. Publications in Thomson Reuters' Web of Science online service will contain links directly to the datasets cited in the articles.

In a press release announcing the preview, ICPSR's Assistant Director Mary Vardigan said: "By linking publications in the Web of Science to the datasets on which they are based and enhancing the discoverability of data through the Data Citation Index, Thomson Reuters is highlighting the importance of research data in the scientific process."

Keith MacGregor, executive vice president of Thomson Reuters, added: "The Data Citation Index will revolutionize the way datasets are discovered. It will enable researchers, institutions and funders to gain a comprehensive view of the origins of research projects and influence the future paths they take, while also eliminating the duplication of work and speeding the scientific process."

To learn more about Thomson Reuters Web of Knowledge, please visit: <http://wokinfo.com/about/whatisit/>

File-Level Archive Management Engine (FLAME)

The Computing and Network Services department is in the process of retooling ICPSR's primary technology structure to a file-based system rather than the current study-based architecture.

The project has two primary goals:

- Enable ICPSR to more efficiently handle content such as video, qualitative data, and other information that doesn't fit the traditional "survey data and codebook" model.
- Conform better to the Open Archival Information System (OAIS) reference model and community best

practices such as the Trustworthy Repositories Audit and Certification (TRAC) checklist.

As an example of the second point, in order to demonstrate trustworthiness, we need to be able to trace a file back from Web site delivery to archival storage to original deposit. This requires us to collect information and manage content at the file level.

The process of implementing FLAME will rely on mapping ICPSR's practices to the functional areas outlined in the OAIS model. For example, for each OAIS functional area, such as "Ingest – Receive Submission," or "Ingest – Quality Assurance," the FLAME task force will identify contextual information, define technology needs, and approve the technology prototypes required to complete the task.

Disclosure Risk in Contextualized Microdata

ICPSR researcher Kristine Witkowski is a co-principal investigator in a new grant from the Eunice Kennedy Shriver National Institute of Child Health and Human Development titled "Addressing Disclosure Risk of Contextualized Microdata in Survey Design."



The goal of the project is to make public detailed research data from large national surveys about a person's neighborhood and individual characteristics, behaviors, and health outcomes while at the same time protecting the respondent's privacy and confidentiality.

While such data are crucial for research on critical issues such as health disparities, a balance must be struck between easy access and protecting the anonymity of study participants.

This project will incorporate disclosure risk into the conceptual and empirical frameworks used in evaluation of survey designs. The project will do so by:

- Developing and validating models that predict the composition of survey data under differing sampling designs
- Developing measures and methods to assess disclosure risk, analytic utility, and disclosure survey costs that are best suited for evaluating sampling and database designs

New Initiatives

- Conducting simulations to gather estimates of risk, utility, and costs for studies with a wide range of sampling and database design characteristics.

The lead PI on the project is Michael Elliot of the University of Michigan's Institute for Social Research. The other co-PIs are Daniel Brown at the U-M School of Natural Resources and Environment, Kevin Leicht at the University of Iowa, and Trivellore Raghunathan of the U-M School of Public Health. The grant has a one-year term.

Enhancing Project Talent Data

In partnership with lead institution American Institutes for Research, James McNally, Director of NACDA, was awarded a contract titled "Enhancing Project Talent: Early Life Impacts on Later Life Outcomes."

NACDA's role in the project is to convert the base year internal survey data for Project Talent — a national longitudinal study that surveyed more than 440,000 high school students in 1960 and is designing a follow-up survey — into public-use files in user-friendly formats that simplify access and data use.

NACDA is developing an archiving strategy that will allow long-term preservation and distribution, as well as performing an in-depth confidentiality review and developing a respondent-protection strategy. Other tasks included in the contract are bringing existing documentation up to the current standards (such as full DDI-XML markup), developing and implementing a data management structure that allows specific variables to be extracted from the larger study, and creating data support material that allows NACDA to offer technical support to users.



Sustainable Environment - Actionable Data (SEAD)

In November, ICPSR joined the University of Michigan School of Information and three other universities in the [Sustainable Environment - Actionable Data](#) project.

Under a two-year, \$2 million grant from the NSF, with \$8 million expected over the course of five years, the project's goal is to create better data sharing among scientists and researchers in the field of sustainability.

Margaret Hedstrom at the U-M School of Information is the principal investigator, and the other partners are Indiana University, Rensselaer Polytechnic Institute, and the University of Illinois at Urbana-Champaign.

Hedstrom said the project pulls together data from several different disciplines related to sustainability, defined as "research that focuses on interactions between nature and human activities."

"To date, these data have been difficult to obtain and use because disciplines across the natural and social sciences collect, describe, and store their data in different ways," Hedstrom said. "The data could have significant value if it were possible to connect the data collectors with potential users, and if it were easy for individuals to search for, aggregate, and maintain valuable data for the long term."

ICPSR Director George Alter added: "As data archivists, our role in SEAD is to act as a link to the social science community. We are going to create the tools to help people curate data as it is being collected and embed them in metadata that will be accessible far into the future."

Educational Activities

Summer Program

The ICPSR Summer Program in Quantitative Methods of Social Research saw its third consecutive year of record enrollment in 2012 with a total of 1,045 participants. That's an increase of 155 over last year, which was also a record. This is the first time that attendance has exceeded 1,000. The 2012 Program offered 75 courses taught by 91 faculty and 47 teaching assistants.

The ICPSR Summer Program's primary location is the University of Michigan in Ann Arbor, but it has offered workshops at various external sites throughout the country for many years. For the first time in 2012, three classes were held on the campus of the University of Colorado-Boulder. Additional workshops were offered at the University of California, Berkeley; Indiana University, Bloomington; University of Massachusetts-Amherst; and the University of North Carolina at Chapel Hill.

The 2012 ICPSR Summer Program included three new four-week classes:

- Mathematics for Social Scientists III
- Network Analysis: Advanced Topics
- Time Series Analysis: Advanced Topics

There were six new short statistical workshops:

- Longitudinal Data Analysis, Including Categorical Outcomes
- Time Series Analysis: A Second Course
- Missing Data: An Introduction to the Analysis of Incomplete Datasets
- Hierarchical Models for Longitudinal Data
- The R Statistical Computing Environment: The Basics and Beyond
- Growth Mixture Models: A Structural Equation Modeling Approach

The 2012 Summer Program included eight new or returning substantive short courses:

- Health Disparities Research and Minority Populations: Exploring ICPSR Data Sources
- Early Care and Education: Drawing Lessons from Weighted Samples
- Military Nursing Research: Fundamentals of Survey Methodology



- Applied Data Science: Managing Research Data for Re-Use
- Analysis of Longitudinal Study of American Youth
- The National Black Election/Politics Studies: Use and Analysis
- Assessing and Mitigating Disclosure Risk: Essentials for Social Scientists
- Providing Social Science Data Services: Strategies for Design and Operation

The 2012 Hubert M. Blalock Lecture Series was expanded beyond the offerings from previous years, and divided into three distinct components: (1) statistical topics; (2) professional development sessions; and (3) lectures of special interest to scholars with interests in the field of race and ethnicity.

Blalock Lectures on statistical topics:

- Data Mining
- Big Data Social Science
- Forecasting the 2012 Presidential Election
- Graphing Political and Census Data
- Missing Data: Statistical Analysis of Data with Incomplete Observations
- Statistical Graphics for Visualizing Data
- Latent Class Analysis
- Multivariate Statistics: An Overview of How Things Fit Together

- Basic R: Just Enough for Graphics
- Creating Graphical Displays Using the "lattice" Package

Block sessions on professional development:

- Writing Grant Proposals
- Academic Publishing in Journals and Books: How to Do It and What To Expect in the Process (offered once in each four-week session)
- Teaching Statistics: Thoughts and Advice for New Instructors

Block sessions on race and ethnicity:

- Latinos and the Changing of America: Immigration and Population Dynamics
- Research Findings and Issues on Latino Political Participation
- Black Conservatism and Black Republicans: Never the Twain Shall Meet

New Funding for Summer Internship Program

In October 2011, ICPSR co-principal investigators John Garcia and Lynette Hoelter were awarded a "Research Experience for Undergraduates" (REU) grant from the National Science Foundation to fund an expansion of the ICPSR internship program.

The program began in 2005, but the grant will allow a greater number of interns each year, and an expansion of the scope of the program with inclusion of a research project. The project is meant to integrate all of the skills the students learn during the program into a single product, created under the guidance of a research mentor from ICPSR's staff.

During the 10-week program, interns gain hands-on experience in data processing methodology, take classes in the Summer Program, and learn to create a research project from beginning to end.

For summer 2012, the first class of interns under the grant, ICPSR received more than 250 applications. ICPSR selected six students:

- Jane Oliphant of the University of Portland (Ore.), who worked with Sara Lazaroff of the ICPSR Education Archive
- Jeffrey Berg of Carleton College, who worked with Doctor Ashe in the General Archive
- Joshua Goode of the University of Colorado-Denver and Red Rocks Community College, who worked with Tannaz Sabet in the Data Sharing for Demographic Research Archive

- Rosa Rincon of California State University-Northridge and Pasadena City College, who worked with Justin Noble in the National Archive of Criminal Justice Data
- Thomas Hegland of St. Olaf College, who worked with Kevin Kapalla in the General Archive
- Tori Thomas of Georgia State University, who worked with Abayomi Israel of the Resource Center for Minority Data

Videos of the interns' poster presentations can be found at [ICPSR's YouTube channel](#).

With the new funding, the program has the capacity to accommodate up to eight interns every summer. The impacts of the program are stated in the grant abstract: "The combination of coursework, hands-on experience, and professional socialization gained through the REU should increase participants' 'research confidence' so that they can go back to their own campuses and act as mentors to others in their departments...the larger social science community also benefits when students present their work at regional meetings or undergraduate poster events."

Webinars

In fiscal 2012, ICPSR continued broadcasting webinars meant to familiarize members and the general public with the data and services we have to offer. More than 520 people participated in the seven webinars we offered in the past year.

The most popular webcast was titled "Orientation to ICPSR Services" and drew 127 attendees. A complete list of webinars and attendance is below (including links to slides and video of each):

- Orientation to ICPSR Data Services – 127
- Quantitative Literacy Through Social Science: Don't be Afraid of Data! – 97
- The 2012 ICPSR Summer Program – 87
- Overview of NACDA – 77
- Integrating Quantitative Data Analysis into Substantive Undergraduate Social Science Courses, Part 1 – 56
- Overview of NAHDAP – 51
- Integrating Quantitative Data Analysis into Substantive Undergraduate Social Science Courses, Part 2 – 26

ICPSR plans to continue broadcasting educational information over the Internet in the coming year with more webinars and the 2012 Data Fair scheduled for October.

Membership

Membership Totals by Category

Category	Total	Change
Doctoral Research Extensive	137	-
Doctoral Research Intensive	44	-
Master's Comprehensive	88	-3
B.A. Universities	102	+3
Specialized Institutions	11	+3
Associate/Community Colleges	7	-
U.S.-Based Associates	24	+4
Canadian Institutions	35	-
Other International Institutions	257	-
Total	705	+7

Membership Trends

ICPSR added 7 members in FY 2012, with a slight increases in B.A. Universities, Specialized Institutions and U.S-Based associations, and small losses in Masters' institutions.

Web Presence

Members and the general public accessed the ICPSR Web site in large numbers in FY 2012. The site had more than 5.2 million page views from nearly 416,000 unique visitors. ICPSR, the Summer Program, and other ICPSR initiatives also have almost 2,800 followers on the social media sites Facebook and Twitter.

Outreach Activities

ICPSR held receptions in honor of our 50th anniversary at meetings of the American Sociological Association; the American Political Science Association; the Social Science History Association; the American Economics Association, the Population Association of America, and IASSIST.

Staff and researchers from ICPSR and our topical archives exhibited at, participated in, or presented papers to more than 30 conferences across the globe in fiscal 2012. A complete list can be found in the "Year in Review" section of this report.

Membership *(Continued)*

Official Representatives Meeting

The 30th meeting of ICPSR Official Representatives took place in October 2011, and served as the kickoff of our 50th anniversary celebration. The meeting was attended by 175 people representing 98 institutions.

But another 193 people watched at least one meeting or workshop over the Internet — for the first time, the OR meeting was broadcast live on the Web.

Other firsts for the OR meeting were a welcome reception and tour at the Perry Building, ICPSR's headquarters, and a workshop on SDA, our online data analysis tool.

In fact, the SDA workshop was rated the most worthwhile session at the meeting, as seen in the following table based on a survey of participants:

Session Title	Repeat in 2013? (% agree)	Valuable Experience? (% strongly agree)
SDA Workshop	68	63
OR Orientation	65	57
ICPSR Refresher	63	59
Promoting ICPSR	53	63
ICPSR Web Tools	43	48
ICPSR in Education	40	60
All Things Confidential	38	77

The OR meeting also included a symposium featuring former ICPSR Director Myron Gutmann, now with the NSF, and a discussion panel consisting of Thomas LaViest of Johns Hopkins University; Barbara Schneider of Michigan State; Tom Smith of NORC; Christopher Zorn of Penn State; and Kevin Schürer of the University of Leicester. (See photo below.)



Survey of Official Representatives

Current Official Representatives and Designated Representatives were invited to take part in a survey in April; 40 percent responded, resulting in 325 completed surveys. Some of the results follow:

- The most common department for ORs at their home institutions is the library, followed by political science and sociology.
- More than 50 percent of ORs have been in that role for less than 4 years.
- Fewer ORs have reported ever visiting ICPSR in person for an OR meeting.
- ORs want program content about ICPSR resources, using data in teaching, digital curation, and information that helps them function in their OR role.
- About 50 percent of ORs have used ICPSR data for research or teaching, and about 40 percent have held ICPSR workshops on their campuses.
- ORs are generally highly satisfied with ICPSR's services.
- ICPSR members typically subscribe to several other data sources.
- ORs want ICPSR to acquire more data from the fields of international studies, economics, and health.
- About 20 percent of ORs regularly send participants to the ICPSR Summer Program, and ORs continue to play key roles in promoting the Summer Program.

Some of the implications of these findings for ICPSR:

- ICPSR must continue producing multiple forms of outreach and training options, including those aimed at librarians.
- ICPSR should remind ORs frequently of the promotional materials available.
- OR meeting should continue to be held onsite; it is also essential to have a virtual component.
- ICPSR should make sure OR meetings include content on practical application and training on ICPSR resources and teaching tools, and on digital curation.
- ICPSR should investigate more tools related to teaching with data.
- ICPSR should work to increase awareness of the Summer Program.

Financial Reports

ICPSR closed fiscal year 2012 with revenues totaling \$19.7 million, representing a 1.5 percent decrease from fiscal year 2011's total. Membership dues income, totaling \$3.53 million, rose 1 percent since 2011 and contributed 18 percent of the organization's total revenue. Sponsored project awards contributed \$10 million and accounted for 51 percent. Summer Program and Investment Income revenues were \$1.76 million and

\$22 thousand, respectively. ICPSR's overall expenses were \$18.9 million, a 1.25 percent decrease from fiscal year 2011.

The organization closed fiscal year 2012 with a surplus of \$768,184. As of June 30, 2012, ICPSR maintains a total fund balance of \$5,751,443.

Revenue	
General Fund Transfers	409,844
General Income	5,271,330
Gifts and Grants	9,988,076
Indirect Cost Recovered	2,618,046
Investment Transactions	21,618
Transfers	143,561
Internal Rebills	1,260,803
TOTAL REVENUE	\$19,713,277

Expenses	
Staff Salaries	8,353,219
Fringe Benefits	2,009,006
Consultants	415,403
Stipends	43,000
Student Aid	1,053
General Expenses	1,608,493
Data Processing	1,187,662
Postage	29,092
Telephone	44,819
Subcontract Under 25K	115,199
Subcontract Over 25K	500,263
Travel/Hosting	645,375
Equipment	13,225
Transfers	1,328,965
Transfers and Distributions	55,781
Indirect Costs	2,594,539
TOTAL EXPENSES	\$18,945,093

Revenue from Membership and Grants/Contracts		
Fiscal Year	Membership	Grants/Contracts
1989	1,654,781	1,413,092
1990	1,403,297	1,434,630
1991	1,690,709	1,578,484
1992	1,481,713	1,583,566
1993	1,712,031	1,832,865
1994	1,915,000	2,099,753
1995	1,969,783	1,893,296
1996	2,066,499	2,146,822
1997	2,181,661	2,310,968
1998	2,258,676	2,742,252
1999	2,307,856	2,651,291
2000	2,254,963	2,456,876
2001	2,835,791	3,358,040
2002	2,259,161	3,531,002
2003	2,656,468	4,151,227
2004	2,666,290	5,289,738
2005	2,791,442	5,770,366
2006	2,935,642	6,252,685
2007	3,093,900	6,776,695
2008	3,165,587	7,584,089
2009	3,311,411	8,138,624
2010	3,465,415	9,849,709
2011	3,502,368	10,015,225
2012	3,531,236	9,991,773

The Year in Review

New Council Members

Six new members were elected to the ICPSR Council in late 2011. The new members are:

- Christopher Achen, Princeton University
- Marilyn Andrews, University of Regina
- Tony Brown, Vanderbilt University
- Susan Cutter, University of South Carolina
- John Fox, McMaster University
- Linda Waite, University of Chicago

In addition, Rogelio Saenz of the University of Texas at San Antonio was selected as Chair.

Biographical sketches and photos of all members are available on the [Council Web site](#). Past Chair Ann Wolpert of the Massachusetts Institute of Technology will continue on the Council for one year.

New Edition of "Guide to Social Sciences Data Preparation" Published

In January, ICPSR published the [fifth edition of the "Guide to Social Science Data Preparation and Archiving."](#) First published in 1997, the Guide is a compilation of best practices gleaned from the experience of many archivists and investigators. It is aimed at those engaged in the cycle of research, from applying for research grants, through data collection, and ultimately to preparation of data for deposit in a public archive.

The latest edition contains new and updated information on data management plans, video files, respondent disclosure protection, and virtual data enclaves. For the first time, we have developed a Web-based version, providing a quicker and more efficient way to browse the material. The online guide also includes linked to complementary content such as ICPSR tutorial videos and related literature.

Alter Piece Featured on Library of Congress Blog

In April, ICPSR Director George Alter published a piece titled ["Preservation of and Access to Federally Funded Scientific Data"](#) on "The Signal," the blog of the Library of Congress' National Digital Information Infrastructure and Preservation Program.

The blog post, which argues that data from federally

funded research projects should be made freely available to the wider research community, was based on ICPSR's formal response to a federal working group on digital data sharing.

Alter wrote that the most important step the Interagency Working Group on Digital Data could take would be to recommend a policy of mandatory deposit of federally funded data into long-term, publicly accessible data repositories. That would, he said, "promote re-use of scientific data, maximize the return on investments in data collection, and prevent the loss of thousands of potentially valuable datasets."

Popular Data Releases

Among the datasets released in fiscal 2012, the following were some of the most popular:

- National Survey on Drug Use and Health, 2010
- Law Enforcement Management and Administrative Statistics, 2007
- Married and Cohabiting Couples, 2010
- National Asian American Survey, 2008
- How Couples Meet and Stay Together, 2009-2011
- National Survey of Substance Abuse Treatment Services, 2010
- Monitoring the Future (12th Grade Study), 2010
- National Crime Victimization Survey, 2010
- Uniform Crime Reporting Program Data: Supplementary Homicide Reports, 2009
- Drug Abuse Warning Network, 2009

Conference Attendance

Staff and researchers from ICPSR and its topical archives exhibited at, participated in, or presented papers to conferences throughout the world in fiscal 2012:

- European Survey Research Association, July 2011, Lausanne, Switzerland
- American Sociological Association, August 2011, Las Vegas
- Society of American Archivists, August 2011, Washington, D.C.
- CODATA/BRDI Conference on Data Attribution and

Citation, August 2011, Berkeley, CA

- American Political Science Association, September 2011, Seattle
- Atlanta University Center Consortium Career Day, September 2011, Atlanta
- Research Data Centers, September 2011, Minneapolis
- American Public Health Association, October 2011, Washington, D.C.
- Hispanic Association of Colleges and Universities, October 2011, San Antonio
- National Council on Family Relations, November 2011, Orlando
- American Society of Criminology, November 2011, Washington, D.C.
- Gerontological Society of America, November 2011, Boston
- Social Science History Association, November 2011, Boston
- Society for the Study of Nanoscience and Emerging Technologies, November 2011, Tempe, AZ
- National Council of University Research Administrators, November 2011, Washington, D.C.
- American Economic Association, January 2012, Chicago
- Michigan State Diversity Fair, January 2012, Lansing, MI
- Society for Social Work and Research, January 2012, Washington, D.C.
- Association of American Geographers, February 2012, New York
- Academy of Criminal Justice Sciences, March 2012, New York
- Society for Research on Adolescence, March 2012, Vancouver, BC
- National Black Graduate Student Conference, March 2012, Philadelphia
- American Educational Research Association, April 2012, Vancouver, BC
- Cooperative Education and Internship Association, April 2012, Chicago
- National Council Mental Health and Addictions Conference, April 2012, Chicago
- American Society of Addiction Medicine, April 2012, Atlanta
- International Conference on College Teaching and Learning, April 2012, Jacksonville, FL
- U.S. Regional Association of the International Association for Landscape Ecology, April 2012, Newport, RI
- European Social Science History Conference, April 2012, Glasgow, UK
- Population Association of America, May 2012, San Francisco
- Conference on Metadata and Persistent Identifiers for Social and Economic Data, May 2012, Berlin, Germany
- IASSIST, June 2012, Washington, D.C.

The Year in Technology

Bryan Beecher, Director of Computing and Networking Services



In my mind and in my car, we can't rewind we've gone too far.

The big news for ICPSR this year is in video. The Bill and Melinda Gates Foundation awarded a pair of grants to ICPSR and its partners at the University of Michigan to build ingest, preservation, and delivery systems for a large collection of research video gathered in eight different school districts across the United States.

The Measures of Effective Teaching project has already doubled ICPSR's archival holdings from 7TB to 14TB, and has moved ICPSR quickly into the realm of managing, preserving, and delivery video content. A follow-on project, Measures of Effective Teaching Extension, will more than double that number again as ICPSR ingests an additional 20TB of content over the next two years. While the audience for the first collection is small due to the significant restrictions on how the content may be

used, the audience for the second collection (MET-Ext) is much larger, and will include both the research and education communities. To better manage and deliver such a large body of content to such a large audience, ICPSR is spearheading the implementation of Kaltura, an open-source video content management solution, at the University of Michigan.

ICPSR continues work on its refresh of its core data management systems. The FLAME (File-Level Archival Management Engine) project endeavors to update core technology and core business processes so that ICPSR better manages its research data assets and is better poised to manage content types beyond quantitative survey data. The Computer and Network Services team delivered an early prototype of a system in mid-2012, and the development of FLAME has sparked many interesting business questions within ICPSR, such as re-examining our role and responsibilities for reviewing unsolicited content for disclosure risk.

For more information and news about ICPSR's use of technology, please see our Tech@ICPSR blog at <http://techaticpsr.blogspot.com/>.