Experimental Social Science Laboratory (ESSL)

Annual Report

2012-2013

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I. Opening Statement

The Experimental Social Science Laboratory (ESSL) is a School Center of the School of Social Sciences that promotes and facilitates social scientific research using the methods of experimental economics.

The Center manages the ESSL computer laboratory in SBSG 1240-1244, the ESSL subject pool, the ESSL web sites, and the ESSL IRB documentation. Unlike other research laboratories in the social and physical sciences, ESSL is a community facility that exploits natural economies of scale in experimental economics. Once the laboratory resources are in place, the cost for an additional experimenter to conduct an experiment is very low. By sharing this facility and scheduling around each other, the laboratory resources are leveraged to maximize research output.

ESSL also funds small grants with the intent to generate more external funding awards and promotes experimental work and training in experimental methods among faculty and students.

This annual report details the major developments, usage, research projects, and educational endeavors undertaking during this, its second year. A few facts deserve special mention.

- 1. <u>ESSL</u> is establishing a record of impact. During this, its second year, we see many continued indications that ESSL is providing an important resource for researchers across the social sciences. Some of these indicators are:
 - The first publications in which ESSL generated data were used.
 - Many presentations of ESSL experimental research by ESSL researchers.
 - Job placements for graduate students doing experimental work.
 - Outside funding for ESSL researchers.
- 2. There is wide interest among faculty across the social sciences for use of ESSL facilities and among UC Irvine students to participate in experiments. During the past year, the ESSL IRB protocol added three new faculty (from Anthropology, Logic and Philosophy of Science, and Sociology), nine new graduate students, and others (e.g., undergraduate students, non-UC Irvine personnel). The subject pool has also grown from around 1300 to over 2000 students after switching to a new recruiting and scheduling system in Summer 2012.
- 3. <u>ESSL continues to make progress on its 3-5 year plan.</u> In addition to the evidence of impact and continued growth of interest in ESSL activities mentioned above, ESSL has also published a new web site, converted to an improved subject recruiting system, and reaching out to the community. In recognition of its developing role, ESSL received a Dean's Excellence Allowance in May 2013.

II. Organization and Administration as of June 2013

A. Administrators

Director	Michael McBride (Associate Professor of Economics)
Advisory Board	Bernie Grofman (Jack W. Peltason Endowed Chair Professor of Political Science and Adjunct Professor of Economics) Donald Saari (UCI Distinguished Professor of Economics and Mathematics, Professor of Logic and Philosophy of Science) Stergios Skaperdas (Professor of Economics) Brian Skyrms (UCI Distinguished Professor of Logic and Philosophy of Science and Economics)
Laboratory Managers	Juan Amenero (ECON 199 student) Michael Caldara (Economics graduate student) Ryan Kendall (Economics graduate student) Si-Yuan Kong (Economics graduate student) Alex Meissner (ECON 199 student) Meryl Motika (Economics graduate student) Andrew Scauzillo (ECON 199 student) Shireen Zamani (ECON 199 student)

B. Researchers on Approved IRB Protocol HS# 2011-8378

* indicates that the person was added to the protocol during the past year.

Lead Researcher	Michael McBride (Associate Professor of Economics)
UC Irvine Faculty	*Nina Bandelj (Associate Professor of Sociology) Alyssa Brewer (Assistant Professor of Cognitive Sciences) *Julia Elyachar (Associate Professor of Anthropology) Simon Huttegger (Associate Professor of Logic and Philosophy of Science) Michelle Garfinkel (Professor of Economics) Jeffrey Krichmar (Associate Professor of Cognitive Sciences) Igor Kopylov (Associate Professor of Economics) Anthony McGann (Associate Professor of Political Science) Stergios Skaperdas (Professor of Economics) Gary Richardson (Associate Professor of Economics) *James Weatherall (Assistant Professor of Logic and Philosophy of Science)
UC Irvine	Derrik Asher (Cognitive Sciences)

Graduate Students	*Mark Bloxsom (Economics) Justin Bruner (Logic & Philosophy of Science) Michael Caldara (Economics) *Katelyn Cowan (Public Policy) Alexis Craig (Cognitive Sciences) *Steven Doubleday (Mathematical Behavioral Sciences) David Hewitt (Economics) *Matt Hicks (Economics) *Giorgio Gosti (Mathematical Behavioral Sciences) *Diego Grijalva (Economics) Jennifer Herrera (Logic and Philosophy of Science) Ryan Kendall (Economics) Kristoffer Jackson (Economics) *Fan Jiang (Economics) *Fan Jiang (Economics) Alejandro Komai (Economics) Si-Yuan Kong (Economics) Meryl Motika (Economics) Cailin O'Connor (Logic & Philosophy of Science) Erick Peterson (Economics) *Andrew Porter (Economics) *Garret Ridinger (Economics) *Hannah Rubin (Logic and Philosophy of Science) Pi-Han Tsai (Economics) *Andrea Vandom (Political Science) Andrew Zaldivar (Cognitive Sciences) Cathy Zhang (Economics)
Other Individuals	*Juan Amenero (Undergraduate student, UC Irvine) Yen-Sheng Chiang (Assistant Research Fellow, Academia Sinica) Albert Jun Choi (UC Irvine undergraduate student) Jennifer Cunningham (Economic Science Institute Lab Manager, Chapman University) David Hewitt (Assistant Professor of Economics, Whittier College) *Nicole Iannaccone (Non-student) David Porter (Donna and David Jones Endowed Chair in Experimental Economics, Chapman University) *Winter Salins (Undergraduate student, UC Irvine) *Robert Sandoval (Undergraduate student, UC Irvine) Andrew Scauzillo (Undergraduate student, UC Irvine) *Eric Schneiter (Rsearch Associate, Chapman University) *Timothy Shields (Assistant Professor of Accounting, Chapman University) Roman Sheremeta (Assistant Professor of Economics, Chapman

*Brian Vo (Undergraduate student, UC Irvine) Alice Yang (Undergraduate student, UC Irvine) Lisa Yee (Undergraduate student, UC Irvine) *Shireen Zamani (Undergraduate student, UC Irvine)

III. Timeline of Major Developments

December 2010	Instrumentation and equipment funds received from the School of Social Sciences.
13 June 2011	ESSL receives Army Research Office (ARO) Defense University Research Instrumentation Program (DURIP) Grant (\$148,888.09) to fund new instrumentation.
August 2011	ESSL IRB protocol approved (HS# 2011-8378).
September 2011	Construction of ESSL computer laboratory completed.
23 September 2011	Recruiting into ESSL Subject Pool begins.
13 October 2011	First ESSL facilitated experiment session conducted. Conducted in the ESSL computer laboratory with subjects from the ESSL Subject Pool.
8 February 2012	ESSL Subject Pool reaches 1000 subjects.
5 April 2012	The Office of Research approves the name <i>Experimental Social Science Laboratory</i> for an official research center of the School of Social Sciences.
8 June 2012	The first ESSL Experimental Workshop is held, with support from the Institute for Mathematical Behavioral Sciences. Nine graduate students present experimental projects
2 August 2012	The newly designed ESSL web site launches: http://www.essl.ss.uci.edu/.
September 2012	Conversion to new recruiting and scheduling software completed.
May 2013	ESSL Subject Pool reaches 2000 subjects.
23 May 2013	ESSL receives Dean's Excellence Allowance for its creation of unique learning and research opportunities.

12 June 2013	The second ESSL Experimental Workshop is held, with support from the Institute for Mathematical Behavioral Sciences. Eight
	graduate students present experimental projects

IV. Usage Indicators

	2011-12	2012-13
A. Experiment Projects and Sessions		
Projects with 1+ sessions conducted during year*	18	17
Sessions completed during year	87	119
B. Researchers		
UCI faculty on IRB	10	12
UCI graduate students on IRB	17	27
Other researchers on IRB	9	7
UCI undergraduates on IRB	5	10
C. Human Subjects		
Total in subject pool at end of year	1366	2041
Participated in at least one session	681	988
Total participants in sessions (counts each time a subject participates)	2273	3294
Average participants per session	26	28
Total non-participant show-ups	245	207

Average non-participant show-ups per session	3	12
D. Human Subject Payments		
Overall total	\$49,368.75	\$64,855.06
Spent on participants	\$47,667.75	\$63,406.06
Spent on non-participating show-ups	\$1,701.00	\$1,449.00
Average total payoff per session	\$567	\$545
Average total payoff per session for participants	\$548	\$533
Average payoff for participants	\$21	\$19

V. Research

This sections lists publications newly accepted in 2012-2013, work in progress, grants and awards received in 2012-2013, presentations during 2012-2013, and research projects for which at least one experiment session was conducted at ESSL during the school year.

A. Publications

- A. Craig, D. Asher, A. Brewer, J. Krichmar, forthcoming, "Social Contracts and Human-computer Interaction with Simulated Adapting Agents," *Adaptive Behavior*
- M. D'Orsogna, R. Kendall, M. McBride, M. Short, 2013, "Criminal Defectors Lead to the Emergence of Cooperation in an Experimental, Adversarial Game," PLOS ONE, 8: e61458, doi 10:1371/journal.pone.0061458
- M. McBride, M. Caldara, forthcoming, "The Efficacy of Tables versus Graphs in Disrupting Dark Networks: An Experimental Study," *Social Networks*

B. Work in Progress

- A. Berentsen, M. McBride, G. Rocheteau, "Liquidity and Information: An Experimental Study"
- J. Bruner, "Rawlsian Distributions: An Experimental Approach," under review
- J. Bruner, C. O'Connor, S. Huttegger, H. Rubin, "David Lewis in the Lab: Experimental Results on the Emergence of Meaning"
- M. Caldara, "Bidding Behavior in Pay-to-Bid Auctions: An Experimental Study," under review
- N. Candelo, S. Forbes, S. Martin, M. McBride, "Endogenous Formation of Dark Networks: Theory and Experiment"
- Y.S. Chiang, "The Good Samaritans with a Partial View—An Experiment on Income Redistribution in Networks"
- Y.S. Chiang, "Partner Selection across Game Experiments"
- D. Jessie, R. Kendall, "Decomposing Social Awareness: A New Experimental Approach"
- J. Jiang, C. Zhang, "Competing Currencies in the Laboratory"
- R. Kendall, "How Middle-movers Come Out on Top: A Theoretical and Experimental

Analysis," under review

- M. McBride, D. Hewitt, "The Enemy You Can't See: An Investigation of the Disruption of Dark Networks," UCI Department of Economics Working Paper 12-13-07, revised and resubmitted, *Journal of Economic Behavior and Organization*
- M. McBride, S. Skaperdas, P. Tsai, "Why Go to Court? Bargaining Failure under the Shadow of Trial with Complete Information," under review
- E. Petersen, "Cooperation and the Commons: An Experimental Study"
- H. Rubin, J. Bruner, C. O'Connor, S. Huttegger, "Cheaper than Costly Signals"

C. Presentations

- J. Bruner, ESSL Experimental Workshop, "The Veil with and Without the Sword," June 2013
- J. Bruner, University of Lund, Games, Interactive Rationality, and Learning Conference, "David Lewis in the Lab," April 2013
- M. Caldara, Economic Science Association, "Bidding Behavior in Pay-to-Bid Auctions," "July 2012
- M. Caldara, Chapman University, Economic Science Institute, "Penny Auctions," November 2012
- M. Caldara, Economic Science Association, "Network Formation with Limited Observation," November 2012
- M. Caldara, Bay Area Behavioral Economics Experimental Workshop, "Network Formation with Limited Observation," May 2013
- M. Caldara, Economic Science Institute Brown Bag Seminar "Origin of the State as a Stationary Bandit," May 2013
- M. Caldara, IMBS Graduate Student Conference "Origin of the State as a Stationary Bandit," May 2013
- Y.S. Chiang, Chinese University of Hong Kong, "The Good Samaritans with a Partial View—An Experiment on Income Redistribution in Networks"
- Y.S. Chiang, Singapore Management University, "The Good Samaritans with a Partial View—An Experiment on Income Redistribution in Networks"

- R. Kendall, ESSL Experimental Workshop, "Decomposing Social Awareness: A New Experimental Approach," June 2013
- R. Kendall, Mathematical Behavioral Sciences Graduate Student Seminar, "Decomposing Social Awareness: A New Experimental Approach," May 2013
- R. Kendall, North American Economic Science Association Conference, "Decomposing Social Awareness: A New Experimental Approach," November 2012
- R. Kendall, Southwest Economic Theory Conference, "Decomposing Social Awareness: A New Experimental Approach," March 2013
- R. Kendall, Texas Tech University, Economics Seminar, "How Middle-movers Come Out on Top: A Theoretical and Experimental Analysis," February 2013
- R. Kendall, University of Maastricht, METEOR Seminar in Theoretical Economics, "How Middle-movers Come Out on Top: A Theoretical and Experimental Analysis," May 2013
- R. Kendall, University of California, Irvine, Theory, History, and Development Seminar, "How Middle-movers Come Out on Top: A Theoretical and Experimental Analysis," October 2012
- R. Kendall, University of Southern California, Los Angeles Behavioral Economics Laboratory Seminar, "How Middle-movers Come Out on Top: A Theoretical and Experimental Analysis," May 2013
- A. Komai, ESSL Experimental Workshop, "Fear Itself; Testing Bank Run Contagion in the Lab," June 2013
- S. Kong, ESSL Experimental Workshop, "Optimal Crime Foraging," June 2013
- M. McBride, Claremont Graduate University, Department of Economics, September 2012, "Why go to Court? Bargaining Failure under the Shadow of Trial with Complete Information"
- M. McBride, Economic Science Association Conference, Nov 2012, "Why go to Court? Bargaining Failure under the Shadow of Trial with Complete Information"
- M. McBride, University of California, Irvine, Department of Economics, April 2013, "Why go to Court? Bargaining Failure under the Shadow of Trial with Complete Information"
- E. Petersen, CSD Democracy and Conflict Lunch, "Group Size, Quality, and Cooperation in the Surfers Dilemma," June 2013

- E. Petersen, ESSL Experimental Workshop, "Group Size, Quality, and Cooperation in the Surfers Dilemma," June 2013
- G. Ridinger, ESSL Experimental Workshop, "The Role of Intentions in Reciprocity and Cooperation: An Experimental Examination," June 2013
- H. Rubin, J. Bruner, ESSL Experimental Workshop, "Cheaper than Costly Signals," June 2013
- A. Vandom, ESSL Experimental Workshop, "The Effect of Wages on Extortion," June 2013
- C. Zhang, Experimental Macroeconomics Workshop, Pompeau Fabra

D. Grants and Awards

- D. Brownstone (PI), M. McBride (Co-PI), S. Kong (Co-PI), A. Mahmassani (Co-PI), UC Transportation Center Faculty Research Grants Fellowship Award, \$119,332 (pending)
- M. Caldara (PI), "Production Decisions with Insecure Property" Seed Grant, Economic Science Institute, \$2,600, (2013)
- M. Caldara (PI), "Production Decisions with Insecure Property," Humane Studies Fellowship, Institute for Humane Studies, \$2,000 (2013)
- S. Grant (PI), M. McBride (Co-PI), and twenty-one others, "Low Energy Options for Making Water from Wastewater," National Science Foundation, \$4,600,000 for graduate student support in engineering and social sciences, some of which will be used for experiments (2013-2019)
- D. Grijalva, IGCC Fellowship, Institute on Global Conflict and Cooperation, University of California, \$18,000 (2012-2013)
- K. Jackson, ESSL Small Grant, "Charitable Giving and the Permanent Income Hypothesis," \$2500 (2013)
- F. Jiang, UCI Graduate Dean's Fellowship, \$5000 (2013)
- F. Jiang, Department of Economics Summer Research Fellowship, \$2500 (2013)
- R. Kendall, ESSL Small Grant, "Decomposing Social Awareness: A New Experimental Approach," \$2000 (2012)
- R. Kendall, ESSL Small Grant, "Decomposing Social Awareness: A New Experimental Approach," \$2000 (2012)

R. Kendall, Co-winner, Jean-Claude Falmagne Ph.D. Dissertation Award (2013)

S. Kong (PI), A. Mahmassani (PI), Steve Borowski Award, UCI Center for Economics and Public Policy, \$2400 (2013)

S. Kong (PI), A. Mahmassani (PI), Department of Economics Fellowship AwardSteve Borowski Award, UCI Center for Economics and Public Policy, \$2000 (2013)

M. McBride (PI), S. Skaperdas (Co-PI), "Bargaining Failure under the Shadow of Trial: Theory and Experiments," National Science Foundation, \$186,133 (pending)

M. McBride (PI), S. Skaperdas (Co-PI), "Property Rights and Litigation Conflict," Center for the Study of Democracy Seed Grant, \$2400 (2013)

E. Petersen, ESSL Small Grant, "Quality and Commons: An Experimental Study" \$2000 (2013)

G. Ridinger, Department of Economics Summer Research Fellowship, \$2500 (2013)

G. Ridinger, ESSL Small Grant, "Reciprocity, Inequity Aversion, and Cooperation: An Experimental Examination of the Importance of Control and Intentions," \$1500 (2013)

E. Schneiter (PI), "Trust, Apology, and Confession," Ralph W. Leatherby Center for Entrepreneurship and Business Ethics, \$2550 (2013)

E. Projects

Cheaper than Costly Signals

Competing Currencies in the Laboratory

Contested Communication and Cooperation in a Social Dilemma

Criminals Lead to the Emergence of Cooperation in an Adversarial Setting

David Lewis in the Lab

Decomposing Social Awareness: A New Experimental Approach

Group Size, Quality, and Cooperation in the Surfers Dilemma

Liquidity and Information: An Experimental Study

Network Formation under Limited Observation

Origin of the State as a Stationary Bandit

Partner Selection Across Game Experiments

Strategic Formation and Disruption of Dark Networks

Testing the Trust Game

The Effect of Wages on Extortion

The Escalation of Conflict

Why Go To Court? Bargaining Failure under the Shadow of Trial in Legal Contests

VI. Education and Training

A. Courses

M. McBride taught two experimental economics courses in the ESSL facility during the 2012-2103 school year. He also taught three quarters of directed research.

ECON 149 Experimental Economics. Students learned the basic methods of experimental economics, the importance of experimental design and randomized treatment, the rules and regulations associated with the use of human subjects, and a number of seminal experimental findings. Students learned all of the above while participating in class experiment exercises. Fall 2012 enrollment: 34.

<u>ECON 199 Directed Research.</u> Undergraduate students worked as lab managers at ESSL. They assisted with recruiting human subject into the ESSL subject pool, testing experiment software, scheduling experiment sessions, preparing the laboratory before scheduled sessions, paying human subjects, and maintaining ESSL records.

Fall 2012 enrollment: 3. Winter 2013 enrollment 5. Spring 2013 enrollment: 3.

ECON 249 Experimental Economics. Students learned all that the ECON 149 students learned but also had to develop an original experimental economics project. Students received specific training in how to program experimental software. They also implemented their projects in class and wrote grant proposals to be submitted for external funds. Fall 2012 Enrollment: 12 (8 from Economics, 1 from Logic and Philosophy of Science).

B. Workshop

On 12 June 2013, with support from the Institute for Mathematical Behavioral Science, ESSL sponsored a workshop for researchers doing experimental projects in the lab. The workshop provided an opportunity for researchers with completed sessions to present results and for researchers planning experimental projects to receive feedback. Eight graduate students presented projects, three of which have conducted sessions and five of which have sessions planned but not yet conducted. The program is listed here.

ESSL Experimental Workshop

12 June 2013, SSPA 2112 and SBSG 1240

Sponsored by the *Experimental Social Science Laboratory* and the *Institute for Mathematical Behavioral Sciences*

Lunch provided by RSVP to Joanna Kerner (kernerj@uci.edu)

Morning: SSPA 2112

9:30-10:00am	Andrea Vandom, Political Science
	"The Effect of Wages on Extortion"
10:00-10:30am	Erick Petersen, Economics
	"Group Size, Quality, and Cooperation in the Surfers Dilemma"
10:30-10:45am	BREAK
10:45-11:15am	Hannah Rubin, Logic and Philosophy of Science (with Justin Bruner)
	"Cheaper than Costly Signals"
11:15am-11:45pm	Ryan Kendall, Economics (with Dan Jessie)
	"Decomposing Social Awareness: A New Experimental Approach"

Lunch: SSPA 2112

Afternoon: SBSG 1240

12:50-1:20pm	Si-Yuan Kong, Economics (with Jeff Brantingham, Michael McBride,
	and George Tita)
	"Optimal Crime Foraging"
1:20-1:50pm	Alejandro Komai, Economics (with Michael McBride and Gary
	Richardson)
	"Fear Itself: Testing Bank Run Contagion in the Lab"
1:50-2:00pm	BREAK
2:00-2:30pm	Justin Bruner, Logic and Philosophy of Science
	"The Veil with and Without the Sword"
2:30-3:00pm	Garret Ridinger, Economics
	"The Role of Intentions in Reciprocity and Cooperation: An
	Experimental Examination"

C. Job Placement

Graduating students that have done or are currently doing experimental projects at ESSL have placed well on the job market. Provided here is a list of first placements for all students by year, beginning with this year's placements. Also provided for reference are other placements of students engaged in experimental social science at UC Irvine before ESSL opened.

ESSL Graduate Students Graduating in 2013

- Diego Grijalva (Ph.D., Economics), Professor/Researcher, Economics, Universidad San Francisco de Quito (Ecuador).
 - He will teach experimental economics and conduct laboratory experiments.
- Ryan Kendall (Ph.D., Economics), Post-doctoral Research Associate, Los Angeles Behavioral Economics Laboratory (LABEL), University of Southern California.
 - He will serve as manager of the experimental laboratory.
- Meryl Motika (Ph.D., Economics), Assistant Professor, Economics, St. Lawrence University.
 - She will set-up and direct a new experimental laboratory.
- Andrea Vandom (Ph.D., Political Science), Associate Programme Officer, United Nations Office on Drugs and Crime.
 - Her dissertation was an experimental study of corruption.
- Cathy Zhang (Ph.D., Economics), Assistant Professor, Economics, Purdue University.
 - The experimental aspect of her research creates cross-over between her work and her new experimental colleagues.

Other ESSL Placement in 2013

- Michael Caldara (Ph.D., Economics, expected 2014), Pre-doctoral Research Associate Professor, Economic Science Institute, Chapman University, appointed in 2013.
 - He will conduct experimental research at this institute which was set up to foster experimental research.

ESSL Graduate Students Graduating in 2012

• David Hewitt (Ph.D., Economics), Assistant Professor, Whittier College.

Placement of Graduate Students Doing Experiments before ESSL

- George Ng (Ph.D., Economics, 2011), Defense Advanced Research Projects Agency
- Reuben Kline (Ph.D., Political Science, 2010), Assistant Professor, Stony Brook University

D. Community

During Summer 2012, ESSL collaborated with Rebecca Craft, an instructor in the Gifted

Students Academy at UC Irvine to host multiple classes on experimental methods in the social sciences. Four different class meetings were held in the ESSL facility in which gifted elementary and middle school students participated in in-class experiments and learned about experimental design. These classes were taught by one faculty member (M. McBride) and three graduate students (M. Caldara, R. Kendall, and S. Kong).

Also during Summer 2012, two high school students assisted as interns helping with experimental projects. One intern assisted a graduate student (M. Caldara) in programming and testing software. The other intern assisted with the Gifted Students Academy.

VII. Future Plans and Prospects

A. Three-year Plan (2012-2015)

The following list was given in the first annual report as its plan for the upcoming years.

- Further standardize practices and procedures to ensure IRB compliance.
- Strengthen existing ties within the School of Social Sciences among researchers who conduct experiments.
- Build new ties with experimenters outside the School of Social Sciences.
- Distribute resources to fund small grants and pilot studies.
- Maintain records of experiments conducted by members of the Center.
- Enhance the web site, such as publishing a database of experimental work done by Center members.
- Demonstrate a strong record of publications resulting from use of Center resources such as the ESSL facility and the seed grants.
- Demonstrate a record of leveraging seed grants into external funding.
- Establish procedures with school and campus administrators to streamline paperwork processing.

B. Prospects for Impact

There are strong indicators that achievement of this plan is well underway.

- More faculty and graduate students are added to the IRB protocol, and they come
 from across the School of Social Sciences. The current IRB protocol has at least
 one faculty or graduate student from Anthropology, Cognitive Sciences,
 Economics, Logic and Philosophy of Science, Political Science, Sociology.
- The ESSL Subject Pool continues to grow throughout the year, thus indicating interest among students to participate in experiments.
- Experiments are currently planned for the Summer and Fall 2013, with sessions being run by faculty and graduate students from multiple departments.
- ESSL researchers are actively pursuing outside funding. In ESSL's short history, most funding for faculty-initiated experimental projects has come from external sources, and most graduate student-initiated projects have come from internal sources. This will likely continue in the near future, but it is noteworthy that in this past year was the first time that a graduate student received external funding for an experimental project to be conducted at ESSL (M. Caldara).
- Graduates students trained in experimental methods are placing well on the job market, and their training in experimental social science played a significant role in their placement (see Section VI. C.)