PAPERS AND PROCEEDINGS

OF THE

One Hundred Fifteenth Annual Meeting

OF THE

AMERICAN ECONOMIC ASSOCIATION

Washington, DC, January 3-5, 2003

Program Arranged by Peter A. Diamond

Papers and Proceedings Edited by J. David Baldwin and Ronald L. Oaxaca

MAY 2003

THE AMERICAN ECONOMIC ASSOCIATION

Founded in 1885 Officers

PETER A. DIAMOND

Massachusetts Institute of Technology

President-elect

MARTIN S. FELDSTEIN

Harvard University

National Bureau of Economic Research

Vice-Presidents

JONATHAN EATON

New York University

JOHN SHOVEN

Stanford University

Secretary-Treasurer

JOHN J. SIEGFRIED

Vanderbilt University

Executive Director

WILLIAM W. DAMON

Vanderbilt University

Editor of The American Economic Review

BEN S. BERNANKE

Princeton University

Editor of The Journal of Economic Literature

JOHN McMILLAN

Stanford University

Editor of The Journal of Economic Perspectives

ANDREI SHLEIFER

Harvard University

 No responsibility for the views expressed by authors in this *Review* is assumed by the editors or the publishers, The American Economic Associa-

• Typeset by CPC DPS-Ephrata Division, Pennsyl-

• Printed at Banta Company, Menasha, Wisconsin,

• Copyright © 2003 by the American Economic Association. Permission to make digital or hard

copies of part or all of this work for personal or

classroom use is granted without fee provided that copies are not made or distributed for profit or

direct commercial advantage and that copies show

this notice on the first page or initial screen of a display along with the full citation, including the

name of the author. Copyrights for components of

this work owned by others than AEA must be honored. Abstracting with credit is permitted. To

copy otherwise, to republish, to post on servers, to

redistribute to lists, or to use any component of this

work in other works, requires prior specific permission and/or a fee. Permissions may be requested

from the American Economic Association, 2014

Broadway, Suite 305, Nashville, TN 37203.

vania, U.S.A.

Correspondence relating to advertising, business matters, permissions to quote, back issues, subscriptions, and changes of address, should be sent to the American Economic Association, 2014 Broadway, Suite 305, Nashville, TN 37203. Change of address notice must be received at least six (6) weeks prior to the publication month. A membership or subscription paid twice is automatically extended for an additional year unless otherwise requested.

THE AMERICAN ECONOMIC REVIEW (ISSN 0002-8282), May 2003, Vol. 93, No. 2, is published five times a year (March, May, June, September, December) by the American Economic Association, 2014 Broadway, Suite 305, Nashville, TN 37203. Annual fees for regular membership, of which 30 percent is for a year's subscription to this journal, are: \$62.00, \$74.00, or \$87.00, depending on income. A membership also includes subscriptions to The Journal of Economic Literature and The Journal of Economic Perspectives. In countries other than the U.S.A., add \$30.00 for extra postage. Information on becoming a member can be found on the last page of this journal. Periodical postage paid at Nashville, TN and at additional mailing offices. POSTMASTER: Send address changes to the American Economic Review, 2014 Broadway, Suite 305, Nashville, TN 37203.

Executive Committee

Elected Members of the Executive Committee

JAMES M. POTERBA

Massachusetts Institute of Technology

CHRISTINA D. ROMER

University of California-Berkeley

MARK R. ROSENZWEIG

Harvard University

MARIANNE BAXTER

Boston University

ELLEN R. McGRATTAN

Federal Reserve Bank of Minneapolis

MAURICE OBSTFELD

University of California-Berkeley

EX OFFICIO Members

ROBERT E. LUCAS, JR.

University of Chicago

Counsel

TERRY CALVANI

The Competition Authority

Dublin, Ireland

Administrative Director

Edda R. Leithner

Convention Manager
Marlene Hight

THE AMERICAN ECONOMIC REVIEW

VOL. 93 NO. 2 MAY 2003

PAPERS AND PROCEEDINGS

OF THE

One Hundred Fifteenth Annual Meeting

OF THE

AMERICAN ECONOMIC ASSOCIATION

Washington, DC

January 3-5, 2003

Program Arranged by Peter A. Diamond

Papers and Proceedings Edited by J. David Baldwin and Ronald L. Oaxaca

CONTENTS

Editors' Introduction J. David Baldwin and Ronald L. Oaxaca	vii
Foreword	viii
PAPERS	
Richard T. Ely Lecture Globalization and Its Challenges Stanley Fischer	1
The Future of the IMF and World Bank	
The Future of the IMF	31 39
Stanley Fischer; Allan H. Meltzer; Jeffrey D. Sachs; Nicholas Stern	45
International Transmission of Business Cycles in an Increasingly Integrated World Economy Trade Structure, Industrial Structure, and International Business Cycles	
	51
Why Has the U.S. Economy Become Less Correlated with the Rest of the World?	57
Jonathan Heathcote and Fabrizio Perri	63
New Approaches to Resolving Emerging-Market Financial Crises	
Sovereign Debt Restructuring: Messy or Messier?	70 75
Barry Eichengreen and Ashoka Mody	80
Debt, Equity, and Financial Openness	
Will the Sovereign Debt Market Survive?	85
Capital-Account Liberalization, the Cost of Capital, and Economic Growth Peter Blair Henry Equity-Market Liberalizations as Country IPO's Rodolfo Martell and René M. Stulz	91 97
The Contribution of Recent Innovations in Data Collection to Development Economics Randomized Evaluations of Educational Programs in Developing Countries: Some Lessons	
Fieldwork, Economic Theory, and Research on Institutions in Developing Countries	102
Payoffs from Panels in Low-Income Countries: Economic Development and Economic Mobility	107
Mark R. Rosenzweig	112
Recent Advances in Econometric Methodology for Policy Analysis Weak Instruments: Diagnosis and Cures in Empirical Econometrics	
Jinyong Hahn and Jerry Hausman	118
Sensitivity to Exogeneity Assumptions in Program Evaluation	126 133
Impact of Modern Economic Theory on Policy and Empirical Research Market Design: The Policy Uses of Theory	139

Modern Theory of Unemployment Fluctuations: Empirics and Policy Applications . <i>Robert E. Hall</i> An Examination of the Influence of Theory and Individual Theorists on Empirical Research in Microeconomics	145 151
Views of Economics from Neighboring Social Sciences	
Economic Behavior in Political Context Larry M. Bartels and Henry E. Brady	156
A Psychological Perspective on Economics	162
Truth	169
Behavioral Economics, Public Policy, and Paternalism	
Libertarian Paternalism	175 180
Studying Optimal Paternalism, Illustrated by a Model of Sin Taxes	100
Ted O'Donoghue and Matthew Rabin	186
Experimental Economics	
Models of Thinking, Learning, and Teaching in Games	192
	192
Lessons Learned: Generalizing Learning Across Games David J. Cooper and John H. Kagel Testing Political Economy Models of Reform in the Laboratory	202
	208
Assessing Living Standards: From the Pre-Columbian Era to the Present	
What Can Be Learned from Skeletons that Might Interest Economists, Historians, and Other Social	
Scientists?	213
Living Standards During the Industrial Revolution: An Economist's Guide Hans-Joachim Voth	221
The Rising Price of Nonmarket Goods	227
Maternity and Motherhood	
At What Level of Labor-Market Intermittency Are Women Penalized?	
Julie L. Hotchkiss and M. Melinda Pitts	233
Low Take-Up in Medicaid: Does Outreach Matter and for Whom?	238
1990's	242
Did Expanding the EITC Promote Motherhood? Reagan Baughman and Stacy Dickert-Conlin	247
Health Insurance, Retirement, and Monetary Policy	
Price and Spouse's Coverage in Employee Demand for Health Insurance	
Irena Dushi and Marjorie Honig	252
Guaranteeing Individual Accounts	257
Elizabeth T. Powers and David Neumark	261
Monetary Policy Under Imperfect Capital Markets in a Small Open Economy Anita Tuladhar	266
Reducing the Uninsured by Shifting Risk in Health Insurance	
Evaluating Alternative Approaches to Incremental Health-Insurance Expansion Jonathan Gruber A New Approach to Risk-Spreading via Coverage-Expansion Subsidies	271
John Holahan, Len M. Nichols, Linda J. Blumberg, and Yu-Chu Shen	277
Reducing Risk to Increase Access to Health Insurance	283
New Research on Welfare Reform	
Why Did the Welfare Rolls Fall During the 1990's? The Importance of Entry	
Leffrey Grogger Steven I Haider and Iacoh Klerman	288

Some Evidence on Race, Welfare Reform, and Household Income	293
	299
	304
Catching Up	
The Gender Gap in Wages, circa 2000	309
Assimilation across the Latino Generations	315 320
The Political Economy of Ending Racism and the WCAR	
The Economics of Reparations	326
Samuel L. Myers, Jr., Lajune Thomas Lange, and Bruce Corrie	330
Racial Stigma: Toward a New Paradigm for Discrimination Theory	334 338
The Implications of Financial and Nonfinancial Risk for Public Pension Reform	
Social Security and Individual Accounts as Elements of Overall Risk-Sharing Robert J. Shiller Comparing the Risks of Social Security with and without Individual Accounts	343
What Do We Know About the Risk of Individual Account Pensions? Evidence from Industrialized	348
Countries	354
Estate Taxation	
Inter-asset Differences in Effective Estate-Tax Burdens	260
Charitable Bequests and Taxes on Inheritances and Estates: Aggregate Evidence from across States and Time	360 366
Thanatology and Economics: The Behavioral Economics of Death Joel Slemrod	371
The Macroeconomics of Stock-Market Returns	
Consumption Risk and Expected Stock Returns	376
Annette Vissing-Jørgensen and Orazio P. Attanasio	383
Average Debt and Equity Returns: Puzzling? Ellen R. McGrattan and Edward C. Prescott	392
Lessons from Enron	200
Employer Stock and 401(k) Plans	398 405
Accounting in Partnerships Steven Huddart and Pierre Jinghong Liang	410
Competition Policy in Network Industries	
The Impact of Bankruptcy on Airline Service Levels Severin Borenstein and Nancy L. Rose	415
Integration and Independent Innovation on a Network	420
1998–2000	425
The Effects of Environmental Regulations on Pollution Emissions: Evidence from Plant-Level Da	ta
The Effects of Environmental Regulation on Technology Diffusion: The Case of Chlorine Manufac-	
turing Lori D. Snyder, Nolan H. Miller, and Robert N. Stavins	431
How Effective Is Green Regulatory Threat?	436

Estimating Regulation-Induced Substitution: The Effect of the Clean Air Act on Water and Ground Pollution	442
Preparing and Improving the Economics Teacher	
The Instructional Use and Teaching Preparation of Graduate Students in U.S. Ph.DGranting	
Economics Departments	449
A Model Teacher-Education Program for Economics	455
Regional Workshops to Improve the Teaching Skills of Economics Faculty	433
	460
	400
PROCEEDINGS	
Minutes of the Annual Meeting	465
Minutes of the Executive Committee Meetings	467
Reports	
Secretary	479
Treasurer	482
Finance Committee	486
Editor, American Economic Review	487
Editor, Journal of Economic Literature	499
Editor, Journal of Economic Perspectives	502
Director, Job Openings for Economists	504
Committee on Economic Education	507
Committee on the Status of Minority Groups in the Economics Profession	509
Committee on the Status of Women in the Economics Profession	513
Universal Academic Questionnaire Summary Statistics	521
The American Economic Association	
General Information on the Association	525
Certificate of Incorporation and Bylaws	527
Past Officers	531
Honors and Awards	533

THE purpose of the American Economic Association, ▲ according to its charter, is the encouragement of economic research, the issue of publications on economic subjects, and the encouragement of perfect freedom of economic discussion. The Association as such takes no partisan attitude, nor does it commit its members to any position on practical economic questions. It is the organ of no party, sect, or institution. People of all shades of economic opinion are found among its members, and widely different issues are given a hearing in its annual meetings and through its publications. The Association, therefore, assumes no responsibility for the opinions expressed by those who participate in its meetings. Moreover, the papers presented are the personal opinions of the authors and do not commit the organizations or institutions with which they are associated.

Editors' Introduction

This volume contains the *Papers and Proceedings* of the one hundred and fifteenth annual meeting of the American Economic Association. The *Proceedings* record the business activities of the Association in 2002, the annual membership meetings, and the April (2002) and January (2003) meetings of the Association's officers and committees. The *Papers* constitute the greater part of the volume. They comprise contributions that fill roughly the same number of pages as one and a half regular issues of *The American Economic Review*. We will take this opportunity to answer a number of commonly asked questions about the *Papers*.

Who chooses the authors? About a year in advance, the Association's President-elect, acting as program chairman, decides on the topics for which sessions will be organized. This is done after consultation and comment, both volunteered and solicited, from a wide range of individuals. (A *Call for Papers* appears in the Summer and Fall issues of *The Journal of Economic Perspectives*.)

The President-elect invites some sessions but with the help of a Program Committee selects most of the sessions from the proposals received. Each session organizer in turn invites several persons (usually three or four) to give papers on the theme of the session and asks others to give comments on the papers. The program chairman decides at the time of organization which sessions will be included in this volume. Space limitations restrict the number of printed sessions. This year we are printing 25 sessions, although a total of 145 sessions were sponsored, either solely by the American Economic Association or jointly with other allied societies.

Are discussants' comments published? Comments and discussions usually are not published. For all sessions, names and affiliations of commentators are printed at the start of each session, permitting readers especially interested in particular comments to write to the commentator for a copy of the discussion.

What standards must the papers meet? The American Economic Review's policy regarding availability of data also applies to the Papers and Proceedings: papers are published only if the data used in the analysis are clearly and precisely documented and are readily available to any researcher for purposes of replication. Otherwise,

the guidelines under which papers are published in the Papers and Proceedings differ considerably from those governing regular issues of the *Review*. First, the length of papers is strictly controlled. They must be no more than 12 typescript pages in three-paper sessions, and 10 typescript pages in four-paper sessions. Second, papers are not subjected to a formal refereeing process. However, a paper can be rejected if, after reading it, we conclude that it is utterly without merit. Third, the content and range of subject matter reflect the wishes of the President-elect to investigate and expose the current state of economic research and thinking. In most cases, therefore, the papers are exploratory and discursive, rather than formal presentations of original research.

In order to produce this volume by May, strict deadlines must be met, and there is no time for communication with every author about editing changes made in order to improve content and style and to satisfy space restrictions. Every effort is made to notify an author prior to the deadline if the paper is too long or does not satisfy other specifications.

For the most part, authors were quite cooperative this year, and for this we are grateful. We thank them for making our job easier.

Acknowledgments. The extremely tight production schedule of this issue requires a highly coordinated chain of events; every link in the chain must be a strong one. As in the past, we are indebted to a group of highly talented individuals for their help in bringing this project to fruition: Cynthia Cohen and Betty Marshall in the Princeton AER office capably handled the voluminous correspondence associated with this issue, and Laurie Burton served as proofreader extraordinaire. The staff of CPC-Ephrata, our typesetters, met the challenge of keeping the issue on schedule, and we are especially grateful to Sandy Snyder for overseeing the typesetting with diligence and good humor. Finally, as in past years, we thank Kathy Holewinski and the Banta Company for their dependable work in printing and distributing this issue.

> J. DAVID BALDWIN RONALD L. OAXACA

Foreword

Organizing the program for the annual meetings is the primary job of the President-elect, and an important job. The bulk of the work and judgment is provided by a program committee. The committee members I recruited were Marianne Baxter, Gary Burtless, Colin Camerer, Dora Costa, Avinash K. Dixit, Michael Greenstone, Peter Henry, Hilary Hoynes, Douglas Irwin, David Laibson, David Romer, Mark R. Rosenzweig, Joel Slemrod, B. Katherine Swartz, Finis R. Welch, Frank Wolak, and Jeff Wooldridge. Each member reviewed the proposals for contributed papers and sessions in one or more areas of economics. And each member was asked to organize an invited session that would appear in this volume. As a general theme for the invited sessions, I asked them to think primarily (but not exclusively) about sessions that relate research findings to public policy. The remaining sessions in this volume were organized by me or by others and included by tradition or by instruction from the Executive Committee. I think the program committee did an exemplary job of selecting both contributed and invited sessions and want to thank them for their efforts, judgment, and timeliness.

Also included in this volume is the Ely Lecture, which was delivered by Stanley Fischer. As he notes at the start of his lecture, the first selection for this lecture was Rudi Dornbusch, who chose the topic of the economic history of

Argentina. Sadly, Rudi died during the summer of 2002. Rudi's early death is a great loss for the profession and especially for Rudi's many students, colleagues, and friends. In his 27 years at MIT, Rudi, supervised more than 125 Ph.D. theses. He devoted himself to teaching and advising and was revered by his students. His contributions to economic theory were outstanding, with everyone knowing his overshooting model. As an advisor to governments and critic of governments, his insights were excellent, and his ability to reach the public with wit and originality extraordinary. He was a good friend to me and many others. Rudi enriched our profession and our lives; his early death is a profound loss.

The process of organizing the meetings is complex and extensive and progressed smoothly because of the talent and experience of Violet Sikes, Gwyn Loftis, and Marlene Hight of the AEA office in Nashville. Also critical to the process was the handling of correspondence by John Arditi at MIT, who showed his characteristic care, intelligence, and efficiency. All of the tasks of the President-elect (and of the President) are greatly eased by the efficiency and good sense of John Siegfried, to whom the Association is indebted. David Baldwin and Ron Oaxaca handled the prompt editing of this volume very smoothly despite a very tight schedule.

Peter A. Diamond

AMERICAN ECONOMIC ASSOCIATION

MEMBERSHIP INFORMATION

Membership includes **three quarterly publication/journals**, plus the *Papers and Proceedings*. Members may access the journals and Directory online, participate in and vote at the annual business meeting, and vote in the election of officers.

Publications/Journals:

American Economic Review (AER), four regular issues published in March, June, September, and December plus the *Papers and Proceedings* (*P&P*) of the annual meeting published in May. The regular issues and *P&P* are also available on CD-ROM. The *Directory of Members* is now published electronically.

Journal of Economic Literature (JEL), four issues published in March, June, September, and December. JEL has been available on CD-ROM since 1994; the CD is cumulative (December 1994 through the current issue). JEL switched from print to electronic media for disseminating bibliographic information. This information is available on the CD and online (see URL below).

Journal of Economic Perspectives (JEP), four issues published in February, May, August, and November. Issues are available on CD-ROM.

Journal delete option: You may choose not to receive one journal and deduct \$9.00 from your dues.

Membership records are updated monthly: posting date determines journal start date. Membership may not be backdated. Access to online journals is available after records are updated. Journals are mailed second class; please allow 6 to 8 weeks for arrival of journals shipped outside the U.S. Second Class mail service is unusually slow in December, allow 12 weeks for delivery. CDs are mailed First Class.

Regular Membership dues are based on annual income. **Junior Membership** is available to registered students for up to five years. Your faculty advisor or school registrar must certify student status. **Family Membership**, persons living at the same address as a regular member, is an additional membership without publications in print or on CD. A family member can obtain access to AEA journals online.

Membership dues may be paid for a maximum of three years at one time. Payments are not acknowledged at this time; keep a copy of your application for reference. Duplicate payments extend your membership. Payments may be made by check in U.S. dollars drawn on a U.S. bank and must contain proper coding to allow processing through the normal U.S. banking system. Complete all of the information on the application form including the "TOTAL PAID." You may also pay by credit card. Please check your card number. You may fax the application OR mail it, do not do both. The card companies do not allow us to accept payments by telephone or e-mail. It is the Association's policy NOT TO REFUND dues.

All three AEA journals are available online for personal use at no additional charge to AEA members (access available after records have been updated). For an additional \$15.00 per year, you also may access JSTOR for online back copies of all three journals.

All three journals are available on CD-ROM. You may elect to receive a journal in print format **OR** CD at no additional charge. You may choose to receive any of the journals in print **AND** on CD for an additional \$15.00 per journal.

It is very important to include your e-mail address and to keep it up to date. It often is used for verification of services. In addition, we plan to notify you of new services by e-mail.

AEA Headquarters: AEA Publications: http://www.vanderbilt.edu/AEA Home Page: http://www.aeaweb.org

American Economic Association

2014 Broadway, Suite 305
Nashville, TN 37203
Telephone: (615) 322.2595 Fax: (615) 343.7590

Journal Access for Members:

http://www.aeaweb.org/e-pubs

Telephone: (615) 322.2595 Fax: (615) 343.7590

4/03 Research: http://www.aeaweb.org/RFE

American Economic Association Application for Membership 2003

Federal I.D. No. 36-2166945

Fax No. Do not post e-mail address or Internet. Secondary Field (ED2)	ddress Line 2 ddress Line 3 dity State/Country Fax No.	Address Line 2 Address Line 3 City State/Country Zip/Postal Co	
State Stat	State/Country State/Country Zip/Postal Code Pax No. Do not post e-mail address on Internet. Secondary Field (ED2) Secondary Field (ED2) Secondary Field (ED2) Secondary Field (ED2) Commercial Advertising	Address Line 3	
Fax No. Do not post e-mail address on Internet. Fax No. Do not post e-mail address on Internet. Secondary Field (ED2) Secondary Field (ED2	Fax No.	City State/Country Zip/Postai Co. Felenhone Fax No.	1
Do not post e-mail address on Internet.	Do not post e-mail address on Internet. icids of Specialization (list 2 only): Primary Field (ED1)	Leiennone Fax No	de
nclude my name on e-mail list to receive: □ Announcements □ Survey □ Commercial Advertising Advertising Announcements □ Survey □ Commercial Expertion □ Survey □ Survey □ Survey □ Survey □ Commercial Expertise □ Survey □	ields of Specialization (list 2 only): Primary Field (ED1) Secondary Field (ED2) Include my name on e-mail list to receive: Announcements Survey Commercial Advertising fembership Dues—Dues include three journals: AER, JEL, & JEP. Journals available in print form and/o OM. Also available online for personal use. Sign up at https://www.aeaweb.org/e-pubs. It is the Association of the print of the prin	E-mail Address	vil addrage on Internet
Membership Dues	fembership Dues—Dues include three journals: AER, JEL, & JEP. Journals available in print form and/or OM. Also available online for personal use. Sign up at http://www.aeaweb.org/e-pubs . It is the Association of the Print of Pamily Members (03) \$12 (Additional membership, no publications) \$13 (Amounts Paid: Regular/Junior Dues \$_Family member (05), 100 (10) \$87 (Additional membership, no publications) \$10 (Additional membership, no publications \$10 (Additional membership, no publications) \$10 (Additional membership, no publications \$10 (Additional membership, no pub	Fields of Specialization (list 2 only): Primary Field (FD1) Secondary Field (FD2)	in address on internet.
All the print CD only Print CD only Print CD only CD St6 each AER A B C St15 JEL D E F St15 JEL D D D D D D D D D	Amounts Paid: Country other than U.S.A.		
lease circle journal format desired (F0). Print only requires no entry. Journal Print CD only CD Print + CD add \$15 ea. AER A B C \$15 JEL D E F \$15 JEP G H I \$15 MPORTANT: Allow time for processing of your membership. Immediate access to online journals is not vailable. Online access is restricted to your personal use. Checks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughout the special or	lease circle journal format desired (F0). Print only requires no entry. Journal Print CD only CD Print + CD add \$15 ea. AER A B C \$15 JEL D E F \$15 JEP G H 1 \$15 MPORTANT: Allow time for processing of your membership. Immediate access to online journals is not variable. Online access is restricted to your personal use. Checks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughout the processing of the process o	OM. Also available online for personal use. Sign up at http://www.aeaweb.org/e-prolicy not to refund dues . Regular Member With annual income of:) \$41,000 or less (08) \$41,000 or less (08) \$41,000 or less (08) \$41,000 or less (08) \$42 no publications) Family Members (03) \$12 Amo (Additional membership, Regular Members (03) Family Members (03) \$12 Amo (Additional membership, Regular Members (03) Family Members (03) \$12 Amo (Additional membership, Regular Members (03) Family Members (03) \$12 Amo (Additional membership, Regular Members (03) Family Members (04) Family Members (03) Family Members (04) Family Mem	unts Paid: alar/Junior Dues \$
AER A B C \$15 JEL D E F \$15 JEP G H I \$15 MPORTANT: Allow time for processing of your membership. Immediate access to online journals is not vailable. Online access is restricted to your personal use. thecks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughout the processing throughout the processing throughout the process of	AER A B C \$15 JEL D E F \$15 JEP G H I \$15 MPORTANT: Allow time for processing of your membership. Immediate access to online journals is not vailable. Online access is restricted to your personal use. hecks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughout the processing system. Send checks to: American Economic Association 2014 Broadway, Ste 305 Nashville, TN 37203 harge to: MasterCard Visa American Express ard Number Expire Date Telephone # ignature ype cardholder's name if different from member's	Print + Print + CD add	
JEL D E F \$15 JEP G H I \$15 MPORTANT: Allow time for processing of your membership. Immediate access to online journals is not available. Online access is restricted to your personal use. Checks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughout the properties of the processing throughout the properties of the processing throughout the properties of the process of the properties of the process of the properties of the properties of the process of the properties of the propert	JEL	71000	
MPORTANT: Allow time for processing of your membership. Immediate access to online journals is not viailable. Online access is restricted to your personal use. Checks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughormal US banking system. Send checks to: American Economic Association 2014 Broadway, Ste 305 Nashville, TN 37203 Charge to: MasterCard Visa American Express Expire Date Expire Dat	JEP G H I \$15 MPORTANT: Allow time for processing of your membership. Immediate access to online journals is not vailable. Online access is restricted to your personal use. Checks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughout the processing through the processing throughout the processing throughout the processing throughout the processing throughout the processing through the processing throu		
MPORTANT: Allow time for processing of your membership. Immediate access to online journals is not vailable. Online access is restricted to your personal use. Checks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughormal US banking system. Send checks to: American Economic Association 2014 Broadway, Ste 305 Nashville, TN 37203 Charge to: MasterCard Visa American Express Expire Date Telephone # Signature	MPORTANT: Allow time for processing of your membership. Immediate access to online journals is not vailable. Online access is restricted to your personal use. Checks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughout the processing through the processing throughout the processing through the		
Checks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughormal US banking system. Send checks to: American Economic Association 2014 Broadway, Ste 305 Nashville, TN 37203 Charge to: MasterCard Usia American Express Expire Date Telephone # Signature	vailable. Online access is restricted to your personal use. Checks must be in US dollars drawn on a US bank and must contain proper coding to allow processing throughout the processing through the processing throughout the pr		
Nashville, TN 37203 Charge to: MasterCard Visa American Express Card NumberExpire Date Fax #Telephone # Signature	Nashville, TN 37203 Charge to: MasterCard Visa American Express Eard Number Expire Date ax # Telephone # ignature ype cardholder's name if different from member's		•
Card NumberExpire Date Fax #Telephone # Signature	ax #Telephone # ignature type cardholder's name if different from member's	normal US banking system. Send checks to: American Economic Association	
Fax #Telephone #	ax #Telephone # ignature 'ype cardholder's name if different from member's	normal US banking system. Send checks to: American Economic Association 2014 Broadway, Ste 305	
Signature	ignature	normal US banking system. Send checks to: American Economic Association 2014 Broadway, Ste 305 Nashville, TN 37203 Charge to: MasterCard U Visa American Express	
	ype cardholder's name if different from member's	normal US banking system. Send checks to: American Economic Association 2014 Broadway, Ste 305 Nashville, TN 37203 Charge to: MasterCard UVisa American Express Expire Date	
		normal US banking system. Send checks to: American Economic Association 2014 Broadway, Ste 305 Nashville, TN 37203 Charge to: MasterCard Uisa American Express Expire Date Expire Date Telephone #	