

THE JOURNAL OF HUMAN RESOURCES

JHR

VOLUME 52, NUMBER 4
FALL 2017

IN THIS ISSUE

Erik Grönqvist,
Björn Öckert,
and Jonas Vlachos

Simone Schaner

Brian Duncan,
Hani Mansour,
and Daniel I. Rees

Jaegeum Lim
and Jonathan Meer

Kyung H. Park

Olivier Bargain
and Karina Doorley

Jennifer Hunt

Robyn C. Meeks

Managing Editor Jan Levine Thal Retires iii

The Intergenerational Transmission of Cognitive
and Noncognitive Abilities.....887

The Cost of Convenience? Transaction Costs,
Bargaining Power, and Savings Account Use in Kenya919

It's Just a Game: The Super Bowl and Low Birth Weight.....946

The Impact of Teacher–Student Gender Matches:
Random Assignment Evidence from South Korea979

The Impact of Judicial Elections in the
Sentencing of Black Crime998

The Effect of Social Benefits on Youth Employment:
Combining Regression Discontinuity and a
Behavioral Model.....1032

The Impact of Immigration on the Educational
Attainment of Natives.....1060

Water Works: The Economic Impact of
Water Infrastructure.....1119

Get JHR Online

The Journal of Human Resources is available on our website, on Project MUSE, and the complete archive is on JSTOR. See jhr.uwpress.org for details.



THE JOURNAL OF HUMAN RESOURCES

Editor

David Figlio

Coeditors

Anna Aizer
Scott E. Carrell
Elizabeth U. Cascio
Thomas DeLeire
David Deming
Paul Devereux
Joseph Doyle
Donna B. Gilleskie
Rema N. Hanna
Judith K. Hellerstein
Jennifer A. Hunt
C. Kirabo Jackson
Melissa Kearney
Cristian Pop-Eleches
Stephen J. Trejo

Associate Editors

Michael L. Anderson
Brian C. Cadena
Damon Clark
Carlos Dobkin
Todd Elder
Mark Hoekstra
Scott Imberman
Jeanne Lafortune
Stephan Litschig
Katrine Vellesen Løken
Michael Lovenheim
Steven G. Rivkin
Heather N. Royer
Tim R. Sass
Diane W. Schanzenbach
Alessandro Tarozzi
Tom S. Vogl

Managing Editor

Lisa Al-Amoodi

Advisory Board

Sandra Black
Barry Gerhart
Timothy M. Smeeding
Christopher R. Taber

Editorial Office

Social Science Building
University of Wisconsin
1180 Observatory Drive
Madison, WI 53706
(608) 262-4867

email: lalamoodi@wisc.edu

<http://jhr.uwpress.org/>

© 2017 by the Board
of Regents of the
University of
Wisconsin System

Permission to Reprint, Subscription, and Advertising Office

Journals Division

The University of Wisconsin Press
1930 Monroe Street, 3rd Floor
Madison, WI 53711-2059
(608) 263-0668
FAX (608)263-1173
uwpress.wisc.edu/journals

Authorization to reproduce material from this journal, beyond one copy for personal use or that permitted by Sections 107 and 108 of U.S. Copyright Law, is granted for a fee. For fee schedule and payment information, contact: www.copyright.com. The Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, phone 978 750 8400, fax 978 750 4470

Subscription Rates

\$105.00 a year for individuals—includes print and electronic (must prepay); \$90.00 includes electronic only
\$350.00 a year for institution and libraries—includes print and electronic
\$305.00 a year for institution and libraries—includes electronic only.
add \$40.00 for foreign subscriptions

Journal of Human Resources (ISSN 0022-166X E-ISSN 1548-8004) is published quarterly by the University of Wisconsin Press, 1930 Monroe St., 3rd Floor, Madison, WI 53711-2059. Periodicals postage paid at Madison, WI and at additional mailing offices. POSTMASTER: Send address changes to Journal of Human Resources, 1930 Monroe St., 3rd Floor, Madison, WI 53711-2059.

JHR Editorial Board

The editors of the *Journal of Human Resources* (JHR) intend to add to the JHR's decades of accomplishment by offering rigorous and policy-relevant articles. **The Editor** is David Figlio of Northwestern University; **The Board of Editors includes:** Anna Aizer of Brown University; Scott E. Carrell of the University of California, Davis; Elizabeth U. Cascio of Dartmouth College; Thomas DeLeire of Georgetown University; David Deming of Harvard University; Paul Devereux of the University College, Dublin; Joseph Doyle of the Massachusetts Institute of Technology; Donna B. Gilleskie of the University of North Carolina at Chapel Hill; Rema N. Hanna of Harvard University; Judith K. Hellerstein of the University of Maryland; Jennifer A. Hunt of Rutgers University; C. Kirabo Jackson of Northwestern University; Melissa Kearney of the University of Maryland; Cristian Pop-Eleches of Columbia University; Stephen J. Trejo of University of Texas, Austin. **The Associate Editors include:** Michael L. Anderson of the University of California, Berkeley; Brian C. Cadena of the University of Colorado; Damon Clark of the University of California, Irvine; Carlos Dobkin of the University of California, Santa Cruz; Todd Elder of Michigan State University; Mark Hoekstra of Texas A&M; Scott Imberman of Michigan State University; Jeanne LaFortune of Pontificia Universidad Católica de Chile; Stephan Litschig of the Universität Pompeu Fabra; Katrine Velleßen Løken of the University

of Bergen; Michael Lovenheim of Cornell University; Steven G. Rivkin of the University of Chicago, Chicago Circle; Heather N. Royer of the University of California, Santa Barbara; Tim R. Sass of Georgia State University; Diane W. Schanzenbach of Northwestern University; Alessandro Tarozzi of the Universität Pompeu Fabra; Tom S. Vogl of Princeton University.

On the Web

<http://jhr.uwpress.org/>

Submission Requirements

The JHR requires that all authors submit all manuscripts online. Please submit online at: <http://jhr.msubmit.net>.

Do not send submissions directly to the Editor, Coeditors, Managing Editor, or Editorial Office. Failure to submit online will only delay consideration. Please submit here: <http://jhr.msubmit.net>.

Please see the submission website for information about the submission fee.

Please note that the JHR rarely considers submissions that have more than 35 pages of text, excluding tables, figures, and references. Appendixes with additional material may be submitted for consideration by editors and reviewers. An informational website with tables of contents, abstracts, and appendixes: www.ssc.wisc.edu/jhr

If you have difficulty submitting online, please contact JHR Managing Editor, Lisa Al-Amoodi <lalamoodi@wisc.edu>

JHR Policy on Replication and Data Availability

1. Manuscripts submitted to the JHR will be judged in part by whether they have reconciled their empirical results with already published work on the same topic.
2. Authors of accepted manuscripts will be asked to make their data available to other analysts from a date six months after JHR publication for a period of three years thereafter. Exemption from this requirement may be requested.
3. The JHR will consider replication, fragility, and sensitivity studies of empirical work that has appeared in the JHR in the last five years or empirical work judged by the editors to be important to the fields covered by the JHR.
4. A more detailed statement is available from the Managing Editor, Social Science Building, University of Wisconsin, 1180 Observatory Drive, Madison, WI 53706; lalamoodi@wisc.edu

Managing Editor Jan Levine Thal Retires



Jan Levine Thal, long-time Managing Editor of the *Journal of Human Resources*, retires this fall. She was recruited in 1985 to replace then-retiring Barbara Dennis. Jan has a bachelor's degree from Harvard University, and master's degrees from Northwestern University and the University of Wisconsin–Madison. Jan is an active member of the Madison community, including serving currently as the Artistic Director of Kathie Rasmussen Women's Theatre and previously as the President of the Board of Directors of Madison's community radio station, WORT-FM.

Jan's knowledge, skills, and commitment have been of invaluable help to the journal's past and current editors. Jan has shepherded the journal through the dramatic revolution in scholarly publishing brought on by the information age. She began the position working on a typewriter and mailing hard-copy manuscripts for review and proofing. She concluded her tenure at the journal managing approximately 1000 online manuscript submissions annually and publishing the journal in print and online for thousands of readers worldwide.

The editorial board extends its thanks to Jan for her commitment to ensuring excellence and timeliness in publishing, as well as her dedication to assisting the editorial board in managing peer review with diplomacy and grace. Jan's outstanding work has contributed to the success and reputation of the journal. We are grateful and wish her well.

—The JHR Editorial Board

Editors

David N. Figlio	2015–Present	Charles F. Manski	1991–1995
Sandra Black	2012–2015	Robert Moffitt	1988–1991
William N. Evans	2007–2012	Eugene Smolensky	1986–1988
Jonathan S. Skinner	2002–2007	W. Lee Hansen	1982–1985
James R. Walker	1995–2002		

JHR

THE JOURNAL OF HUMAN RESOURCES



Preprint
Articles
Available

jhr.uwpress.org

Editor: David N. Figlio

ISSN 0022-166X

e-ISSN 1548-8004

Published 4/year

Impact Factor 2.371

5-yr Impact Factor 3.162



NEW!
*Preprint articles
are available
online to
subscribers. See
jhr.uwpress.org for
more information.*

The Journal of Human Resources is among the leading journals in empirical microeconomics. Intended for scholars, policy makers, and practitioners, each issue examines research in a variety of fields including labor economics, development economics, health economics, and the economics of education, discrimination, and retirement. Founded in 1965, the JHR features articles that make scientific contributions in research relevant to public policy practitioners.



University of Wisconsin Press Journals

1930 Monroe Street, 3rd Floor, Madison, WI 53711-2059 U.S. | journals@uwpress.wisc.edu
p 608 263-0668 | f 608 263-1173 or (U.S. only) 800 258-3632 | <http://uwpress.wisc.edu/journals/>

IN THE NEXT ISSUE

George J. Borjas,
Kirk B. Doran,
and Ying Shen

Ethnic Complementarities after the
Opening of China: How Chinese
Graduate Students Affected the
Productivity of Their Advisors

Shintaro Yamaguchi

Changes in Returns to Task-Specific
Skills and Gender Wage Gap

Aline Bütikofer
and Meghan M. Skira

Missing Work is a Pain: The Effect of
Cox-2 Inhibitors on Sickness Absence
and Disability Pension Receipt

Jee-Yeon K. Lehmann,
Ana Nuevo-Chiquero,
and Marian Vidal-Fernandez

The Early Origins of Birth Order
Differences in Children's Outcomes
and Parental Behavior

Owen Ozier

The Impact of Secondary Schooling
in Kenya: A Regression Discontinuity
Analysis

Prashant Bharadwaj,
Petter Lundborg,
and Dan-Olof Rooth

Birth Weight in the Long Run

Marc K. Chan

Measuring the Effects of Welfare
Time Limits

Javaeria A. Qureshi

Siblings, Teachers, and Spillovers on
Academic Achievement