

# THE JOURNAL OF HUMAN RESOURCES

# JHR

VOLUME 56, NUMBER 3  
SUMMER 2021

## IN THIS ISSUE

Jacobus Cilliers, Isaac M. Mbiti,  
and Andrew Zeitlin

Jie Gong, Yi Lu,  
and Hong Song

Nathan Barrett,  
Andrew McEachin,  
Jonathan N. Mills,  
and Jon Valant

Corey White

Pedro Raposo, Pedro Portugal,  
and Anabela Carneiro

Ulrik Hvidman  
and Hans Henrik Sievertsen

Michael Levere

Kelly Chen, Zeynep Hansen,  
and Scott Lowe

John J. Conlon

Gian Paolo Barbetta,  
Giuseppe Sorrenti,  
and Gilberto Turati

Clive R. Belfield,  
Milagros Nores, Steve Barnett,  
and Lawrence Schweinhart

Can Public Rankings Improve School Performance? Evidence  
from a Nationwide Reform in Tanzania..... 655

Gender Peer Effects on Students' Academic and Noncognitive  
Outcomes: Evidence and Mechanisms ..... 686

Disparities and Discrimination in Student Discipline by Race  
and Family Income ..... 711

Measuring Social and Externality Benefits  
of Influenza Vaccination..... 749

The Sources of the Wage Losses of Displaced Workers: The Role of  
the Reallocation of Workers into Firms, Matches, and Job Titles..... 786

High-Stakes Grades and Student Behavior ..... 821

The Labor Market Consequences of Receiving Disability  
Benefits during Childhood..... 850

Why Do We Inflate Grades? The Effect of Adjunct Faculty Employment  
on Instructor Grading Standards..... 878

Major Malfunction: A Field Experiment Correcting Undergraduates'  
Beliefs about Salaries ..... 922

Multigrading and Child Achievement..... 940

Corrigendum to "The High/Scope Perry Preschool  
Program: Cost-Benefit Analysis Using Data  
from the Age-40 Followup" ..... 969

Read JHR online at  
**jhr.uwpress.org**

Also available on JSTOR and Project MUSE.



## THE JOURNAL OF HUMAN RESOURCES

### *Editor*

Anna Aizer

### *Coeeditors*

Prashant Bharadwaj

Aline Bütikofer

Scott E. Carrell

Michael Darden

Paul Devereux

Jessica Goldberg

Scott Imberman

Lisa Blau Kahn

Michael Lovenheim

Ofer Malamud

Isaac Mbiti

Douglas L. Miller

Marianne E. Page

Diane W. Schanzenbach

Kosali I. Simon

Stephen J. Trejo

Shing-Yi Wang

Tara Watson

Junsen Zhang

### *Associate Editors*

Lisa Barrow

Lori A. Beaman

Brian C. Cadena

Damon Clark

Carlos Dobkin

Todd Elder

Nora E. Gordon

Mark Hoekstra

Jeanne LaFortune

Stephan Litschig

Jonathan Meer

Matthew J. Neidell

Pia M. Orrenius

Steven G. Rivkin

Tim R. Sass

Alessandro Tarozzi

### *Associate Editor of Research Impact*

Scott Cunningham

### *Managing Editor*

Lisa Al-Amoodi

### *Advisory Board*

Sandra Black

David Figlio

Timothy M. Smeeding

Christopher R. Taber

The JHR is housed in the Institute for Research on Poverty of the University of Wisconsin–Madison, Katherine Magnuson, Director.

### *Editorial Office:*

Sewell Social Science Bldg.

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

email: [lalamoodi@wisc.edu](mailto:lalamoodi@wisc.edu)

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

© 2021 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

728 State Street, Suite 443

Madison, WI 53706-1418

(608) 263-0668

FAX (608) 263-1173

[uwpress.wisc.edu/journals](http://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](http://www.copyright.com). The Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923; Phone (978) 750-8400, Fax (978) 750-4470

### *Subscription Rates*

Individuals print and electronic: \$119.00/year

Individuals electronic only: \$103.00/year

Institutions print and electronic: \$411.00/year

Institutions electronic only: \$369.00/year

Add \$40.00/year for airmail

Journal of Human Resources (ISSN 0022-166X, E-ISSN 1548-8004) is published quarterly by the University of Wisconsin Press, 728 State Street, Suite 443, Madison, WI 53706-1418. Periodicals postage paid at Madison, WI and at additional mailing offices. POSTMASTER: Send address changes to Journal of Human Resources, 728 State Street, Suite 443, Madison, WI 53706-1418.

## 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 Anna Aizer of Brown University. **The Board of Editors includes:** Prashant Bharadwaj of University of California, San Diego; Aline Bütikofer of Norwegian School of Economics; Scott E. Carrell of University of California, Davis; Michael Darden of Johns Hopkins University; Paul Devereux of University College, Dublin; Jessica Goldberg of University of Maryland; Scott Imberman of Michigan State University; Lisa Blau Kahn of Rochester University; Michael Lovenheim of Cornell University; Ofer Malamud of Northwestern University; Isaac Mbiti of University of Virginia; Douglas L. Miller of Cornell University; Marianne E. Page of University of California, Davis; Diane W. Schanzenbach of Northwestern University; Kosali I. Simon of Indiana University; Stephen J. Trejo of University of Texas, Austin; Shing-Yi Wang of the University of Pennsylvania; Tara Watson of Williams College; Junsen Zhang of Chinese University of Hong Kong. **The Associate Editors include:** Lisa Barrow of the Federal Reserve Bank of Chicago; Lori A. Beaman of Northwestern University; Brian C. Cadena of University of Colorado; Damon Clark of University of California, Irvine; Carlos Dobkin of University of California, Santa Cruz; Todd Elder of Michigan State University; Nora E. Gordon of Georgetown University; Mark Hoekstra of Texas A&M University; Jeanne LaFortune of Pontificia Universidad Católica de Chile; Stephan Litschig of Universität Pompeu Fabra; Jonathan

Meer of Texas A&M University; Matthew J. Neidell of Columbia University; Pia M. Orrenius of the Federal Reserve Bank of Dallas; Steven G. Rivkin of University of Chicago; Tim R. Sass of Georgia State University; Alessandro Tarozzi of Universität Pompeu Fabra. **The Associate Editor of Research Impact** is Scott Cunningham of Baylor 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 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](http://www.ssc.wisc.edu/jhr)

If you have difficulty submitting online, please contact JHR Managing Editor, Lisa Al-Amoodi <[lalamoodi@wisc.edu](mailto: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 results with already published research on the same topic.
2. Authors of accepted manuscripts will be asked to preserve the data used in their analysis and to make the data available online in a well-curated repository (for example, the Inter-University Consortium for Political and Social Research (ICPSR), The Dataverse Project, or one's institutional repository) in the public domain [CC0 1.0 Universal (CC0 1.0) license]. Authors are required to provide their archive plans as a footnote with the submitted manuscript, including a persistent link (preferably a DOI link) to the data set. Authors are responsible for making available complete replication materials, including the data and code, models, and other materials necessary for replication, along with a read-me file to assist others in using the data. If the data are publicly available or, on the other hand, an exemption has been requested, authors should provide any supporting replication materials that can be supplied to assist researchers with replication, to be published with the manuscript as an Online Appendix.
3. Authors wishing to request an exemption from the data availability requirement should notify the editors at the time of manuscript submission; otherwise, authors will be assumed to accept the requirement. The use of proprietary data sets, for example, may prompt an exemption request. The JHR may grant a waiver of the replication policy if the data meet these criteria: (i) there is any method at all by which other researchers may obtain the data, and (ii) the authors commit to providing guidance about obtaining the data. In requesting a waiver, please provide a brief explanation of why the waiver is required and how you meet these criteria.
4. Authors who wish clarification of any aspect of this policy statement may write to the editor.

## IN THE NEXT ISSUE

- |   |  |
|---|--|
| Emilia Simeonova,<br>Janet Currie, Peter Nilsson,<br>and Reed Walker  | Congestion Pricing, Air Pollution,<br>and Children's Health  |
| Nicholas W. Papageorge,<br>Gwyn C. Pauley,<br>Mardge Cohen,<br>Tracey E. Wilson,<br>Barton H. Hamilton,<br>and Robert A. Pollak | Health, Human Capital,<br>and Domestic Violence  |
| Margaret E. Brehm   | Taxes and Adoptions from Foster<br>Care: Evidence from the Federal<br>Adoption Tax Credit  |
| Elizabeth Setren  | Targeted vs. General Education<br>Investments: Evidence from Special<br>Education and English Language<br>Learners in Boston Charter Schools |
| Jeffrey T. Denning and<br>Todd R. Jones   | Maxed Out? The Effect of Larger<br>Student Loan Limits on Borrowing<br>and Education Outcomes  |
| Sandra V. Rozo and<br>Hernan Winkler  | Is Informality Good for Business?<br>The Impacts of Inflows of Internally<br>Displaced Persons on Formal Firms                               |
| Laura Pagani, Simona Comi,<br>and Federica Origo  | The Effect of School Rank on<br>Personality Traits   |
| Andrew C. Johnston<br>and Carla Johnston  | Is Compassion a Good Career Move?<br>Nonprofit Earnings Differentials<br>from Job Changes  |
| Rachid Laajaj and<br>Karen Macours  | Measuring Skills in Developing<br>Countries  |
| Brian Dillon  | Selling Crops Early to Pay for School:<br>A Large-Scale Natural Experiment<br>in Malawi  |