

ANJALI ADUKIA

Contact Information

The University of Chicago Harris School of Public Policy

1307 East 60th Street, Chicago, Illinois 60637, USA

adukia@uchicago.edu

<http://anjaliadukia.com>

Pronouns: she/they

Current Appointment:

2014 – Assistant Professor, University of Chicago, Harris School of Public Policy and the College

Undergraduate Studies:

B.S., Molecular and Integrative Physiology, University of Illinois at Urbana-Champaign, 2000

Graduate Studies:

Harvard University Graduate School of Education

Ed.D., Quantitative Policy Analysis in Education, Economics Track, 2014

Thesis Title: *“The Role of Basic Needs in Educational Decisions: Essays in Education and Development Economics”*

Thesis Committee: Bridget Long (chair), Lawrence Katz, Michael Kremer, Dick Murnane

Visiting Student: Stanford University, Center for Education Policy Analysis, 2011-12

Ed.M., International Education Policy, 2012

Ed.M., Administration, Planning, and Social Policy (Higher Education), 2003

Teaching and Research Fields:

Education Policy, International Development, Children, Gender

Research:

“What We Teach about Race and Gender: Representation in Images and Text of Children’s Books” (with A. Eble, E. Harrison, H.B. Runesha, T. Szasz) (July 2022, *NBER WP 29123*, Revised and resubmitted to *Quarterly Journal of Economics*)

- Press: *School Library Journal*, *Wall Street Journal*, *Inequalitalks*, *The 74*, *Code Together*, *FutureEd*, *ParentData*, *New York Times*, named one of the most significant education studies of 2021 by George Lucas Foundation’s *Edutopia*, received first place poster prize at APPAM, Received the 2021 Google Customer Award for Education and the 2021 Google Customer Award for Diversity, Equity & Inclusion

“Category Embeddings Measure Intersectional Portrayals of Race and Gender” (with A. Eble & E. Harrison) (*Revision invited from Nature*)

“Tales and Tropes: Gender Roles from Word Embeddings in a Century of Children’s Books” (with P. Chiril, C. Christ, A. Das, A. Eble, E. Harrison, H.B. Runesha) (2022, *Proceedings of the 28th International Conference on Computational Linguistics (COLING)*)

“Economic and Social Development along the Urban-Rural Continuum: New Opportunities to Inform Policy” (with A. Cattaneo, D. Brown, L. Christiaensen, D.K. Evans, A. Haakenstad, T. McMenemy, M. Partridge, S. Vaz, D. Weiss) (September 2022, *World Development*)

“From Retributive to Restorative: An Alternative Approach to Justice” (with B. Feigenberg & F. Momeni) (July 2022, Working Paper)

“Portrayals of Race and Gender: Sentiment in 100 Years of Children’s Literature” (with C. Christ, A. Das, A. Raj) (June 2022, *Proceedings of the ACM SIGCAS/SIGCHI Conference on Computing*)

and Sustainable Societies 2022)

“Measuring Representation of Race, Gender, and Age in Children's Books: Face Detection and Feature Classification in Illustrated Images” (with T. Szasz, E. Harrison, P. Liu, P. Lin, H.B. Runesha) (January 2022, *Proceedings of the IEEE/CVF Winter Applications of Computer Vision Conference*)

“Spillover Impacts on Education from Employment Guarantees” (January 2022, *Education Finance and Policy*)

“Religion and Sanitation Practices” (with M. Alsan, K. Babiarz, J. Goldhaber-Fiebert, & L. Prince) (May 2021, *World Bank Economic Review*)

“Educational Investment Responses to Economic Opportunity: Evidence from Indian Road Construction” (with S. Asher & P. Novosad) (January 2020, *American Economic Journal: Applied Economics*)

“Sanitation and Education” (April 2017, *American Economic Journal: Applied Economics*)
 - Press: *Harvard Ed. Magazine, World Bank Development Impact blog, Radio Harris, Chicago Policy Review, The Economic Times, Pulitzer Center Global Health NOW*

Under Preparation:

“Externalities of Targeting: Evidence from School-Uniform Provision”

“Schooling and Patience: Environmental Factors in the Development of Self-Control”

Op-Eds, Blog Posts, Policy Briefs:

“Road connectivity and rural economic development: Evidence from India’s rural roads programme.” (with S. Asher & P. Novosad) *VoxDev*. July 2022.

“Employing Artificial Intelligence to Measure and Improve Representation in Children’s Books” *Scholars Strategy Network*. December 2021.

“India’s National Education Policy: A need to look beyond the classroom to improve results” *VoxDev*. November 2019.

“How sanitation facilities in schools can improve educational outcomes.” *Ideas for India*. Aug 2018.

“Promoting Education through School Sanitation” *World Bank Development Impact*. March 2014.

“The Impact of the Financial Crisis on Tertiary Education World Wide” (with B. Long). World Bank, August 2009.

“The Broadmoor Project New Orleans Community Engagement Initiative: Progress Report” (with D. Ahlers, M. Blakley, L. Cole, M. El Dahshan, A. Hodari, H. Ko, J. Maeso, A. Noble, D. Radcliffe, M. Richards, C. Valentine, A. Van, D. Walsh, A. Watson, A. Woods, C. Wood, J. Wright, & K. Yang). Harvard Kennedy School - Broadmoor Initiative, March 2007.

Teaching and Advising Experience:

University of Chicago: *Education and Economic Development* (Undergraduate, Graduate, Evening Program, Data and Public Policy Summer Scholar Program), *Violence in the Early Years* (Undergraduate, Graduate), Individual Reading/Research Workshop, *Education, Inequality, and Marginalized Populations* (Levin Seminar), Pathway Program in Economics

Harvard University: *Microeconomics* (Intensive Preparation for the Study of International Education, Harvard Graduate School of Education), Undergraduate Concentration Advisor (Harvard Department of Economics), Teaching Fellow (Harvard Graduate School of Education Degree Program, Quantitative Policy Analysis in Education, Doctoral Concentration), Teaching Fellow (Harvard Graduate School of Education Degree Program, Special Studies Master’s

Program)

Abdul Latif Jameel Poverty Action Lab/MIT: *Evaluating Social Programs* Executive Training
(Teaching Assistant)

Honors, Grants, Scholarships, and Fellowships:

2021	Education Policy Collaborative (EPC) Early Career Award
2020-22	Institute of Education Sciences (\$884K)
2019-20	Center for Data and Applied Computing Research Discovery Grant (\$99.8K)
2018-23	William T. Grant Scholar (\$350K)
2018-20	National Academy of Education/Spencer Postdoctoral Fellowship (\$70K)
2018	Feminist Forum Professor Award: Honorable Mention (University of Chicago)
2018	Tata Centre for Development at the University of Chicago (\$26K)
2017	Successful Pathways from School to Work Initiative, Hymen Milgrom Supporting Organization (\$50K)
2017	Committee on Southern Asian Studies Special Projects Fund (\$6.8K)
2017	The Pearson Institute Research Fund (\$14.8K)
2016-17	Emerging Education Policy Scholar (American Enterprise Inst., Fordham Inst.)
2015-16	Nat. Inst. of Child Health & Human Development Grant R24 HD051152-05 (\$20K)
2015	Assoc. for Education Finance & Policy Jean Flanigan Outstanding Dissertation Award
2015	Comparative and International Education Society (CIES) South Asia Special Interest Group Dissertation Award: Honorable Mention
2014	Association for Public Policy Analysis & Management (APPAM) Dissertation Award
2012-13	Julius B. Richmond Fellowship, Harvard Center on the Developing Child (\$10K)
2013, 2012	Harvard Graduate School of Education Doctoral Travel Grant (\$900)
2010	Project on Justice, Welfare & Economics Research Grant (\$5K)
2010-11	Harvard South Asia Initiative, Graduate Associate (\$3K)
2009	Harvard Asia Center-South Asia Initiative Research Grant (\$3K)
2009	Center for International Development Empowerment Lab Research Grant (\$1.5K)
2009	Sustainability Science Water and Development Student Research Grant (\$5K)
2009	Institute for Quantitative Social Science Research Grant (\$3K)
2009-10	Harvard South Asia Initiative, Graduate Associate (\$3K)
2008	Harvard Graduate School of Education Dean's Summer Fellowship (\$3K)
2008	Tata-Harvard South Asia Initiative Study Grant (\$3K)
2008-09	Harvard South Asia Initiative, Graduate Associate (\$3K)
2006-09	John and Elisabeth Hobbs Fellowship (\$87K)
2006-07	Harvard Graduate School of Education Dean's Fellowship (\$7K)

Affiliations:

2022 –	Non-Resident Fellow, Center for Global Development
2021 –	Affiliated Scholar, UChicago Data Science Institute
2019 –	Faculty Research Fellow, National Bureau of Economic Research (Education, Children)

- 2019 – Faculty Affiliate, Becker-Friedman Institute Initiative on the Study of Gender in the Economy
- 2018 – Faculty Affiliate, Center for the Study of Race, Politics, and Culture
- 2018 – Faculty Affiliate, Committee on Education, Univ. of Chicago
- 2017 – Faculty Affiliate, Univ. of Chicago Crime Lab
- 2017 – Faculty Affiliate, Univ. of Chicago Urban Education Lab
- 2016 – Faculty Affiliate, The Pearson Institute for the Study and Resolution of Global Conflicts, Univ. of Chicago
- 2015 – Faculty Member, Committee on Southern Asian Studies, Univ. of Chicago
- 2014 – Faculty Affiliate, Human Capital and Economic Opportunity Global Working Group, Early Childhood Interventions Network, Univ. of Chicago
- 2014 – Faculty Affiliate, Center for Health and the Social Sciences, Univ. of Chicago
- 2014 – Research Associate, Population Research Center, Univ. of Chicago
- 2014 – Faculty Affiliate, Center for Human Potential and Public Policy, Univ. of Chicago

Professional Activities:

Invited Seminar and Conference Presentations:

- 2022: IEEE WACV, Univ. of Pennsylvania, Princeton (NLS-E), Stanford, NBER Education, Univ. of Southern California (Engineering) and Google Research (MUSE), NBER Political Economy/Culture and Institutions, NBER Children, Northwestern, BFI, ACM Compass. *Scheduled:* University of Kentucky, University of California-Berkeley, University of Calgary, McGill University, ECCV (European Conference on Computer Vision), University of Texas-Austin.
- 2021: Asian Development Bank (Manila), Asian Development Bank Institute (Tokyo), AEFPP, Univ. of Chicago, Univ. of Virginia, Univ. of Wisconsin-Madison, NBER Education Meetings, Center for Global Development, Google Public Sector Connect, ETH Zurich-Monash-Warwick (Economics/Data Science), SREE, Discrimination and Disparities (online), Bocconi (AXA), Google Cloud Government and Education Summit (Keynote), Brown, NYU
- 2018: Stanford University; Northwestern University School of Law; Association for Education Finance & Policy (AEFP); Michigan State University; Population Association of America (PAA)
- 2017: Federal Reserve Bank of Chicago (CHERP); Comparative and International Education Society (Atlanta, GA); Pacific Conference for Development Economics; Association for Education Finance & Policy (Washington, DC); University of Zurich; Columbia University; DePaul University; University of Michigan; University of Illinois at Chicago; Population Association of America; OECD (Paris); Crime Lab; Urban Institute; European Economic Association; University of Connecticut; University of Missouri; Federal Reserve Bank of New York; Comparative and International Education Society (invited plenary); Association for Public Policy Analysis and Management (APPAM); University of California, Berkeley; NBER Education Program Meetings (Cambridge, MA)
- 2016: Georgetown University; Association for Public Policy Analysis and Management (APPAM) Annual Conference; Northeast Universities Development Consortium (NEUDC) Conference
- 2015: Pontificia Universidad Católica de Chile (Santiago, Chile); Clean India Convening (New Delhi, India); Univ. of North Carolina (Water and Health); Committee on Education, University of Chicago; Federal Reserve Bank of Chicago (Micro and Macro Development Workshop); American Economic Association Meetings (Boston, MA); Association for Education Finance & Policy (AEFP) (Washington,

- 2014: DC); Comparative and International Education Society (Washington, DC) Population Research Center (Demography, University of Chicago); Northeast Universities Development Consortium (NEUDC) Conference; Association for Public Policy Analysis and Management (APPAM) Annual Conference; Ministry of Drinking Water and Sanitation, Govt. of India, Administrative Staff College of India, and UNICEF India (New Delhi, India); International WASH in Schools Network (Webinar); UNICEF (Water, Sanitation, Hygiene Education Group, New York); UNICEF (Webinar, Water, Sanitation, Hygiene Education in Schools, India); World Bank (Water and Sanitation Program, Washington, DC); University of Chicago Harris School of Public Policy; Northeastern University (Economics); Wellesley College (Economics); Abt Associates; Harvard University (Economics, Advising)
- 2013: Harvard/MIT Economic Development and Harvard Labor Economics Seminar; Comparative and International Education Society-Northeastern Regional Conference; Harvard Labor Economics Lunch; Harvard Development Economics Lunch; Harvard Quantitative Policy Analysis in Education Seminar; Richmond Seminar, Center on the Developing Child
- 2012: Comparative and International Education Society Annual Conference
- 2011: Stanford Center for Education Policy Analysis Student Seminar; Harvard Graduate School of Education International Education Seminar; Harvard Labor Economics Lunch; Harvard Quantitative Policy Analysis in Education Seminar

Editorial Board: *Education Finance and Policy* (2019 – present)
Journal of Research on Educational Effectiveness (2021 – present)
Journal of Social Computing (IEEE Journal) (2022 – present)

Board of Directors: Association for Education Finance and Policy (2021 – present)

Referee Activities: *American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Economic Review, American Economic Review: Insights, Demography, Economic Development and Cultural Change, Economic Journal, Economics of Education Review, Industrial Relations, International Journal of Economics and Management, International Journal of Educational Development, Journal of Development Economics, Journal of Research on Educational Effectiveness, Journal of Health Economics, Journal of Human Development and Capabilities, Journal of Human Resources, Journal of Public Economics, National Science Foundation, Proceedings of the National Academy of Sciences of the United States of America, Quarterly Journal of Economics, Review of Economics and Statistics, SAGE Open, Women's Reproductive Health, World Bank Economic Review, World Development Perspectives.*

Conferences: AMIE, AAFP, AOCC, APPAM (co-chair), CIES, NEUDC, SREE, *International Conference on Computational Social Science (IC2S2)* (program chair). **Article Editor:** SAGE Open.

Recognition: *World Bank Economic Review Excellence in Refereeing Award 2021*

Research, Service, and Other Employment:

- 2020 – UNESCO Inclusive Policy Lab
- 2014 – UNICEF, Consultant
- 2004 – Manav Sadhna: India, Volunteer
- 2004 – Safai Vidyalaya/Environmental Sanitation Institute: India, Volunteer
- 2009 – World Bank, Consultant (Washington, DC)
- 2005-06 – Office of Academic Services, Harvard Graduate School of Education, Special Projects Associate (Cambridge, MA)

- 2004-05 Indicorps, Director of Domestic Initiatives (Ahmedabad, Gujarat, India)
- 2003-04 Office of the President and Provost, Harvard University, Visiting Administrative Fellow
- 2004 Democratic National Convention Committee, Volunteer Coordinator (Boston, MA)
- 2002-03 Civil Rights Project, Harvard University, Research Assistant (Cambridge, MA)
- 2002-03 Office of the Dean, Harvard Graduate School of Education, Academic Intern
- 2001-02 Make-A-Wish Foundation, Volunteer Manager (San Francisco, CA)
- 2000-01 Forum for Women Entrepreneurs, Membership & Events Coordinator (8/00 – 10/00) and Community Relations & Programs Manager (11/00 – 3/01) (San Francisco, CA)
- 1999-00 Office of the Vice Chancellor for Student Affairs, University of Illinois, Leadership Development Intern (Urbana, IL)