

## Emily Hannum

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## Employment

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- Current      ◇ **Stanley I. Sheerr Term Professor in the Social Sciences (2021-), Associate Dean for Social Sciences (2018-), and Professor of Sociology (2016-).** University of Pennsylvania.  
*Graduate Groups:* Member of Graduate Groups in Sociology, Demography, Education, International Studies.  
*Affiliations:* Center for East Asian Studies, Center for the Study of Contemporary China, Penn Development Research Initiative, Population Studies Center, Graduate School of Education.
- 2016 – 2018      ◇ **Associate Director, Population Studies Center.** University of Pennsylvania.
- 2016 – 2017      ◇ **Associate Chair, Department of Sociology.** University of Pennsylvania.
- 2008 – 2015      ◇ **Graduate Chair, Department of Sociology.** University of Pennsylvania.
- 2008 – 2016      ◇ **Associate Professor of Sociology.** University of Pennsylvania.
- 2008              ◇ **University Lecturer in the Sociology of China.** University of Oxford.
- 2001– 2007      ◇ **Assistant Professor of Sociology.** University of Pennsylvania.
- 1998 – 2001      ◇ **Assistant Professor of Administration, Planning and Social Policy.** Graduate School of Education, Harvard University.  
                            ◇ **Research Associate, Social Development Group.** Harvard Institute for International Development.

## Education

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- 1998      ◇ **Ph. D., Sociology, University of Michigan, Demography Concentration**  
*Dissertation:* Educational Inequality: Hidden Consequences of the Reform Era in Rural China.  
*Committee:* Professor Yu Xie (Chair, Sociology), Professor Barbara Anderson (Sociology), Professor Reynolds Farley (Sociology), Professor Harold Stevenson (Psychology).
- 1994      ◇ **Independent Chinese Language Study, Beijing Institute of Economics**  
Self-study via translation of demography working papers from Chinese to English.

## Education (continued)

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- 1991   ◇ **B.A., Sociology, Magna Cum Laude, Georgetown University**  
Coursework in Chinese, basic Japanese, and East Asian Studies.
- 1990   ◇ **Chinese Language Study, National Taiwan Normal University**  
Mandarin Training Program.

## Research Interests

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- ◇ Education, social stratification, poverty and children's healthy development, gender and ethnicity, social policy, social mobility, global development, Chinese society, climate, environment, and children's welfare.

## Teaching Experience

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### Department of Sociology, University of Pennsylvania

- Graduate/SOCI   ◇ Demography Second-Year Paper Workshop; Proseminar in Sociological Research; Survey Data Collection; Sociology of Education; Climate, Environment, and Childhood Inequality in Low- and Middle-Income Countries.
- Undergraduate/SOCI   ◇ Social Issues in Contemporary China; Gender and Development in Asia; Survey Research Methods; Introduction to Demographic Methods.

### Department of Sociology, University of Oxford

- Graduate/SOCI   ◇ Sociology of China, Sociological Analysis, Professional Socialization Workshop (module).

### Department of Administration, Planning and Social Policy, Harvard Graduate School of Education

- Graduate/EDUC   ◇ Seminar on Education and Social Inequality; Survey Data Collection; Quantitative Tools for Comparative Educational Research; Answering Questions with Quantitative Data (module).

## Professional Activities

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### Project and Survey Experience

- 2023 – present   ◇ Principal Investigator, Climate Risk, Pollution, and Childhood Inequality in Low- and Middle-Income Countries.
- 2022 – present   ◇ Co-Principal Investigator, The Long-Run Causal Effects of Single-Sex High Schools on Adult Outcomes: Survey and Experiments.

## Professional Activities (continued)

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- 2018 – present     ◇ Co-Principal Investigator, Prenatal Air Pollution Exposures and Early Childhood Health and Development in China.
- 1998 – present     ◇ Co-Principal Investigator, Gansu Survey of Children and Families.
- 2015     ◇ Co-Principal Investigator, China Educational Panel Survey.
- 2012     ◇ International Advisory Committee, China Household Ethnic Survey.
- 2011     ◇ International Advisory Committee, China General Social Survey.

### Editorial Board Memberships

- 2006 – 2008     ◇ *American Journal of Sociology*.
- 2014 – 2017     ◇ *Sociology of Education*.
- 2014 – present     ◇ *Chinese Journal of Sociology*.
- ◇ *Chinese Sociological Review*.
- 2014 – 2016     ◇ *Research in Sociology of Education*.
- 2020 – present     ◇ *Chinese Education and Society*.
- 2023 – present     ◇ *Social Forces*.

### Editorial Board Co-editorships

- 2008 – 2013     ◇ *Comparative Education Review*.
- 2001 – 2011     ◇ *Research in Sociology of Education*.

### Board Service

- 2019 – 2022     ◇ Chair-elect, chair and past-chair, Asia and Asian America Section, American Sociological Association.
- 2018 – 2020     ◇ Board Member, Population Association of America.
- 2013 –2015     ◇ President, North American Chinese Sociologists Association (now known as International China Sociologists Association).
- 2012 – 2016     ◇ Board of Directors, North American Chinese Sociologists Association (now known as International China Sociologists Association).
- 2009 – 2011     ◇ Board of Directors, Comparative and International Education Society.

### Review Panels

- 2011 – 2012     ◇ NSF Advisory Panel.
- 2011 – 2014     ◇ Hong Kong Research Grants Council.
- 2010 – present     ◇ United Kingdom Economic and Social Research Council Peer Reviewers College.

## Professional Activities (continued)









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### External Reviews

- Ad hoc*
- ◇ Spencer Foundation Major Grants Program and Dissertation Fellowships Program.
  - ◇ National Science Foundation.
  - ◇ Hong Kong Research Grants Council.
  - ◇ United Kingdom Economic and Social Research Council.

### Journal Articles

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- 1 N. Khalid, J. Behrman, **E. Hannum**, and A. Thapa, “Floods and children’s education in rural India,” *RSF: The Russell Sage Foundation Journal of the Social Sciences*, vol. 10, no. 1, pp. 230–254, 2024, ISSN: 2377-8253.  DOI: [10.7758/RSF.2024.10.1.10](https://doi.org/10.7758/RSF.2024.10.1.10).
- 2 H. J. K. Kim, C. Ahn, J. R. Behrman, *et al.*, “The long-run causal effects of single-sex schooling on work-related outcomes in South Korea,” *Research in Social Stratification and Mobility*, vol. 89, p. 100 876, Feb. 2024, ISSN: 02765624.  DOI: [10.1016/j.rssm.2023.100876](https://doi.org/10.1016/j.rssm.2023.100876).
- 3 R. Liu and **E. Hannum**, “Parental absence and student academic performance in cross-national perspective: Heterogeneous forms of family separation and the buffering possibilities of grandparents,” *International Journal of Educational Development*, vol. 103, p. 102 898, Nov. 2023, ISSN: 0738-0593.  DOI: <https://doi.org/10.1016/j.ijedudev.2023.102898>.
- 4 H. Zhang, L.-C. Hu, and **E. Hannum**, “Youth educational mobility and the rural family in China,” *Research in Education*, vol. 0, no. 0, p. 00 345 237 231 216 309, Nov. 2023, ISSN: 0034-5237, 2050-4608.  DOI: [10.1177/00345237231216309](https://doi.org/10.1177/00345237231216309).
- 5 **E. Hannum** and F. Wang, “Fewer, better pathways for all? Intersectional impacts of rural school consolidation in China’s minority regions,” *World Development*, vol. 151, p. 105 734, Mar. 2022, ISSN: 0305750X.  DOI: <https://doi.org/10.1016/j.worlddev.2021.105734>.
- 6 X. Liu, J. Behrman, **E. Hannum**, F. Wang, and Q. Zhao, “Same environment, stratified impacts? Air pollution, extreme temperatures, and birth weight in South China,” *Social Science Research*, vol. 105, p. 102 691, Jul. 2022, ISSN: 0049089X.  DOI: [10.1016/j.ssresearch.2021.102691](https://doi.org/10.1016/j.ssresearch.2021.102691).
- 7 X. Liu, H. Miao, J. R. Behrman, **E. Hannum**, Z. Liang, and Q. Zhao, “The Asian Games, air pollution and birth outcomes in south China: An instrumental variable approach,” *Economics & Human Biology*, vol. 44, p. 101 078, Jan. 2022, ISSN: 1570677X.  DOI: [10.1016/j.ehb.2021.101078](https://doi.org/10.1016/j.ehb.2021.101078).
- 8 W. Shen and **E. Hannum**, “Context-relevant risk and protective factors for children in rural communities: Long-term implications for adulthood educational and mental health outcomes,” *Journal of Community Psychology*, *jcop.22909*, Jun. 2022, ISSN: 0090-4392, 1520-6629.  DOI: [10.1002/jcop.22909](https://doi.org/10.1002/jcop.22909).


- 9 **E. Hannum**, X. Liu, and F. Wang, “Estimating the effects of educational system consolidation: The case of China’s rural school closure initiative,” *Economic Development and Cultural Change*, vol. 70, no. 1, pp. 485–528, Oct. 2021, ISSN: 0013-0079, 1539-2988.  DOI: [10.1086/711654](https://doi.org/10.1086/711654).
- 10 W. Shen, L.-C. Hu, and **E. Hannum**, “Effect pathways of informal family separation on children’s outcomes: Paternal labor migration and long-term educational attainment of left-behind children in rural China,” *Social Science Research*, vol. 97, p. 102 576, Jul. 2021, ISSN: 0049089X.  DOI: [10.1016/j.ssresearch.2021.102576](https://doi.org/10.1016/j.ssresearch.2021.102576).
- 11 L.-C. Hu and **E. Hannum**, “Red flag: Grade retention and student academic and behavioral outcomes in China,” *Children and Youth Services Review*, vol. 113, p. 104 896, Jun. 2020, ISSN: 0190-7409.  DOI: [10.1016/j.chilyouth.2020.104896](https://doi.org/10.1016/j.chilyouth.2020.104896).
- 12 R. Liu, A. Alvarado-Urbina, and **E. Hannum**, “Differences at the extremes? Gender, national contexts, and math performance in Latin America,” *American Educational Research Journal*, vol. 57, no. 3, pp. 1290–1322, Jun. 2020, ISSN: 0002-8312, 1935-1011.  DOI: [10.3102/0002831219876236](https://doi.org/10.3102/0002831219876236).
- 13 **E. Hannum**, W. Hu, and A. Park, “Home, school, and community deprivations: A multi-context approach to childhood poverty in China,” *Journal of Contemporary China*, vol. 28, no. 120, pp. 864–882, 2019, ISSN: 1067-0564.  DOI: <https://doi.org/10.1080/10670564.2019.1594101>.
- 14 **E. Hannum**, H. Ishida, H. Park, and T. Tam, “Education in East Asian societies: Postwar expansion and the evolution of inequality,” *Annual Review of Sociology*, vol. 45, no. 1, pp. 625–647, Jul. 2019, ISSN: 0360-0572, 1545-2115.  DOI: [10.1146/annurev-soc-073018-022507](https://doi.org/10.1146/annurev-soc-073018-022507).
- 15 M. Zhao and **E. Hannum**, “Stark choices: Work-family tradeoffs among migrant women and men in urban China,” *Chinese Sociological Review*, vol. 51, no. 4, pp. 365–396, Oct. 2019, ISSN: 2162-0555, 2162-0563.  DOI: [10.1080/21620555.2019.1635879](https://doi.org/10.1080/21620555.2019.1635879).
- 16 P. Roberts and **E. Hannum**, “Education and equity in rural China: A critical introduction for the rural education field,” *Australian and International Journal of Rural Education*, vol. 28, no. 2, pp. 1–13, Nov. 2018, ISSN: 1839-7387, 1036-0026.  DOI: [10.47381/aijre.v28i2.231](https://doi.org/10.47381/aijre.v28i2.231).
- 17 N. A. Young and E. C. Hannum, “Childhood inequality in China: Evidence from recent survey data (2012–2014),” *The China Quarterly*, vol. 236, pp. 1063–1087, Dec. 2018, ISSN: 0305-7410, 1468-2648.  DOI: [10.1017/S0305741018001303](https://doi.org/10.1017/S0305741018001303).
- 18 **E. Hannum** and L.-C. Hu, “Chronic undernutrition, short-term hunger, and student functioning in rural northwest China,” *International Journal of Educational Development*, vol. 54, pp. 26–38, May 2017, ISSN: 07380593.  DOI: [10.1016/j.ijedudev.2016.12.002](https://doi.org/10.1016/j.ijedudev.2016.12.002).
- 19 **E. Hannum**, R. Liu, and A. Alvarado-Urbina, “Evolving approaches to the study of childhood poverty and education,” *Comparative Education*, vol. 53, no. 1, pp. 81–114, Jan. 2017, ISSN: 0305-0068, 1360-0486.  DOI: [10.1080/03050068.2017.1254955](https://doi.org/10.1080/03050068.2017.1254955).

- 20 X. Liu and E. Hannum, “Early poverty exposure predicts young adult educational outcomes in China,” *China Economic Review*, vol. 44, pp. 79–97, Jul. 2017, ISSN: 1043951X. [DOI: https://doi.org/10.1016/j.chieco.2017.03.006](https://doi.org/10.1016/j.chieco.2017.03.006).
- 21 W. Shen, L.-C. Hu, and E. Hannum, “Cumulative adversity, childhood behavioral problems, and educational mobility in China’s poorest rural communities,” *Chinese Journal of Sociology*, vol. 3, no. 4, pp. 491–517, Oct. 2017, ISSN: 2057-150X, 2057-1518. [DOI: 10.1177/2057150X17736664](https://doi.org/10.1177/2057150X17736664).
- 22 Y.-L. Chiang, E. Hannum, and G. Kao, “It’s not just about the money: Gender and youth migration from rural China,” *Chinese Sociological Review*, vol. 47, no. 2, pp. 177–201, Apr. 2015, ISSN: 2162-0555, 2162-0563. [DOI: 10.1080/21620555.2014.990328](https://doi.org/10.1080/21620555.2014.990328).
- 23 E. Hannum, H.-Y. S. Cherng, and M. Wang, “Ethnic disparities in educational attainment in China: Considering the implications of interethnic families,” *Eurasian Geography and Economics*, vol. 56, no. 1, pp. 8–23, Jan. 2015, ISSN: 1538-7216, 1938-2863. [DOI: 10.1080/15387216.2015.1056745](https://doi.org/10.1080/15387216.2015.1056745).
- 24 Y. Zhang and E. Hannum, “Diverging fortunes: The evolution of gender wage gaps for singles, couples, and parents in China, 1989–2009,” *Chinese Journal of Sociology*, vol. 1, no. 1, pp. 15–55, Mar. 2015, ISSN: 2057-150X, 2057-1518. [DOI: 10.1177/2057150X14568769](https://doi.org/10.1177/2057150X14568769).
- 25 E. Hannum, J. Liu, and E. A. Frongillo, “Poverty, food insecurity and nutritional deprivation in rural China: Implications for children’s literacy achievement,” *International Journal of Educational Development*, vol. 34, pp. 90–97, Jan. 2014, ISSN: 07380593. [DOI: 10.1016/j.ijedudev.2012.07.003](https://doi.org/10.1016/j.ijedudev.2012.07.003).
- 26 H.-Y. S. Cherng and E. Hannum, “Community poverty, industrialization, and educational gender gaps in rural China,” *Social Forces*, vol. 92, no. 2, pp. 659–690, Dec. 2013, ISSN: 1534-7605, 0037-7732. [DOI: 10.1093/sf/sot084](https://doi.org/10.1093/sf/sot084).
- 27 E. Hannum, Y. Zhang, and M. Wang, “Why are returns to education higher for women than for men in urban China?” *The China Quarterly*, vol. 215, pp. 616–640, Sep. 2013, ISSN: 0305-7410, 1468-2648. [DOI: 10.1017/S0305741013000696](https://doi.org/10.1017/S0305741013000696).
- 28 Y. Chiang, E. C. Hannum, and G. Kao, “Who goes, who stays, and who studies? Gender, migration, and educational decisions among rural youth in China,” *International Journal of Chinese Education*, vol. 1, no. 1, pp. 106–131, 2012. [DOI: https://doi.org/10.1163/221258612X644584](https://doi.org/10.1163/221258612X644584).
- 29 E. Hannum and Y. Zhang, “Poverty and proximate barriers to learning: Vision deficiencies, vision correction and educational outcomes in rural northwest China,” *World Development*, vol. 40, no. 9, pp. 1921–1931, 2012, ISSN: 0305750X. [DOI: 10.1016/j.worlddev.2012.04.029](https://doi.org/10.1016/j.worlddev.2012.04.029).
- 30 王美艳 and E. Hannum, “1990 年以来中国各民族人口教育发展研究——来自人口普查和人口抽样调查数据的分析,” *人口学刊*, no. 3, pp. 60–71, 2012, ISSN: 1004-129X. [DOI: 10.3969/j.issn.1004-129X.2012.03.007](https://doi.org/10.3969/j.issn.1004-129X.2012.03.007).

- 31 **E. Hannum**, X. An, and H.-Y. S. Cherng, "Examinations and educational opportunity in China: Mobility and bottlenecks for the rural poor," *Oxford Review of Education*, vol. 37, no. 2, pp. 267–305, Apr. 2011, ISSN: 0305-4985, 1465-3915. [DOI: 10.1080/03054985.2011.559387](https://doi.org/10.1080/03054985.2011.559387).
- 32 **E. Hannum**, P. Kong, and Y. Zhang, "Family sources of educational gender inequality in rural China: A critical assessment," *International Journal of Educational Development*, vol. 29, no. 5, pp. 474–486, Sep. 2009, ISSN: 07380593. [DOI: 10.1016/j.ijedudev.2009.04.007](https://doi.org/10.1016/j.ijedudev.2009.04.007).
- 33 **E. Hannum**, T. Sargent, and S. Yu, "Poverty, parental ill health and children's access to schooling in rural Gansu, China," *Provincial China*, vol. 1, no. 2, pp. 24–60, 2009. [DOI: https://pubmed.ncbi.nlm.nih.gov/21191453](https://pubmed.ncbi.nlm.nih.gov/21191453).
- 34 T. C. Sargent and E. C. Hannum, "Doing more with less: Teacher professional learning communities in resource-constrained primary schools in rural China," *Journal of Teacher Education*, vol. 60, no. 3, pp. 258–276, May 2009, ISSN: 0022-4871, 1552-7816. [DOI: 10.1177/0022487109337279](https://doi.org/10.1177/0022487109337279).
- 35 Y. Zhang, **E. Hannum**, and M. Wang, "Gender-based employment and income differences in urban China: Considering the contributions of marriage and parenthood," *Social Forces*, vol. 86, no. 4, pp. 1529–1560, Jun. 2008, ISSN: 0037-7732, 1534-7605. [DOI: 10.1353/sof.0.0035](https://doi.org/10.1353/sof.0.0035).
- 36 X. An, **E. Hannum**, and T. Sargent, "Teaching quality and student outcomes: Academic achievement and educational engagement in rural northwest China," *China: An International Journal*, vol. 5, no. 2, pp. 309–334, Sep. 2007, ISSN: 02197472. [DOI: https://muse.jhu.edu/article/220317](https://muse.jhu.edu/article/220317).
- 37 S. Yu and **E. Hannum**, "Food for thought: Poverty, family nutritional environment, and children's educational performance in rural China," *Sociological Perspectives*, vol. 50, no. 1, pp. 53–77, Mar. 2007, ISSN: 0731-1214, 1533-8673. [DOI: 10.1525/sop.2007.50.1.53](https://doi.org/10.1525/sop.2007.50.1.53).
- 38 Y. Zhang, G. Kao, and E. C. Hannum, "Do mothers in rural China practice gender equality in educational aspirations for their children?" *Comparative Education Review*, vol. 51, no. 2, pp. 131–157, May 2007, ISSN: 0010-4086, 1545-701X. [DOI: 10.1086/512023](https://doi.org/10.1086/512023).
- 39 **E. Hannum** and M. Wang, "Geography and educational inequality in China," *China Economic Review*, vol. 17, no. 3, pp. 253–265, Jan. 2006, ISSN: 1043951X. [DOI: 10.1016/j.chieco.2006.04.003](https://doi.org/10.1016/j.chieco.2006.04.003).
- 40 J. Adams and **E. Hannum**, "Children's social welfare in China, 1989–1997: Access to health insurance and education," *The China Quarterly*, vol. 181, pp. 100–121, Mar. 2005, ISSN: 0305-7410, 1468-2648. [DOI: 10.1017/S0305741005000068](https://doi.org/10.1017/S0305741005000068).
- 41 **E. Hannum**, "Market transition, educational disparities, and family strategies in rural China: New evidence on gender stratification and development," *Demography*, vol. 42, no. 2, pp. 275–299, 2005, ISSN: 1533-7790. [DOI: 10.1353/dem.2005.0014](https://doi.org/10.1353/dem.2005.0014).








- 42 **E. Hannum** and C. Buchmann, "Global educational expansion and socio-economic development: An assessment of findings from the social sciences," *World Development*, vol. 33, no. 3, pp. 333–354, Mar. 2005, ISSN: 0305750X. [DOI: 10.1016/j.worlddev.2004.10.001](https://doi.org/10.1016/j.worlddev.2004.10.001).
- 43 T. Sargent and **E. Hannum**, "Keeping teachers happy: Job satisfaction among primary school teachers in rural northwest China," *Comparative Education Review*, vol. 49, no. 2, pp. 173–204, May 2005, ISSN: 0010-4086, 1545-701X. [DOI: 10.1086/428100](https://doi.org/10.1086/428100).
- 44 **E. Hannum**, "Poverty and basic education in rural China: Villages, households, and girls' and boys' enrollment," *Comparative Education Review*, vol. 47, no. 2, pp. 141–159, May 2003, ISSN: 0010-4086, 1545-701X. [DOI: 10.1086/376542](https://doi.org/10.1086/376542).
- 45 **E. Hannum**, "Educational stratification by ethnicity in China: Enrollment and attainment in the early reform years," *Demography*, vol. 39, no. 1, pp. 95–117, Feb. 2002, ISSN: 0070-3370, 1533-7790. [DOI: 10.1353/dem.2002.0005](https://doi.org/10.1353/dem.2002.0005).
- 46 **E. Hannum** and A. Park, "Educating China's rural children for the 21st century," *Harvard China Review*, vol. Spring, pp. 8–14, 2002. [URL: https://ora.ox.ac.uk/objects/uuid:31cbd26a-5277-47f4-a628-a911d36251f7](https://ora.ox.ac.uk/objects/uuid:31cbd26a-5277-47f4-a628-a911d36251f7).
- 47 C. Buchmann and **E. Hannum**, "Education and Stratification in Developing Countries: A Review of Theories and Research," *Annual Review of Sociology*, vol. 27, no. 1, pp. 77–102, Aug. 2001, ISSN: 0360-0572, 1545-2115. [DOI: 10.1146/annurev.soc.27.1.77](https://doi.org/10.1146/annurev.soc.27.1.77).
- 48 S. Stash and **E. Hannum**, "Who goes to school? Educational stratification by gender, caste, and ethnicity in Nepal," *Comparative Education Review*, vol. 45, no. 3, pp. 354–378, Aug. 2001, ISSN: 0010-4086, 1545-701X. [DOI: 10.1086/447676](https://doi.org/10.1086/447676).
- 49 **E. Hannum**, "Political change and the urban-rural gap in basic education in China, 1949-1990," *Comparative Education Review*, vol. 43, no. 2, pp. 193–211, May 1999, ISSN: 0010-4086, 1545-701X. [DOI: 10.1086/447554](https://doi.org/10.1086/447554).
- 50 **E. Hannum**, "Poverty and basic-level schooling in China: Equity issues in the 1990s," *Prospects: The Quarterly Review of Comparative Education*, vol. 29, no. 4, pp. 561–577, Dec. 1999, ISSN: 0033-1538, 1573-9090. [DOI: 10.1007/BF02736905](https://doi.org/10.1007/BF02736905).
- 51 **E. Hannum** and Y. Xie, "Ethnic stratification in northwest China: Occupational differences between Han Chinese and national minorities in Xinjiang, 1982–1990," *Demography*, vol. 35, no. 3, pp. 323–333, Aug. 1998, ISSN: 0070-3370, 1533-7790. [DOI: 10.2307/3004040](https://doi.org/10.2307/3004040).
- 52 Y. Xie and **E. Hannum**, "Regional variation in earnings inequality in reform-Era urban China," *American Journal of Sociology*, vol. 101, no. 4, pp. 950–992, Jan. 1996, ISSN: 0002-9602, 1537-5390. [DOI: 10.1086/230785](https://doi.org/10.1086/230785).
- 53 **E. Hannum** and Y. Xie, "Trends in educational gender inequality in China: 1949-1985," *Research in Social Stratification and Mobility*, vol. 13, pp. 73–98, 1994.




















<https://yuxie.scholar.princeton.edu/sites/g/files/toruqf4o21/files/yuxie/files/hannum-xie1994.pdf>, ISSN: 0276-5624, 0276-5624.  URL: <https://go.exlibris.link/8QBbZm7f>.








## Chapters and Commentaries in Edited Volumes

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- 1 W. Shen and **E. Hannum**, “Education and inequality in China,” in *Sage handbook of sociology of education*, M. Berends, B. Schneider, and S. Lamb, Eds., Thousand Oaks, CA: SAGE Publications, Inc, 2024, pp. 100–126, ISBN: 978-1-4739-6745-8.  URL: <https://us.sagepub.com/en-us/nam/the-sage-handbook-of-sociology-of-education/book250209>.
- 2 **E. Hannum** and H.-Y. S. Cherng, “Linguistic capital: Links to information access and economic opportunity among rural young adults in minority areas in China,” in *Ethnicity and inequality in China*, B. Gustafsson, S. Ding, and R. Hasmath, Eds., 1st ed., Abingdon, Oxon ; New York, NY: Routledge, 2021, pp. 61–81, ISBN: 978-0-367-49703-3.  DOI: [10.4324/9781003082156](https://doi.org/10.4324/9781003082156).
- 3 L.-C. Hu and **E. Hannum**, “Correlates and implications of grade retention in rural northwest China,” in *Rural education in China’s social transition*, P. Kong, **E. Hannum**, and G. Postiglione, Eds., Abingdon, Oxon; New York, NY: Routledge, 2021, pp. 132–152, ISBN: 978-1-315-54586-8.  URL: <https://doi.org/10.4324/9781315545868>.
- 4 P. Kong, **E. Hannum**, and G. Postiglione, “Introduction,” in *Rural education in China’s social transition*, ser. Studies in Chinese education and society, P. Kong, **E. Hannum**, and G. Postiglione, Eds., Abingdon, Oxon; New York, NY: Routledge, 2021, pp. xvii–xxxii, ISBN: 978-1-138-68140-8.  URL: [https://works.bepress.com/emily\\_hannum/59/](https://works.bepress.com/emily_hannum/59/).
- 5 D. Post, A. Stambach, M. Ginsburg, **E. Hannum**, and A. Benavot, “Rank scholarship today,” in *Measuring Up in Higher Education: How University Rankings and League Tables are Re-shaping Knowledge Production in the Global Era*, A. Welch and J. Li, Eds., Singapore: Springer, 2021, pp. 21–46, ISBN: 9789811579219.  DOI: [10.1007/978-981-15-7921-9\\_2](https://doi.org/10.1007/978-981-15-7921-9_2).
- 6 W. Shen and **E. Hannum**, “Credit limits as an element of family socioeconomic status: An application to the case of children’s educational outcomes in rural Gansu Province,” in *Rural education in China’s social transition*, ser. Studies in Chinese education and society, P. Kong, **E. Hannum**, and G. Postiglione, Eds., Abingdon, Oxon; New York, NY: Routledge, 2021, pp. 3–19, ISBN: 978-1-315-54586-8.  URL: <https://doi.org/10.4324/9781315545868>.
- 7 **E. Hannum**, R. Liu, and A. Alvarado-Urbina, “Evolving approaches to the study of childhood poverty and education,” in *Measuring the Unmeasurable in Education*, E. Unterhalter, Ed., 1st ed., Routledge, Apr. 2020, pp. 81–114, ISBN: 978-0-429-44449-4.  DOI: [10.4324/9780429444494](https://doi.org/10.4324/9780429444494).
- 8 H.-Y. S. Cherng, **E. Hannum**, C. Lu, P. Kong, and X. Yu, “China: Sociological perspectives on ethnicity and education—Views from Chinese and English literatures,” in *The Palgrave handbook of race and ethnic*

- inequalities in education*, P. A. J. Stevens and A. G. Dworkin, Eds., Cham: Springer International Publishing, 2019, pp. 301–344, ISBN: 978-3-319-94723-5 978-3-319-94724-2.  DOI: [10.1007/978-3-319-94724-2\\_8](https://doi.org/10.1007/978-3-319-94724-2_8).
- 9 N. A. Young and **E. Hannum**, “Childhood inequality and schooling in China’s cities,” in *China’s urban future and the quest for stability*, R. Clothey and R. Dilworth, Eds., vol. 12, McGill: McGill-Queen’s University Press, 2019, pp. 132–162, ISBN: 978-0-7735-5942-4.  DOI: [10.2307/j.ctv10kmf62.10](https://doi.org/10.2307/j.ctv10kmf62.10).
  - 10 J. Adams and **E. Hannum**, “School violence in China: A multilevel analysis of student victimization in rural middle schools,” in *Research in the Sociology of Education*, H. Park and G. Kao, Eds., vol. 20, Emerald Publishing Limited, Oct. 2018, pp. 41–69, ISBN: 978-1-78769-078-3 978-1-78769-077-6.  DOI: [10.1108/S1479-353920180000020003](https://doi.org/10.1108/S1479-353920180000020003).
  - 11 **E. Hannum** and Y. Xie, “Education,” in *The Oxford handbook of the social science of poverty*, D. Brady and L. Burton, Eds., 1st ed., Oxford: Oxford University Press, Apr. 2017, pp. 462–485, ISBN: 978-0-19-991405-0 978-0-19-045960-4.  DOI: [10.1093/oxfordhb/9780199914050.013.21](https://doi.org/10.1093/oxfordhb/9780199914050.013.21).
  - 12 S. Yu and **E. Hannum**, “Poverty, health, and schooling in rural China,” in *Education and social change in China: Inequality in a market economy*, 1st ed., London: Taylor and Francis, 2015, pp. 67–88, ISBN: 978-1-315-70493-7.  URL: <https://www.taylorfrancis.com/chapters/edit/10.4324/9781315704937-6/poverty-health-schooling-rural-china-shengchao-yu-emily-hannum>.
  - 13 H.-Y. S. Cherng, **E. Hannum**, and C. Lu, “China,” in *The Palgrave handbook of race and ethnic inequalities in education*, P. A. J. Stevens and A. G. Dworkin, Eds., London: Palgrave Macmillan UK, 2014, pp. 205–237, ISBN: 978-1-349-33849-8 978-1-137-31780-3.  DOI: [10.1057/9781137317803\\_8](https://doi.org/10.1057/9781137317803_8).
  - 14 Y. Zhang and **E. Hannum**, “Marriage, parenthood, and labor outcomes for women and men,” in *Chinese Social Policy in a Time of Transition*, D. Besharov and K. Baehler, Eds., Oxford University Press, Jun. 2013, pp. 223–248, ISBN: 978-0-19-999031-3.  DOI: [10.1093/acprof:oso/9780199990313.003.0012](https://doi.org/10.1093/acprof:oso/9780199990313.003.0012).
  - 15 **E. Hannum** and A. Park, “Academic achievement and engagement in rural China: Emily Hannum and Albert Park,” in *Education and reform in China*, London: Routledge, 2012, pp. 154–172, ISBN: 978-0-203-96095-0.  URL: <https://doi.org/10.4324/9780203960950>.
  - 16 **E. Hannum**, A. Park, and K.-m. Cheng, “Introduction: Market reforms and educational opportunity in China,” in *Education and Reform in China*, **E. Hannum** and A. Park, Eds., oth ed., London: Routledge, Nov. 2012, pp. 1–23, ISBN: 978-1-135-98471-7.  DOI: [10.4324/9780203960950](https://doi.org/10.4324/9780203960950).
  - 17 **E. Hannum** and M. Wang, “China: A case study in rapid poverty reduction,” in *Indigenous peoples, poverty, and development*, G. H. Hall and H. A. Patrinos, Eds., Cambridge: Cambridge University Press, 2012, pp. 149–204, ISBN: 978-1-139-10572-9.  DOI: [10.1017/CBO9781139105729.005](https://doi.org/10.1017/CBO9781139105729.005).
  - 18 **E. Hannum**, “Introduction to the English Edition,” in *Front matter, China Educational Development Yearbook 2009*, D. Yang and C. Chai, Eds., Beijing: Chinese Academy of Social Sciences and Boston: Brill, 2010.

- 19 **E. Hannum**, H. Park, and B. Y. Goto, "Editors' introduction: Emerging issues for educational research in East Asia," in *Globalization, changing demographics, and educational challenges in East Asia*, ser. Research in the sociology of education, **E. Hannum**, H. Park, and Y. Goto Butler, Eds., vol. 17, Emerald Group Publishing Limited, Jan. 2010, pp. 1–14, ISBN: 978-1-84950-977-0 978-1-84950-976-3.  DOI: [10.1108/S1479-3539\(2010\)0000017003](https://doi.org/10.1108/S1479-3539(2010)0000017003).
- 20 **E. Hannum**, M. Wang, and J. Adams, "Urban-rural disparities in access to primary and secondary education under market reforms," in *One country, two societies*, ser. One Country, Two Societies: Rural-Urban Inequality in Contemporary China, M. Whyte, Ed., 1st ed., vol. 16, Boston: Harvard University Press, 2010, pp. 125–146, ISBN: 978-0-674-03632-1.  DOI: [10.2307/j.ctt1sq5t74.9](https://doi.org/10.2307/j.ctt1sq5t74.9).
- 21 **E. Hannum** and J. Adams, "Beyond cost: Rural perspectives on barriers to education," in *Creating wealth and poverty in postsocialist China*, ser. Creating wealth and poverty in China, D. S. Davis and F. Wang, Eds., Redwood City: Stanford University Press, 2008, pp. 156–171, ISBN: 978-0-8047-6987-7.  DOI: [doi:10.1515/9780804769877-014](https://doi.org/10.1515/9780804769877-014).
- 22 **E. Hannum**, J. Behrman, M. Wang, and J. Liu, "Education in the reform era," in *China's great economic transformation*, L. Brandt and T. G. Rawski, Eds., 1st ed., Cambridge University Press, Apr. 2008, pp. 215–249, ISBN: 978-0-521-88557-7 978-0-521-71290-3 978-0-511-75423-4.  DOI: [10.1017/CBO9780511754234.008](https://doi.org/10.1017/CBO9780511754234.008).
- 23 **E. Hannum** and J. Adams, "Girls in Gansu, China: Expectations and aspirations for secondary schooling," in *Exclusion, gender and schooling: Case studies from the developing world*, M. Lewis and M. Lockheed, Eds., vol. 71, Washington, D.C.: Center for Global Development, 2007, pp. 71–98, ISBN: 978-1-933286-22-8.  URL: <https://www.cgdev.org/sites/default/files/9781933286228-Lewis-Lockheed-exclusion.pdf#page=85>.
- 24 **E. Hannum** and M. Wang, "Geography and educational inequality in China," in *Market development in China: Spillovers, growth and inequality*, B. M. Fleisher, H. Li, and S. Song, Eds., Cheltenham, UK and Northampton, MA: Elgar, 2007, pp. 25–40, ISBN: 978-1-84542-851-8.  URL: <https://www.e-elgar.com/shop/usd/market-development-in-china-9781845428518.html>.
- 25 **E. Hannum**, "The contexts of children's lives in Asia: Families, schools, and communities," in *Children's lives and schooling across societies*, ser. Research in the sociology of education, **E. Hannum** and B. Fuller, Eds., vol. 15, Bingley: Emerald Group Publishing Limited, Jan. 2006, pp. 163–175, ISBN: 978-1-84950-400-3 978-0-7623-1291-7.  DOI: [10.1016/S1479-3539\(06\)15011-9](https://doi.org/10.1016/S1479-3539(06)15011-9).
- 26 **E. Hannum** and C. Buchmann, "Global educational expansion and socio-economic development: An assessment of findings from the Social Sciences," in *Educating All Children*, J. E. Cohen, D. E. Bloom, and M. B. Malin, Eds., Cambridge, Mass: The MIT Press, Dec. 2006, pp. 495–534, ISBN: 978-0-262-27052-6.  DOI: [10.7551/mitpress/2638.003.0012](https://doi.org/10.7551/mitpress/2638.003.0012).
- 27 **E. Hannum** and B. Fuller, "Overview: Children's lives and schooling across societies," in *Children's lives and schooling across societies*, ser. Research in the sociology of education, vol. 15, Bingley: Emerald Group Publishing Limited, 2006, pp. 1–13, ISBN: 978-0-7623-1291-7.  DOI: [10.1016/S1479-3539\(06\)15001-6](https://doi.org/10.1016/S1479-3539(06)15001-6).

- 28 **E. Hannum** and J. Liu, “Adolescent transitions to adulthood in reform-era China,” in *The changing transitions to adulthood in developing countries: selected studies*, National Research Council, Division of Behavioral and Social Sciences and Education, Committee on Population, *et al.*, Eds., Washington, D.C.: National Academies Press, 2006, pp. 270–319, ISBN: 978-0-309-55130-4.  URL: <https://nap.nationalacademies.org/read/11524/chapter/9>.
- 29 B. Fuller and **E. Hannum**, “Introduction: Inequality across societies,” in *Inequality across societies: Families, schools and persisting stratification*: ser. Research in the sociology of education, D. Baker, B. Fuller, **E. Hannum**, and R. Werum, Eds., vol. 14, Bingley: Emerald Group Publishing Limited, 2003, pp. 1–5, ISBN: 978-0-7623-1061-6.  DOI: [10.1016/S1479-3539\(03\)14001-3](https://doi.org/10.1016/S1479-3539(03)14001-3).
- 30 **E. Hannum** and B. Fuller, “Commentary: Educational stratification in Asia,” in *Inequality across societies: Families, schools and persisting stratification*: ser. Research in the sociology of education, D. Baker, B. Fuller, **E. Hannum**, and R. Werum, Eds., vol. 14, Bingley: Emerald Group Publishing Limited, 2003, pp. 125–137, ISBN: 978-0-7623-1061-6.  DOI: [10.1016/S1479-3539\(03\)14006-2](https://doi.org/10.1016/S1479-3539(03)14006-2).
- 31 B. Fuller and **E. Hannum**, “Introduction: Scaffolds for achievement? Institutional foundations of social capital,” in *Schooling and social capital in diverse cultures*, ser. Research in the sociology of education, B. Fuller and **E. Hannum**, Eds., vol. 13, Emerald Group Publishing Limited, Jan. 2002, pp. 1–12, ISBN: 978-0-7623-0817-0 978-1-84950-885-8.  DOI: [10.1108/S1479-3539\(2002\)0000013001](https://doi.org/10.1108/S1479-3539(2002)0000013001).
- 32 **E. Hannum** and B. Fuller, “Conclusions: Cross-cultural views of social capital, institutions, and stratification,” in *Schooling and social capital in diverse cultures*, ser. Research in the sociology of education, B. Fuller and **E. Hannum**, Eds., vol. 13, Emerald Group Publishing Limited, Jan. 2002, pp. 171–179, ISBN: 978-0-7623-0817-0 978-1-84950-885-8.  DOI: [10.1108/S1479-3539\(2002\)0000013010](https://doi.org/10.1108/S1479-3539(2002)0000013010).
- 33 **E. Hannum**, “Commentary on chapter 10, “Poverty and education in Mexico, 1984-1996,” by Teresa Bracho,” in *Unequal schools, unequal chances: the challenges to equal opportunity in the Americas*, ser. The David Rockefeller Center series on Latin American studies, Harvard University 5, F. Reimers, Ed., Cambridge, MA: Harvard University, David Rockefeller Center for Latin American Studies; Distributed by Harvard University Press, 2000, pp. 285–288, ISBN: 978-0-674-00375-0.  URL: <https://eric.ed.gov/?id=ED464800>.
- 34 **E. Hannum**, “Commentary on chapter 13, “Function and evaluation of a compensatory program directed at the poorest Mexican states: Chiapas, Guerrero, Hidalgo, and Oaxaca,” by Carlos Munoz Izquierdo and Raquel Ahuja Sanchez,” in *Unequal schools, unequal chances: the challenges to equal opportunity in the Americas*, ser. The David Rockefeller Center series on Latin American studies, Harvard University 5, F. Reimers, Ed., Cambridge, MA: Harvard University, David Rockefeller Center for Latin American Studies; Distributed by Harvard University Press, 2000, p. 374, ISBN: 978-0-674-00375-0.  URL: <https://eric.ed.gov/?id=ED464800>.

## Peer-Reviewed Edited Volumes

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- 1 P. A. Kong, **E. Hannum**, and G. A. Postiglione, Eds., *Rural education in China's social transition* (Education and society in China), 1st ed. London; New York: Routledge, 2022, ISBN: 978-1-315-54586-8. [🔗 URL: https://doi.org/10.4324/9781315545868.](https://doi.org/10.4324/9781315545868)
- 2 **E. Hannum**, H. Park, and Y. Goto Butler, Eds., *Globalization, changing demographics, and educational challenges in East Asia* (Research in the Sociology of Education), 1st ed. Bingley, UK: Emerald Group Publishing Limited, 2010, vol. 17, ISBN: 978-1-84950-976-3 978-1-84950-977-0. [🔗 DOI: 10.1108/S1479-3539\(2010\)17.](https://doi.org/10.1108/S1479-3539(2010)17)
- 3 B. Fuller, M. K. Henne, and **E. Hannum**, Eds., *Strong states, weak schools: The benefits and dilemmas of centralized accountability* (Research in the Sociology of Education). Emerald Group Publishing Limited, Jan. 2008, vol. 16, ISBN: 978-1-84663-910-4 978-1-84663-911-1. [🔗 DOI: 10.1016/S1479-3539\(2008\)16.](https://doi.org/10.1016/S1479-3539(2008)16)
- 4 **E. Hannum** and A. Park, Eds., *Education and reform in China* (Critical Asian scholarship). London ; New York: Routledge, 2007, ISBN: 978-0-415-77095-8 978-0-203-96095-0. [🔗 URL: https://www.routledge.com/Education-and-Reform-in-China/Hannum-Park/p/book/9780415547055.](https://www.routledge.com/Education-and-Reform-in-China/Hannum-Park/p/book/9780415547055)
- 5 **E. Hannum** and B. Fuller, Eds., *Children's lives and schooling across societies* (Research in the Sociology of Education). Emerald Group Publishing Limited, Jan. 2006, vol. 15, ISBN: 978-0-7623-1291-7 978-1-84950-400-3. [🔗 DOI: 10.1016/S1479-3539\(2006\)15.](https://doi.org/10.1016/S1479-3539(2006)15)
- 6 D. Baker, B. Fuller, **E. Hannum**, and R. Werum, Eds., *Inequality across societies: Families, schools and persisting stratification* (Research in the Sociology of Education). Emerald Group Publishing Limited, Jan. 2003, vol. 14, ISBN: 978-0-7623-1061-6 978-1-84950-241-2. [🔗 DOI: 10.1016/S1479-3539\(2003\)14.](https://doi.org/10.1016/S1479-3539(2003)14)
- 7 B. Fuller and **E. Hannum**, Eds., *Schooling and social capital in diverse cultures* (Research in the Sociology of Education). Emerald Group Publishing Limited, Jan. 2002, vol. 13, ISBN: 978-0-7623-0817-0 978-1-84950-885-8. [🔗 DOI: 10.1108/S1479-3539\(2002\)13.](https://doi.org/10.1108/S1479-3539(2002)13)

## Reports and Other Professional Documents

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- 1 **E. Hannum**, "Educational development in China: Progress, challenges, and outlook," U.S.-China Economic and Security Review Commission, Washington, D.C., Commission report, 2023, p. 36. [🔗 URL: https://www.uscc.gov/sites/default/files/2023-02/Emily\\_Hannum\\_Report\\_Prepared\\_for\\_the\\_Commission.pdf.](https://www.uscc.gov/sites/default/files/2023-02/Emily_Hannum_Report_Prepared_for_the_Commission.pdf)
- 2 **E. Hannum**, "Contexts and youth livelihoods in minoritized communities in China," Tech. Rep., 2021, Publication Title: The contest over "indigeneity": film and ethnography in China, Hong Kong, and Taiwan. Curator: Jenny Chio. Type: Film and ethnography program. [🔗 URL: https://thecontestoverindigeneity.weebly.com/contexts-and-youth-livelihoods-in-minoritized-communities-in-china.html.](https://thecontestoverindigeneity.weebly.com/contexts-and-youth-livelihoods-in-minoritized-communities-in-china.html)

- 3 **E. Hannum**, L.-C. Hu, and W. Shen, “Short- and Long-Term Outcomes of the Left behind in China: Education, Well-Being and Life Opportunities,” UNESCO, Paris, Programme and meeting document ED/GEMR/MRT/2018/P1/2, 2018, p. 88. [🔗 URL: https://unesdoc.unesco.org/ark:/48223/pf0000266050](https://unesdoc.unesco.org/ark:/48223/pf0000266050).
- 4 H.-Y. S. Cherng and **E. Hannum**, “Equity and exclusion in education in China,” commissioned by Harry Patrinos, World Bank Report, 2012.
- 5 **E. Hannum**, “Ethnic disparities in China: Geography, rurality, and socioeconomic welfare,” World Bank, Washington, D.C., China Country Brief 64763, 2011, p. 2. [🔗 URL: http://documents.worldbank.org/curated/en/679341468216945542/Ethnic-disparities-in-China-geography-rurality-and-socioeconomic-welfare](http://documents.worldbank.org/curated/en/679341468216945542/Ethnic-disparities-in-China-geography-rurality-and-socioeconomic-welfare).
- 6 **E. Hannum** and M. Wang, “Ethnicity, socioeconomic status and social welfare in China,” World Bank, Report for the World Bank Project, Indigenous Populations, Poverty and Development, 2010. [🔗 URL: https://core.ac.uk/download/pdf/76378161.pdf](https://core.ac.uk/download/pdf/76378161.pdf).
- 7 **E. Hannum**, “Review of Andrew Martin Fischer. *State growth and social exclusion in Tibet: Challenges of recent economic growth* . Copenhagen: Nordic Institute of Asian Studies, 2005. Pp. xxvi+187. \$24.00 (paper).,” *Economic Development and Cultural Change* Vol. 56, No. 3, Apr. 2008, pp. 717–719. [🔗 URL: https://www.journals.uchicago.edu/doi/10.1086/533537](https://www.journals.uchicago.edu/doi/10.1086/533537).
- 8 **E. Hannum** and P. Kong, “Educational resources and impediments in rural Gansu, China,” World Bank, Washington D.C, World Bank Working Paper Series on China 2007-3 40251, 2007, p. 115. [🔗 URL: https://documents1.worldbank.org/curated/en/442201468213919749/pdf/402510CHA0P0981Rural0Gansu01PUBLIC1.pdf](https://documents1.worldbank.org/curated/en/442201468213919749/pdf/402510CHA0P0981Rural0Gansu01PUBLIC1.pdf).
- 9 **E. Hannum** and P. Kong, “Rural children’s school persistence,” World Bank Policy Note, Washington D.C, Tech. Rep., 2007, p. 7.
- 10 **E. Hannum** and P. Kong, “School finance and educational access barriers in rural Gansu, China,” World Bank, Washington D.C, World Bank Policy Note, 2007, p. 5.
- 11 **E. Hannum** and P. Kong, “The primary teacher workforce in rural China—an example from Gansu Province,” World Bank Policy Note, 2007, Place: Washington D.C Publisher: World Bank, p. 8.
- 12 **E. Hannum**, T. Sargent, and S. Yu, “Poverty, family health problems and children’s access to schooling: Case studies from China, India, and Indonesia,” UNESCO Institute for Statistics, Montreal, Tech. Rep., 2006.
- 13 Y. Zhang, **E. Hannum**, and M. Wang, “Gender-based employment differences in urban China: The contributions of marriage and parenthood,” Kitakyushu, Japan, International Centre for the Study of East Asian Development Working Paper 2005-25, 2005, Place: Kitakyushu, Japan, pp. 29–6.

- 14 Y. Zhang, G. Kao, and E. C. Hannum, "Mothers' educational expectations for sons and daughters in rural China," Asia Growth Research Institute, Kitakyushu, Japan, Working Paper 2004-11, 2004. [URL: http://en.agi.or.jp/workingpapers/WP2004-11.pdf](http://en.agi.or.jp/workingpapers/WP2004-11.pdf).
- 15 J. Giles, **E. Hannum**, A. Park, and J. Zhang, "Life-skills, schooling, and the labor market in urban China: New insights from adult literacy measurement," Asia Growth Research Institute, Kitakyushu, Japan, International Centre for the Study of East Asian Development Working Paper 2003-21, 2003, Place: Kitakyushu, Japan, p. 72. [URL: http://www.agi.or.jp/7publication/workingpp/wp2003/2003-21.pdf](http://www.agi.or.jp/7publication/workingpp/wp2003/2003-21.pdf).
- 16 **E. Hannum** and C. Buchmann, "The consequences of global educational expansion: Social science perspectives," American Academy of Arts and Sciences, Cambridge, MA, Project on universal basic and secondary education LOC ISBN 978-0-87724-039-6, 2003, p. 31. [URL: https://www.issuelab.org/resources/8814/8814.pdf](https://www.issuelab.org/resources/8814/8814.pdf).
- 17 **E. Hannum**, A. Park, J. Giles, and J. Zhang, "Human capital in China's urban labor market: Insights from new literacy, numeracy and life-skills measures," Asia Growth Research Institute, Kitakyushu, Japan, East Asian Economic Perspectives 14 (3), 2003, pp. 57-58.
- 18 **E. Hannum**, "Investigating children's schooling in the interior: The Gansu Survey of Children and Families," Hong Kong University, Hong Kong, China Education Forum 2-1, 2001, p. 7. [URL: http://www.hku.hk/chinaed/newsletter/hannum.html](http://www.hku.hk/chinaed/newsletter/hannum.html).
- 19 **E. Hannum** and J.-E. Joo, "Alleviating poverty through education: Potential ICT applications in developing countries," Asian Development Bank Institute, Hong Kong, Tokyo, Background paper S41/01, 2001, Issue: Pages: 15, Series: summary available in the Asian Development Bank Institute Executive Summary Series Type: (Hong Kong, p. 15. [URL: http://www.adbi.org/PDF/ess/ESS41.pdf](http://www.adbi.org/PDF/ess/ESS41.pdf).
- 20 **E. Hannum**, "Educational expansion and demographic change: Pathways of influence," Background paper prepared for the World Bank Workshop, "Asia's New Demographic Realities: Do they Matter for Economic Growth ( April, Bangladesh) (Available in the World Bank Institute's Adapting to Change Learning Program Library), 1998, pp. 10-. [URL: http://info.worldbank.org/etools/library/latestversion.asp?48383](http://info.worldbank.org/etools/library/latestversion.asp?48383).
- 21 **E. Hannum** and Y. Xie, "Ethnic and gender stratification in an economic reform era: The case of Xinjiang, China," University of Michigan Population Studies Center Research Report 95-327, 1995, p. 30.
- 22 **E. Hannum** and Y. Xie, "Gender and educational attainment in modern China: An analysis of trends," University of Michigan Population Studies Center Working Paper 92-264, 1992, p. 32.

## Fellowships and Honors

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2022- [◇ Elected member of the Sociological Research Association.](#)

## Fellowships and Honors (continued)




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- 2001 – 2002    ◇ **National Academy of Education/Spencer Foundation Post-Doctoral Fellowship.** Fellowship to study poverty, gender, and children's schooling experiences in Western China.
- 1996 – 1997    ◇ **Spencer Foundation Dissertation Fellowship for Research Related to Education.** Fellowship awarded to study the consequences of economic reforms for educational stratification in rural China.
- Fall 1997      ◇ **University of Michigan Horace H. Rackham School of Graduate Studies Dissertation Write-up Grant.** Grant to write up study of the consequences of economic reforms for educational stratification in rural China.
- 1996 – 1997    ◇ **University of Michigan Horace H. Rackham School of Graduate Studies Predoctoral Fellowship.** Fellowship awarded to study ethnic, gender, and socio-economic disparities in schooling in rural China, declined.
- 1994 – 1996    ◇ **National Institute of Child Health and Human Development Fellowship.** NICHD Fellowship for Training in Social and Economic Development.
- 1992 – 1993    ◇ **Social Science Research Council/Ford Foundation International Pre-Dissertation Fellowship.** Fellowship awarded to study ethnic differences in educational and occupational attainment in China.

## Project and Workshop Links

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### Projects

- ◇ **Gansu Survey of Children and Families**  
 <https://web.sas.upenn.edu/gansu-survey/>
- ◇ **Demographic Change and Educational Response**  
 <https://web.sas.upenn.edu/demography-and-education/>
- ◇ **Climate, Environment, and Childhood Inequalities**  
 <https://web.sas.upenn.edu/climate-environment-children/>



## Project and Workshop Links (continued)

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### Workshop

◇ **Penn Education and Inequality Workshop**

 <https://web.sas.upenn.edu/education-and-inequality-workshop/>

### External Grants

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- 1998 – 1999 ◇ ***A Pilot Study of Children and Families in Gansu.*** *Funder:* Spencer Foundation Small Grants Program. *Role:* Principal Investigator with Co-Investigator Yanhong Zhang. *Amount:* \$35,000.
- 1999 – 2002 ◇ ***The Gansu Poverty and Education Project.*** *Funder:* Spencer Foundation Major Grants Program. *Role:* Principal Investigator with Co-Investigator Yanhong Zhang. *Amount:* \$278,000
- 2001 – 2001 ◇ ***Harvard Conference on Chinese Education Reform.*** *Funder:* Ford Foundation-Beijing and Harvard University Asia Center. *Role:* Co-organizer with Albert Park. *Amount:* \$45,000
- 2001 – 2003 ◇ ***Gansu Survey of Children and Families, Waves 2 and 3: Pilot.*** *Funder:* National Institutes of Health Fogarty International Center NIH 1R01TW005930-01 and 5R01TW005930-02. *Role:* Principal Investigator with Co-Principal Investigators Albert Park and Yanhong Zhang. *Amount:* \$126,000.
- 2002 – 2003 ◇ ***Human Capital in China's Urban Labor Market: Insights from New Literacy, Numeracy and Life-Skills Measures.*** *Funder:*The International Center for the Study of East Asian Development, Kitakyushu, Japan. *Role:* Principal Investigator, with Co-Investigators Albert Park, John Giles, Meng Hongwei, Cai Fang, Zhang Juwei. *Amount:* ¥1,995,220 (\$17,908).
- 2003 – 2005 ◇ ***The Interaction of Health, Education and Employment in Western China.*** *Funder:* Internal grant administered through the World Bank. *Role:* Consultant, with consultants Albert Park, Paul Glewwe, and World Bank Principal Investigator Guo Li. *Amount:* Approximately \$271,000.
- 2005 – 2005 ◇ ***Are Parental Health Problems a Barrier to Children's Schooling in Developing Countries? Evidence from Indonesia, India, and Rural China.*** *Funder:* UNESCO Institute for Statistics contract to produce a paper. *Role:* Lead, with co-authors Tanja Sargent and Shengchao Yu. *Amount:* \$8,000.

## External Grants (continued)

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- 2007 – 2008     ◇ ***The Long-Term Impact of Providing Eyeglasses to Primary School Students: Further Analysis of a Randomized Trial Conducted in China's Gansu Province.*** *Funder:* Internal grant administered through the World Bank. *Role:* Consultant, with consultants Albert Park, Paul Glewwe, and World Bank Principal Investigator Kin Bing Wu and co-investigator Emmanuel Jimenez. *Amount:* Approximately \$74,898.
- 2007 – 2010     ◇ ***The Gansu Survey of Children and Families, Wave 3.*** *Funder:* United Kingdom Economic and Social Research Council/Department for International Development. *Role:* Principal Investigator, with Co-Principal Investigators Albert Park and Paul Glewwe. *Amount:* £250,000.
- 2018-2018     ◇ ***Short- and Long-Term Outcomes of the Left behind in China: Education, Well-Being and Life Opportunities.*** *Funder:* UNESCO Contract to produce background paper for the 2019 Global Education Monitoring Report. *Role:* Lead, with co-authors Wensong Shen and Li-Chung Hu. *Amount:* \$8,000.
- 2018 – 2024     ◇ ***Prenatal Air Pollution Exposure and Infant and Child Development.*** *Funder:* National Science Foundation SES #1756738. *Role:* Principal Investigator, with Co-Investigators Jere Behrman, Xiaoying Liu, Xinyin Chen and Jianghong Liu. *Amount:* \$319,999.
- 2022 – 2025     ◇ ***The Long-Run Causal Effects of Single-Sex High Schools on Adult Outcomes: Survey and Experiments.*** *Funder:* National Science Foundation SES #2213917. *Role:* Co-Principal Investigator, with Principal Investigator Hyunjoon Park and Co-Principal Investigators Jere Behrman, Eugen Dimant, and Diana Mutz. *Amount:* \$453,000.
- 2023 – 2025     ◇ ***PIRE: Climate Risk, Pollution, and Childhood Inequalities in Low- and Middle-Income Countries.*** *Funder:* National Science Foundation OISE #2230615. *Role:* Principal Investigator, with Co-Principal Investigators Jere Behrman and Fan Wang. *Amount:* \$1,485,510.

## Internal Grants

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- 1998     ◇ *Description:* Harvard University David Rockefeller Center for Latin American Studies Curriculum Improvement Grant, awarded to incorporate Latin American source materials into the course, Seminar on Education and Social Inequality. *Role:* Principal Investigator. *Amount:* \$5,000.

## Internal Grants (continued)

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- ◇ *Description:* Harvard Graduate School of Education Faculty Research Innovation Fund Grant, awarded for the research project *Poverty and Children's Health in China*. Analyses of the National Survey of the Situation of China's Children and of the China Health and Nutrition Panel Study designed to evaluate children's health equity in an era of privatization. *Role:* Principal Investigator. *Amount:* \$5,000.
- ◇ *Description:* Harvard Graduate School of Education Teaching and Curriculum Quality Grant, awarded to incorporate international materials into the course, Seminar on Education and Social Inequality. *Role:* Principal Investigator. *Amount:* \$3,000.
- ◇ *Description:* Harvard Graduate School of Education Teaching and Curriculum Quality Grant, awarded to create a website containing links to survey data archives, question banks, and searchable databases for the course, Survey Data Collection: Design and Management. *Role:* Principal Investigator. *Amount:* \$3,000).
- 1999 ◇ *Description.* Harvard Graduate School of Education Faculty Research Innovation Fund Grant, awarded to develop psychological indicators for use among adolescents in rural China. *Role:* Principal Investigator. *Amount;* \$5,000.
- ◇ *Description.* Harvard Graduate School of Education Teaching and Curriculum Quality Grant, awarded to write a review of educational stratification research in developing countries as introductory material for the course, Seminar on Education and Social Inequality. *Role:* Principal Investigator. *Amount:* \$5,000.
- ◇ *Description:* Harvard Graduate School of Education Faculty Research Innovation Fund Grant, awarded to partially fund a Harvard Graduate School of Education doctoral student as an editorial assistant for the volume, *Research in Sociology of Education* (matching funds provided by Berkeley) *Role:* Principal Investigator. *Amount:* \$5,000.
- 2000 ◇ *Description:* Harvard Graduate School of Education Technology Award, awarded to organize a team to explore distance learning possibilities for the international development and education program *Role:* Principal Investigator. *Amount:* \$12,000.
- 2001 ◇ *Description:* Virtual Seminars on International Education Policy (2001). Support from Harvard University Provost's Office for virtual seminars with education professionals working in developing countries and International Education Policy faculty and graduate students. *Role:* Co-Organizer with Jae-Eun Joo and Suzanne Grant-Lewis. *Amount:* \$45,833.
- 2004 ◇ *Description:* Grant for Course Development from the University of Pennsylvania Women's Studies Program for *Gender and Development in Asia*. *Role:* Principal Investigator. *Amount:* \$4,000.

## Internal Grants (continued)

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- ◇ *Description:* University of Pennsylvania Research Foundation grant to support the research project *Gender and Labor Outcomes in Urban China*. *Role:* Principal Investigator. *Amount:* \$8,000.
- 2005 ◇ *Description:* Faculty Research Travel Grant from the University of Pennsylvania Center for East Asian Studies for *Fieldwork and a Workshop in Gansu, China*. *Role:* Principal Investigator. *Amount:* \$6,000.
- 2006 ◇ *Description:* University of Pennsylvania Grant Competition to disburse funds from the National Institutes of Health - National Institute on Aging, Grant number P30 AG12836, the Boettner Center for Pensions and Retirement Security at the University of Pennsylvania, and National Institutes of Health - National Institute of Child Health and Development Population Research Infrastructure Program R24 HD- 044964. Support for *Disseminating and Extending the Gansu Survey of Children and Families*. *Role:* Principal Investigator. *Amount:* \$29,981.
- ◇ *Description:* Support from the University of Pennsylvania Research Foundation, Center for East Asian Studies, Sociology Department, and Graduate School of Education for *Conference: Globalization, Demographic Change, and Educational Challenges in East Asia*. *Role:* Co-Organizer, with Co-Organizers Hyunjoon Park and Yuko Butler. *Amount:* \$16,500 total.
- 2009 – 2011 ◇ *Description:* Support for *Food Insecurity, Nutritional Deprivation, and Child Functioning in Rural China*. University of Pennsylvania Grant Competition. (National Institutes of Health - National Institute on Aging, Grant number P30 AG12836, the Boettner Center for Pensions and Retirement Security at the University of Pennsylvania, and National Institutes of Health - National Institute of Child Health and Development Population Research Infrastructure Program R24 HD-044964). *Role:* Principal Investigator. *Amount:* \$10,000.
- ◇ *Description:* University of Pennsylvania Provost's International Initiative support for *Asia-Pacific Education, Language Minorities and Migrants (Asia-Pacific ELMM) Project*. *Role:* Principal Investigator, with co-Principal Investigators Hyunjoon Park and Yuko Goto Butler. *Amount:* Approximately \$65,000.
- 2013 ◇ *Description:* Penn School of Arts and Sciences Research Opportunity Grant for *Ethnic Disparities in Social Welfare outcomes Outcomes in China*. *Role:* Principal Investigator. *Amount:* \$5,000.
- ◇ *Description:* Penn Provost's Global Engagement Fund Grant for *Population Center Partnership*. *Role:* Principal Investigator. *Amount:* \$20,260.
- 2015 ◇ *Description:* Grants from University of Pennsylvania University Research Foundation and School of Arts and Sciences Research Opportunity Fund for *The State and Ethnic Identity in China*. *Role:* Principal Investigator. *Amount:* University of Pennsylvania University Research Foundation: \$35,638. *Amount:* Penn School of Arts and Sciences Research Opportunity Grant: \$4,500.

## Internal Grants (continued)

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- 2015 – 2023    ◇ *Description:* University of Pennsylvania Provost’s Global Engagement Fund seed grant to support *Prenatal Ambient Air Pollution and Fetal and Child Development in South China*. *Amount:* \$318,682. *Role:* Co-Principal Investigator, with Co-Principal Investigator Jere Behrman.
- 2017 – 2018    ◇ *Description:* University of Pennsylvania Provost’s Global Engagement Fund grant to support *Global Perspectives on Childhood Poverty, Family Separation, and Educational Opportunity*. *Role:* Principal Investigator. *Amount:* \$15,041.
- 2017 – 2019    ◇ *Description:* School of Arts and Sciences Dean’s Integrative Global Inquiries Fund for *Prenatal Air Pollution Exposure and Child Welfare in China*. *Role:* Co-Principal Investigator, with Co-Principal Investigator Jere Behrman. *Amount:* \$29,096.
- 2022 – 2023    ◇ *Description:* University of Pennsylvania Provost’s India Research and Engagement Fund and University Research Foundation support for *Flooding and Children’s Schooling in Rural India*. *Role/India Research and Engagement Fund:* Co-Investigator, with Principal Investigator Amrit Thapa and Co-Investigators Jere Behrman and Nazar Khalid. *Role/University Research Foundation:* Principal Investigator, with Co-Investigators Jere Behrman, Nazar Khalid, and Amrit Thapa. *Amount/India Research and Engagement Fund:* \$20,000. *Amount/University Research Foundation:* \$20,000.
- ◇ *Description:* Quartet Pilot Research award funded by the Population Studies Center at the University of Pennsylvania with support from the National Institutes of Health to support *Climate Risk, Air Pollution, and Childhood Inequalities in Developing Countries* *Role:* Principal Investigator. *Amount:* \$10,000.
- 2023 – 2024    ◇ *Description:* Penn Environmental Innovations Initiative (EII) event funds to support *Climate, Environment and Childhood Inequality (CECI) Seminars*. *Role:* Co-Investigator, with Jere Behrman (Principal Investigator) and Co-Investigators Amrit Thapa, Fan Wang, Sharon Wolf, and Fatima Zahra. *Amount:* \$10,000.

## Student advising/committee memberships (\*=advisor/chair or co-chair)

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- ◇ Al-Abbas, Mohammad\* – Current Advisor
- ◇ Bryer, Ellen\* – Current Advisor
- ◇ Feng, Kai\* – Current Advisor
- ◇ Khalid, Nazar\* – Current Advisor
- ◇ van Stee, Elena – Current Committee Member
- ◇ Yang, Sukie \* – Current Advisor

## **Student advising/committee memberships (\*=advisor/chair or co-chair) (continued)**

- ◇ Adams, Jennifer\* – Johns Hopkins University
- ◇ Alvarado-Urbina, Andrea\* – University of Tarapacá
- ◇ Cherng, Hua-Yu Sebastian\* – New York University
- ◇ Chiang, Yi-lin – New York University Shanghai
- ◇ Ellialti, Tugce\* – Trent University
- ◇ Evans, Shani – Rice University
- ◇ Grant, Monica – University of Wisconsin
- ◇ Hsieh, Ning – Michigan State University
- ◇ Hu, Li-Chung\* – National Chengchi University
- ◇ Jo, Hyejeong – Samsung Economics Research Institute
- ◇ Joshi, Priyadarshani\* – UNESCO
- ◇ Kong, Peggy A.\* – Drexel University
- ◇ Liu, Jihong – University of South Carolina
- ◇ Liu, Ran\* – University of Wisconsin
- ◇ Liu, Xiaodong\* – Brandeis University
- ◇ Orosz, Kata – Central European University
- ◇ Reed, Megan\* – Emory University
- ◇ Rubin, Mollie – Vanderbilt University
- ◇ Sargent, Tanja\* – Rutgers University
- ◇ Sharygin (Jennings), Ethan – Portland State University
- ◇ Shen, Wensong\* – Chinese University of Hong Kong
- ◇ Young, Natalie\* – National Center for Health Statistics
- ◇ Zhang, Yuping\* – Lehigh University
- ◇ Zhao, Menghan – Renmin University of China
- ◇ Zhao, Siman – University of Dayton