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University of Pennsylvania  
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(04/01/2020)

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## EMPLOYMENT

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**Professor of Sociology (2016-) and Associate Dean for Social Sciences (2018-), 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, Population Studies Center, Graduate School of Education.

**Associate Director, Population Studies Center, University of Pennsylvania (2016-2018)**

**Associate Chair, Department of Sociology, University of Pennsylvania (2016-2017)**

**Associate Professor of Sociology, University of Pennsylvania (2008-2016) (Graduate Chair, 2008-2015)**

**University Lecturer in the Sociology of China, University of Oxford (2008)**

**Assistant Professor of Sociology, University of Pennsylvania (2001-2007)**

**Assistant Professor of Administration, Planning and Social Policy, Harvard Graduate School of Education (1998-2001)**

**Research Associate, Harvard Institute for International Development Social Development Group (1998-1999)**

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## EDUCATION

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**Ph. D., Sociology, University of Michigan, Demography Concentration, conferred 1998**

*Doctoral 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).

**B.A., Sociology, Magna Cum Laude, Georgetown University, 1991**

**Mandarin Training Program, National Taiwan Normal University, Taipei, Taiwan, 1990**

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## 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.

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## TEACHING EXPERIENCE

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**Department of Sociology, University of Pennsylvania**

*Graduate:* Writing Workshops (Sociology and Demography); Proseminar in Sociological Research; Survey Data Collection; Sociology of Education.

*Undergraduate:* Social Issues in Contemporary China; Gender and Development in Asia; Survey Research Methods; Introduction to Demographic Methods.

**Department of Sociology, University of Oxford**

*Graduate:* Sociology of China, Sociological Analysis, Professional Socialization Workshop (module).

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

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

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## PROFESSIONAL ACTIVITY

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Consulting experience on educational development issues for the World Bank, the Asian Development Bank Institute, and the UNESCO.

### Survey Experience:

Co-Principal Investigator, Yue Baby Project, 2019

Co-Principal Investigator, Gansu Survey of Children and Families, 1998-present

Co-Principal Investigator, China Educational Panel Survey, 2015

International Advisory Committee, China Household Economic Survey, 2012-present

International Advisory Committee, China General Social Survey, 2011-present

**Editorial Board Memberships:** *Chinese Journal of Sociology* (2014-present), *China Sociological Review* (2014-present), *Sociology of Education* (2014-2017), *Research in Sociology of Education* (2014-present), *Educational Evaluation and Policy Analysis* (2010-2015), *American Journal of Sociology* (2006-2008).

**Editorial Board Co-editorships:** *Comparative Education Review* (2008-2013), *Research in Sociology of Education* (2001-2011).

**Organizational Board Service:** Board Member, Population Association of America, 2018-2020. President, North American Chinese Sociologists Association, 2013-2015; Board of Directors, North American Chinese Sociologists Association, 2012-2016; Board of Directors, Comparative and International Education Society, 2009-2011.

**Review Panels:** NSF Advisory Panel, 2011-2012; Hong Kong Research Grants Council, 2011-2014; United Kingdom Economic and Social Research Council Peer Reviewers College, 2010-present.

**External reviews:** Spencer Foundation Major Grants Program and Dissertation Fellowships Program, National Science Foundation, Hong Kong Research Grants Council, United Kingdom Economic and Social Research Council.

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## JOURNAL ARTICLES

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1. Hannum, Emily, Xiaoying Liu, and Fan Wang. (accepted) "Estimating the Effects of Educational System Contraction: The Case of China's Rural School Closure Initiative." *Economic Development and Cultural Change*.
2. Hu, Li-Chung, and Emily Hannum. (in press) "Red Flag: Grade Retention and Student Academic and Behavioral Outcomes in China." *Children and Youth Services Review* (serial number: 104896).
3. Hannum, Emily, Weiwei Hu and Albert Park. (2019) "Home, School, and Community Deprivations: A Multi-context Approach to Childhood Poverty in China." *Journal of Contemporary China* (April): 1-19 (online first).
4. Hannum, Emily, Hiroshi Ishida, Hyunjoon Park, and Tony Tam. (2019) "Education in East Asian Societies: Postwar Expansion and the Evolution of Inequality." *Annual Review of Sociology* 45(1):625-47.
5. Liu, Ran, Andrea Urbina, and Emily Hannum. (2019). "Differences at the Extremes? Gender, National Contexts, and Math Performance in Latin America." (2019) (Forthcoming, *American Educational Research Journal*).
6. Roberts, Philip, and Emily Hannum. (2019) "Education and Equity in Rural China: A Critical Introduction for the Rural Education Field." *Australian and International Journal of Rural Education* 28 (2): 1-13.
7. Zhao, Menghan and Emily Hannum. (2019) "Stark Choices: Work-Family Tradeoffs among Migrant Women and Men in Urban China." *Chinese Sociological Review* 1-32 (online first).
8. Young, Natalie A.E., and Emily Hannum. (2018) "Childhood Inequality in China: Evidence from Recent Survey Data (2012-2014)." *The China Quarterly* 236 (December): 1063-87.
9. Adams, Jennifer, and Emily C Hannum. (2018) "School Violence in China: A Multi-Level Analysis of Student Victimization in Rural Middle Schools." *Research in the Sociology of Education*. (2018), 41-69
10. Shen, Wensong, Li-Chung Hu and Emily Hannum. (2018) "Cumulative Adversity, Childhood Behavioral Problems, and Educational Mobility in China's poorest rural communities." *Chinese Journal of Sociology* 3 (4): 491-517.

11. Liu, Xiaoying, and Emily Hannum. (2017) "Early Poverty Exposure Predicts Young Adult Educational Outcomes in China." *China Economic Review* 44 (July): 79–97.
12. Hannum, Emily, and Li-Chung Hu. (2017) "Chronic Undernutrition, Short-Term Hunger, and Student Functioning in Rural Northwest China." *International Journal of Educational Development* 54 (May): 26–38.
13. Hannum, Emily, Ran Liu, and Andrea Alvarado-Urbina. (2017). "Evolving Approaches to the Study of Childhood Poverty and Education." *Comparative Education* 53 (1): 81–114.
14. Chiang, Yilin, Emily Hannum, and Grace Kao. (2015) "It's Not Just About the Money: Gender and Youth Migration from Rural China." *Chinese Sociological Review* 47(2):177–201.
15. Hannum, Emily, Hua-Yu Sebastian Cherng, and Meiyang Wang. 2015. "Ethnic Disparities in Educational Attainment in China: Considering the Implications of Interethnic Families." *Eurasian Geography and Economics* 56 (1): 8–23.
16. Zhang, Yuping and Emily Hannum. (2015) "Diverging Fortunes: The Evolution of Gender Wage Gaps for Singles, Couples, and Parents in China, 1989-2009." *Chinese Journal of Sociology* 1(1):15–55.
17. Hannum, Emily, Jihong Liu, and Edward A. Frongillo. (2014) "Poverty, Food Insecurity and Nutritional Deprivation in Rural China: Implications for Children's Literacy Achievement." *International Journal of Educational Development* 34 (0):90–97.
18. Cherng, Hua-Yu Sebastian and Emily Hannum. (2013) "Community Poverty, Industrialization, and Educational Gender Gaps in Rural China." *Social Forces* 92 (2):659–90.
19. Hannum, Emily, Yuping Zhang, and Meiyang Wang. (2013) "Why are Returns to Education Higher for Women than for Men in Urban China?" *The China Quarterly* 215 (September):616–40.
20. Chiang, Yilin, Emily Hannum, and Grace Kao. (2012)"Who Goes, Who Stays, and Who Studies? Gender, Migration, and Educational Decisions among Rural Youth in China." *International Journal of Chinese Education* 1 (1): 106-131.
21. Hannum, Emily, and Yuping Zhang. (2012)"Poverty and Proximate Barriers to Learning: Vision Deficiencies, Vision Correction and Educational Outcomes in Rural Northwest China." *World Development* 40 (9): 1921-1931.
22. Wang, Meiyang and Emily Hannum. (2012) "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." (Research on the Educational Development amongst China's Minorities since 1990: Evidence from Analyses of Population Censuses and Surveys) *人口学刊* (*Journal of Population Studies*) 003: 60- 71.
23. Hannum, Emily, Xuehui An and Hua-Yu Sebastian Cherng. (2011) "Examinations and Educational Opportunity in China: Mobility and Bottlenecks for the Rural Poor." *Oxford Review of Education* 37 (2): 267-305.
24. Hannum, Emily, Peggy Kong, and Yuping Zhang. (2009) "Family Sources of Educational Gender Inequality in Rural China: A Critical Assessment." *International Journal of Educational Development* 29 (5):474-486.
25. Hannum, Emily, Tanja Sargent, and Shengchao Yu. (2009) "Parental Health and Children's Educational Access in Rural Gansu, China." *Provincial China* 1 (2):24-60.
26. Sargent, Tanja C. and Emily Hannum. (2009) "Doing More with Less: Teacher Professional Learning Communities in Resource-Constrained Primary Schools in Rural China." *Journal of Teacher Education* 60 (3):258-76.
27. Zhang, Yuping, Emily Hannum and Meiyang Wang. (2008) "Gender-Based Employment Differences in Urban China: Considering the Contributions of Marriage and Parenthood." *Social Forces* 86 (4): 1529-1560.
28. An, Xuehui, Emily Hannum, and Tanja Sargent. (2007) Teacher Qualifications, Teaching Quality and Student Educational Outcomes." *China: An International Journal* 5 (2): 309-334.
29. Yu, Shengchao and Emily Hannum. (2007) "Food for Thought: Poverty, Family Nutritional Environment and Children's Educational Performance in Rural China." *Sociological Perspectives* 50 (1):53-77.
30. Zhang, Yuping, Grace Kao, and Emily Hannum. (2007) "Do Mothers in Rural China Practice Gender Equity in Educational Aspirations for Children?" *Comparative Education Review* 51 (2) 131-158.
31. Hannum, Emily and Meiyang Wang. (2006). "Geography and Educational Inequality in China." *China Economic Review* 17 (3):253-65. Reprinted, pp. 26-41 in *Market Development in China: Spillovers, Growth, and Inequality*, edited by Belton M. Fleisher, Haizheng Li and Shunfeng Song (2007, Northampton, Ma.: Edward Elgar).
32. Adams, Jennifer and Emily Hannum. (2005) "Trends in Children's Social Welfare in China: Access to Health Insurance and Education." *The China Quarterly* 181 (March):100-121.
33. Hannum, Emily. (2005) "Market Transition, Educational Disparities, and Family Strategies in Rural China: New Evidence on Gender Stratification and Development." *Demography* 42 (2): 275-299.
34. Hannum, Emily and Claudia Buchmann. (2005) "Global Educational Expansion and Socio-Economic Development: An Assessment of Findings from the Social Sciences." *World Development* 33 (3): 333-354. Earlier

version available as a research report; see Hannum and Buchmann 2003 under “Other Professional Documents” below. Reprinted, pp. 495-534 in *Educating All Children*, edited by Joel E. Cohen, David E. Bloom and Martin B. Malin (2007, Cambridge: MIT Press.)

35. Sargent, Tanja and Emily Hannum. (2005) “Keeping Teachers Happy: Job Satisfaction among Primary School Teachers in Rural Northwest China.” *Comparative Education Review* 42 (2): 173-204.
36. Hannum, Emily. (2003) “Poverty and Basic Education in Rural China: Communities, Households, and Girls' and Boys' Enrollment.” *Comparative Education Review* 47 (2): 141-159.
37. Hannum, Emily. (2002) “Educational Stratification by Ethnicity in China: Enrollment and Attainment in the Early Reform Years.” *Demography* 39 (1): 95-117.
38. Buchmann, Claudia and Emily Hannum. (2001) “Education and Stratification in Developing Countries: A Review of Theories and Empirical Research.” *Annual Review of Sociology* 27: 77-102.
39. Stash, Sharon and Emily Hannum. (2001) “Who Goes to School? Educational Stratification by Gender, Caste and Ethnicity in Nepal.” *Comparative Education Review* 45 (3): 354-378.
40. Hannum, Emily. (1999) “Political Change and the Urban-Rural Gap in Education in China, 1949-1990.” *Comparative Education Review* 43 (2): 193-211.
41. Hannum, Emily. (1999) “Poverty and Basic-Level Schooling in the People’s Republic of China: Equity Issues in the 1990s.” *Prospects: the Quarterly Review of Comparative Education* 29 (4): 561-577. (Also published in translation in Arabic, Chinese, French, Russian, and Spanish.)
42. Hannum, Emily, and Yu Xie. (1998) “Ethnic Stratification in Northwest China: Occupational Differences between Han Chinese and National Minorities in Xinjiang, 1982-1990.” *Demography* 35 (3): 323-333.
43. Xie, Yu and Emily Hannum. (1996) “Regional Variation in Earnings Inequality in Reform- Era Urban China.” *American Journal of Sociology* 101 (4): 950-992. (Also published in translation in Chinese in *Market Reform and Social Stratification: American Sociologists' Analyses of China*, edited by Yanjie Bian. Beijing: San Lian Press, 2000.)
44. Hannum, Emily, and Yu Xie. (1994) “Trends in Educational Gender Inequality in China: 1949-1985.” *Research in Social Stratification and Mobility* 13: 73-98.

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#### CHAPTERS IN PEER-REVIEWED VOLUMES

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1. Kong, Peggy Gerard Postiglione, and Emily Hannum. (Status: contracted manuscript, submitted to Routledge.) “Introduction.” In *China’s Rural Education in Transition*, edited by Peggy Kong, Gerard Postiglione, and Emily Hannum. Oxford: Routledge.
2. Shen, Wensong and Emily Hannum. (Status: contracted manuscript, submitted to Routledge.) “Credit Limits and Educational Outcomes in Rural China.” In *China’s Rural Education in Transition*, edited by Peggy Kong, Gerard Postiglione, and Emily Hannum. Oxford: Routledge.
3. Hu, Li-Chung and Emily Hannum. (Status: contracted manuscript, submitted to Routledge.) “Grade Retention in China: Risk Factors and Implications.” In *China’s Rural Education in Transition*, edited by Peggy Kong, Gerard Postiglione, and Emily Hannum. Oxford: Routledge.
4. Young, Natalie A.E., and Emily C. Hannum. (2019) “Childhood Inequality and Schooling in China’s Cities.” In *China’s Urban Future and the Quest for Stability*, edited by Rebecca Anneli Clothey and Richardson Dilworth. McGill: Montreal, CA.
5. Hannum, Emily C, and Yu Xie. (2016) “Chapter 20: Education.” In *The Oxford Handbook of the Social Science of Poverty*, edited by David Brady and Linda Burton. New York, NY: Oxford University Press.
6. Hannum, Emily, and Hua-Yu Sebastian Cherng. (2017) “Linguistic Capital and Youth Economic Opportunity in China’s Western Minority Areas.” In *Ethnicity and Inequality in China*, edited by Ding Sai, Bjorn Gustafsson, and Reza Hasmath; also to be published in translation in Chinese. Oxford: Routledge.
7. Cherng, Hua-Yu Sebastian, Emily Hannum, and Chunping Lu. (2014) “8: China.” Pp. 205–37 in *The Palgrave Handbook for Race and Ethnic Inequalities in Education*, edited by Peter Stevens and Gary Dworkin. New York: Palgrave Macmillan. (Also available as “Sociological Perspectives on Ethnicity and Education in China: Views from Chinese and English Literatures (ELMM Working Paper),” (<http://repository.upenn.edu/elmm/4/>).
8. Zhang, Yuping and Emily Hannum. (2013). “Marriage, Parenthood and Labor Outcomes in Urban and Rural China.” Pp. 223-248 in *Chinese Social Policy in a Time of Transition*, edited by Douglas Besharov and Karen Baehler. Oxford: Oxford University Press.

9. Hannum, Emily and Meiyang Wang. (2012) “China: A Case Study in Rapid Poverty Reduction”. Pp. 149-2014 in *Indigenous Peoples, Poverty and Development*, edited by Gillette Hall and Harry Patrinos Cambridge: Cambridge University Press. (Full technical report, “Ethnicity, Socioeconomic Status, and Social Welfare in China.” Washington, D.C.: World Bank.)
10. Hannum, Emily, Hyunjoon Park, and Yuko Goto Butler. (2010) “Introduction.” Pp. 1-14 in *Research in Sociology of Education; Globalization, Changing Demographics, and Educational Challenges in East Asia*, edited by Emily Hannum, Hyunjoon Park, and Yuko Goto Butler. Bingley, UK: Emerald.
11. Hannum, Emily, Meiyang Wang, and Jennifer Adams. (2010) “Urban-Rural Disparities in Access to Primary and Secondary Education under Market Reforms.” Pp. 125-146 in *One Country, Two Societies: Rural-Urban Inequality in Contemporary China*, edited by M.K. Whyte. Boston: Harvard University Press.
12. Hannum, Emily and Jennifer Adams. (2008) “Beyond Cost: Rural Perspectives on Barriers to Education.” Pp. 156-171 in *Creating Wealth and Poverty in China*, edited by Deborah Davis and Feng Wang. Stanford, CA: Stanford University Press.
13. Hannum, Emily, Jere Behrman, Meiyang Wang, and Jihong Liu. (2008) “Education in the Reform Era.” Pp. 215-249 in *China’s Great Economic Transformation*, edited by Loren Brandt and Thomas Rawski, Cambridge University Press.
14. Hannum, Emily and Jennifer Adams. (2007) “Girls in Gansu, China.” Pp. 71–98 in *Exclusion, Gender and Education: Case Studies from the Developing World*, edited by Maureen Lewis and Marlaine Lockheed. Washington D.C.: Center for Global Development.
15. Hannum, Emily and Albert Park. (2007) “Academic Achievement and Engagement in Rural China.” Pp. 154-172 in *Education and Reform in China*, edited by Emily Hannum and Albert Park. Oxford: Routledge.
16. Hannum, Emily, Albert Park, and Kai-ming Cheng. (2007) “Introduction: Market Reforms and Educational Opportunity in China.” Pp. 1-44 in *Education and Reform in China*, edited by Emily Hannum and Albert Park. Oxford: Routledge.
17. Hannum, Emily and Bruce Fuller. (2006) “Overview: Children’s Lives and Schooling across Societies.” Pp. 1-13 in *Research in Sociology of Education 15: Children’s Lives and Schooling across Societies*, edited by Emily Hannum and Bruce Fuller. Boston: JAI/Elsevier Science.
18. Hannum, Emily and Bruce Fuller. (2006) “The Contexts of Children’s Lives in Asia: Families, Schools and Communities.” Pp. 163-175 in *Research in Sociology of Education 15: Children’s Lives and Schooling across Societies*, edited by Emily Hannum and Bruce Fuller. Boston: JAI/Elsevier Science.
19. Yu, Shengchao and Emily Hannum. (2006) “Poverty, Health and Schooling in China.” Pp. 53-74 in *Education, Stratification and Social Change in China*, edited by Gerard Postiglione. Armonk, New York: M.E. Sharpe.
20. Hannum, Emily and Jihong Liu. (2005) “Adolescent Transitions to Adulthood in Reform-era China.” Pp. 270-319 in *The Changing Transitions to Adulthood in Developing Countries: Selected Studies*, edited by Cynthia Lloyd, Jere Behrman, Nellie Stromquist, and Barney Cohen. Washington, D.C.: National Academies Press.
21. Fuller, Bruce and Emily Hannum. (2003) “Inequality across Societies.” Pp. 1-6 in *Research in Sociology of Education 14: Inequality across Societies: Families, Schools and Persisting Stratification*, edited by David Baker, Bruce Fuller, Emily Hannum and Regina Werum.
22. Hannum, Emily and Bruce Fuller. (2003) “Commentary: Educational Stratification in Asia.” Pp. 275-284 in *Research in Sociology of Education 14: Inequality across Societies: Families, Schools and Persisting Stratification*, edited by David Baker, Bruce Fuller, Emily Hannum and Regina Werum.
23. Fuller, Bruce, and Emily Hannum. (2002) “Scaffolds for School Achievement? The Cultural and Institutional Sources of Social Capital.” Pp. 1-12 in *Research in Sociology of Education 13: Schooling and Social Capital in Diverse Cultures*, edited by Bruce Fuller and Emily Hannum. Boston: JAI/Elsevier Science.
24. Hannum, Emily and Bruce Fuller. (2002) “Social Resources, Social Institutions and Educational Stratification: Contributions of Cross-Cultural Research.” Pp. 171-180 in *Research in Sociology of Education 13: Schooling and Social Capital in Diverse Cultures*, edited by Bruce Fuller and Emily Hannum. Boston: JAI/Elsevier Science.

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#### EDITED SERIES AND BOOKS

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1. Peggy Kong, Gerard Postiglione, and Emily Hannum. [ed.s]. (Status: contracted manuscript, submitted to Routledge.) *China’s Rural Education in Transition*. Oxford: Routledge.
  2. Hannum, Emily, Hyunjoon Park, and Y.G. Butler. [ed.s]. (2010) *Research in Sociology of Education 17: Globalization, Changing Demographics, and Educational Challenges in East Asia*. Bingley, UK: Emerald.
  3. Fuller, Bruce, Melissa Henne and Emily Hannum. [ed.s]. (2008) *Research in Sociology of Education 16: Strong*
- Emily Hannum, Page 5

*States, Weak Schools: The Dilemmas of Centralized Accountability*. Boston: JAI/Emerald.

4. Hannum, Emily and Albert Park. [ed.s]. (2007) *Education and Reform in China*. Oxford: Routledge.
5. Hannum, Emily and Bruce Fuller. [ed.s]. (2006) *Research in Sociology of Education 15: Children's Lives and Schooling across Societies*. Boston: JAI/Elsevier Science.
6. Baker, David, Bruce Fuller, Emily Hannum and Regina Werum. [ed.s]. (2003) *Research in Sociology of Education 14: Inequality across Societies: Families, Schools and Persisting Stratification*. Boston: JAI/Elsevier Science.
7. Fuller, Bruce and Emily Hannum. [ed.s]. (2002) *Research in Sociology of Education 13: Schooling and Social Capital in Diverse Cultures*. Boston: JAI/Elsevier Science.

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## OTHER PROFESSIONAL DOCUMENTS

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1. Hannum, Emily C., Li-Chung Hu, and Wensong Shen. (2018) "Short- and Long-Term Outcomes of the Left behind in China: Education, Well-Being and Life Opportunities." Background paper prepared for the 2019 Global Education Monitoring Report ED/GEMR/MRT/2018/P1/2. Programme and Meeting Document. Paris: UNESCO. <https://unesdoc.unesco.org/ark:/48223/pf0000266050>
2. Cherng, Hua-Yu Sebastian and Emily Hannum. (2012) "Equity and Exclusion in Education in China." World Bank Report, commissioned by Harry Patrinos.
3. Hannum, Emily. (2010) "Introduction to the English Edition." Front matter, *China Educational Development Yearbook 2009*, edited by Dongping Yang and Chungqing Chai. Beijing: Chinese Academy of Social Sciences and Boston: Brill.
4. Hannum, Emily and Meiyang Wang. (2010) "Ethnicity, Socioeconomic Status and Social Welfare in China." Report for the World Bank Project, *Indigenous Populations, Poverty and Development*.
5. Hannum, Emily. (2007) "Review of State Growth and Social Exclusion in Tibet: Challenges of Recent Economic Growth," by Andrew Martin Fischer (for *Economic Development and Cultural Change*).
6. Hannum, Emily and Peggy Kong. (2007) "Educational Resources and Impediments in Rural Gansu, China." World Bank Working Paper Series on China, Paper No. 2007-3 (May). Washington D.C.: World Bank. <http://documents.worldbank.org/curated/en/2007/05/7863136/china-educational-resources-impediments-rural-gansu-china>
7. Hannum, Emily and Peggy Kong. (2007) "Rural Children's School Persistence." World Bank Policy Note. Washington D.C.: World Bank. (7 pages)
8. Hannum, Emily and Peggy Kong. (2007) "School Finance and Educational Access Barriers in Rural Gansu, China." World Bank Policy Note. Washington D.C.: World Bank. (5 pages)
9. Hannum, Emily and Peggy Kong. (2007) "The Primary Teacher Workforce in Rural China—An Example from Gansu Province." World Bank Policy Note. Washington D.C.: World Bank. (8 pages)
10. Hannum, Emily, Tanja Sargent and Shengchao Yu. (2006) "Poverty, Family Health Problems and Children's Access to Schooling: Case Studies from China, India, and Indonesia." Montreal: UNESCO Institute for Statistics. (42 single-spaced manuscript pages+28 tables.)
11. Zhang, Yuping, Emily Hannum and Meiyang Wang. (2005) "Gender-Based Employment Differences in Urban China: The Contributions of Marriage and Parenthood." International Centre for the Study of East Asian Development Working Paper 2005-25. (Kitakyushu, Japan). (29 double-spaced manuscript pages+6 tables.)
12. Zhang, Yuping, Grace Kao and Emily Hannum. (2004) "Mother's Educational Expectations for Sons and Daughters in Rural China." International Centre for the Study of East Asian Development Working Paper 2004-11 (Kitakyushu, Japan). (35 double-spaced pages, total.)
13. Giles, John, Emily Hannum, Albert Park, and Juwei Zhang. (2003) "Life-Skills, Schooling, and the Labor Market in Urban China: New Insights from Adult Literacy Measurement." International Centre for the Study of East Asian Development Working Paper 2003-21 (Kitakyushu, Japan). (72 double-spaced pages, total.)
14. Hannum, Emily and Claudia Buchmann. (2003) "The Consequences of Global Educational Expansion: Social Science Perspectives." Occasional Paper of the American Academy of Arts and Sciences Project on Universal Basic and Secondary Education. (31 single-spaced pages, total.)
15. Hannum, Emily, Albert Park, John Giles, and Juwei Zhang. (2003). "Human Capital in China's Urban Labor Market: Insights from New Literacy, Numeracy and Life-Skills Measures." *East Asian Economic Perspectives* 14 (3): 57-58 (in Japanese).
16. Hannum, Emily and Albert Park. (2002) "Educating China's Rural Children in the 21st Century." *Harvard China Review* 3 (2): 8-14.

17. Hannum, Emily. (2001) Commentaries on “Poverty and Education in Mexico, 1984-1996,” by Teresa Bracho (pp. 285-288), and “Function and Evaluation of a Compensatory Program Directed at the Poorest Mexican States: Chiapas, Guerrero, Hidalgo, and Oaxaca,” by Carlos Muñoz Izquierdo and Raquel Ahuja Sánchez (p. 374). In *Unequal Schools, Unequal Chances. The Challenges to Educational Opportunity in the Americas at the End of the 20<sup>th</sup> Century*, edited by Fernando Reimers. (Cambridge: Harvard University Press.)
18. Hannum, Emily. (2001) “Investigating Children's Schooling in the Interior: The Gansu Survey of Children and Families.” *China Education Forum* 2 (1), <http://www.hku.hk/chinaed/newsletter/hannum.html>. (7 website pages, total.)
19. Hannum, Emily and Jae-Eun Joo. (2001) “Alleviating Poverty through Education: Potential ICT Applications in Developing Countries.” Paper prepared for the Asian Development Bank Institute Workshop, “Information and Communication Technology and Education: Potential for Partnerships.” (Hong Kong, April 23-27, 2001); summary available in the Asian Development Bank Institute Executive Summary Series No. S41/01: 15, <http://www.adbi.org/PDF/ess/ESS41.pdf>. (23 single-spaced pages, total.)
20. Hannum, Emily. (1998) “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, <http://info.worldbank.org/etools/library/latestversion.asp?48383>). (10 single-spaced pages, total.)
21. Hannum, Emily, and Yu Xie. (1995) “Ethnic and Gender Stratification in an Economic Reform Era: The Case of Xinjiang, China,” *University of Michigan Population Studies Center Research Report No. 95-327*. (30 double-spaced pages, total.)
22. Hannum, Emily, and Yu Xie. (1992) “Gender and Educational Attainment in Modern China: an Analysis of Trends,” *University of Michigan Population Studies Center Research Report No. 92-264*. (32 double-spaced pages, total.)

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#### EXTERNALLY FUNDED PROJECTS

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- “**A Pilot Study of Children and Families in Gansu**” (1998-1999). Spencer Foundation, Principal Investigator with Co-Investigator Yanhong Zhang, UNESCO. (\$35,000)
- “**The Gansu Poverty and Education Project**” (1999-2002). Spencer Foundation, Principal Investigator with Co-Investigator Yanhong Zhang, UNESCO. (\$278,000)
- “**Harvard Conference on Chinese Education Reform**” (2001). Ford Foundation-Beijing and Harvard University Asia Center, Co-organizer with Albert Park, Economics, University of Michigan. (\$45,000 total)
- “**Gansu Survey of Children and Families, Waves 2 and 3: Pilot.**” (2001-2003). NIH 1R01TW005930-01 and 5R01TW005930-02. Development grant from the International Studies in Health and Economic Development Program, Fogarty International Center, National Institutes of Health. Principal Investigator with Co-Principal Investigators Albert Park, Economics, University of Michigan, and Yanhong Zhang, UNESCO. (\$126,000)
- “**Human Capital in China's Urban Labor Market: Insights from New Literacy, Numeracy and Life-Skills Measures.**” (2002-2003) The International Center for the Study of East Asian Development, Kitakyushu, Japan. Principal Investigator, with Co-Investigators Albert Park, Economics, University of Michigan, John Giles, Economics, Michigan State University, Meng Hongwei, China National Institute for Educational Research, and Cai Fang and Zhang Juwei, both of Chinese Academy of Social Sciences. Partial support to develop and analyze a literacy survey (The China Adult Literacy Survey) to augment a five-city survey of urban households and migrants (The China Urban Labor Survey). (¥1,995,220≈\$17,908)
- “**The Interaction of Health, Education and Employment in Western China.**” (2003-2005) Internal grant administered through the World Bank. Consultant, with consultants Albert Park, Economics, Michigan, and Paul Glewwe, Applied Economics, Minnesota and World Bank Principal Investigator Guo Li. Supplemental funding for wave 2 of the Gansu Survey of Children and Families and for inclusion of randomized eyeglass interventions. (Approximately \$271,000).
- “**Are Parental Health Problems a Barrier to Children's Schooling in Developing Countries? Evidence from Indonesia, India, and Rural China.**” (2005) UNESCO Institute for Statistics. Support to work with Tanja Sargent and Shengchao Yu on an exploratory report about whether parental health problems constitute significant barriers to children's school participation in three developing country settings (\$8,000).
- “**The Long-Term Impact of Providing Eyeglasses to Primary School Students: Further Analysis of a Randomized Trial Conducted in China's Gansu Province.**” (2007-2008) Internal grant administered through the World Bank. Consultant, with consultants Albert Park, Economics, Michigan, and Paul Glewwe, Applied Economics, Minnesota

with World Bank Principal Investigator Kin Bing Wu and co-investigator Emmanuel Jimenez. Supplemental funding to continue the eyeglass intervention component of the Gansu Survey of Children and Families. (Approximately \$74,898).

**“The Gansu Survey of Children and Families, Wave 3.”** (2007-2010) Economic and Social Research Council/Department for International Development. PI, with Co-PIs Albert Park, Economics, Michigan, and Paul Glewwe, Applied Economics, Minnesota. Funding to continue the Gansu Survey of Children and Families. (£250,000 total costs).

**“Prenatal Air Pollution Exposure and Infant and Child Development in China”.** National Science Foundation. (@\$318,000) PI. Emily Hannum, with Co-Investigators Jere Behrman, Xiaoying Liu, Xinyin Chen and Jianghong Liu.

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## INTERNAL AND OTHER GRANT SUPPORT

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1998. 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 (\$5,000). Role: PI.
1998. Harvard Graduate School of Education Faculty Research Innovation Fund Grant, awarded for the research project, “Poverty and Children’s Health in China.” (1998-1999). 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 (\$5,000). Role: PI.
1998. Harvard Graduate School of Education Teaching and Curriculum Quality Grant, awarded to incorporate international materials into the course, Seminar on Education and Social Inequality (\$3,000). Role: PI.
1998. 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 (\$3,000). Role: PI.
1999. Harvard Graduate School of Education Faculty Research Innovation Fund Grant, awarded to develop psychological indicators for use among adolescents in rural China (\$5,000). Role: PI.
1999. 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 (\$5,000). Role: PI.
1999. Harvard Graduate School of Education Faculty Research Innovation Fund Grant, awarded to partially fund an Harvard Graduate School of Education doctoral student as an editorial assistant for the volume, Research in Sociology of Education (matching funds provided by Berkeley) (\$5,000). Role: PI.
2000. Harvard Graduate School of Education Technology Award, awarded to organize a team to explore distance learning possibilities for the international development and education program (\$12,000). Role: PI.
2001. “Virtual Seminars on International Education Policy” (2001). Harvard University Provost’s Office, Co-Organizer with JAE-EUN JOO and Suzanne Grant-Lewis, Harvard Graduate School of Education. Support for virtual seminars with education professionals working in developing countries and International Education Policy faculty and graduate students. (\$45,833.)
2004. “Course: Gender and Development in Asia.” Grant for Course Development from the University of Pennsylvania Women’s Studies Program (\$4,000). Role: PI.
2004. “Gender and Labor Outcomes in Urban China.” University of Pennsylvania Research Foundation. Principal Investigator. (\$8,000). Role: PI.
2005. “Fieldwork and a Workshop in Gansu, China.” Faculty Research Travel Grant from the University of Pennsylvania Center for East Asian Studies (\$6,000). Role: PI.
2006. “Disseminating and Extending the Gansu Survey of Children and Families.” (\$29,981) 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: PI.
2006. “Conference: Globalization, Demographic Change, and Educational Challenges in East Asia.” Support from the University of Pennsylvania Research Foundation, Center for East Asian Studies, Sociology Department, and Graduate School of Education (\$16,500, total). Co-Organizer with Hyunjoon Park and Yuko Butler.
- 2009-2011. “Food Insecurity, Nutritional Deprivation, and Child Functioning in Rural China.” \$10,000. 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: PI.
2011. "Asia-Pacific Education, Language Minorities and Migrants (Asia-Pacific ELMM) Project". (approximately \$65,000). University of Pennsylvania Provost's International Initiative. Role: PI.
2013. "Ethnic Disparities in Social Welfare Outcomes Outcomes in China." Penn School of Arts and Sciences Research Opportunity Grant. \$5,000. Role: PI.
2013. "Population Center Partnership." Penn Provost's Global Engagement Fund. \$20,259.84. Role: PI.
2013. "Team1000+ Saving Brains: Economic Impacts of Poverty-Related Risk Factors During the First 1000 Days for Cognitive Development and Human Capital." Grand Challenges Canada (GCC) Project. Role: Researcher. PI: Jere Behrman.
2015. "The State and Ethnic Identity in China." University Research Foundation Grant (\$35,638) and Penn School of Arts and Sciences Research Opportunity Grant (\$4,500). Role: PI
- 2015-2017. "Prenatal Ambient Air Pollution and Fetal and Child Development in South China" Penn-CREF grant. (Up to \$318,681.67, subject to matching rules). Role: Co-PI, with Co-PI Jere Behrman.
- 2017-2018. "Global Perspectives on Childhood Poverty, Family Separation, and Educational Opportunity" Global Engagement Fund. (\$15,041) Role: PI.
- 2017-2019. "Prenatal Air Pollution Exposure and Child Welfare in China." Dean's Integrative Global Inquiries Fund (\$29,096). Role: Co-PI, with Co-PI Jere Behrman.

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### FELLOWSHIPS

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