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Academic Positions

2021 - Associate Professor, Shanghai Jiaotong University, Shanghai, China
2018 - 2020 Research Associate, University of Hamburg & UNESCO Institute for Lifelong Learning, Hamburg, Germany
2018 Policy Analyst, UNESCO Global Education Monitoring Report, Paris, France
2017 Thomas J. Alexander Fellow, OECD Directorate for Education and Skills, Paris, France

Education

2017 Ph.D. in Higher Education, Pennsylvania State University
2012 M.A. in Higher Education, University of British Columbia
2007 M.A. in Economics, Shanghai University of Finance and Economics
2004 B.A. in Management, Zhengzhou Institute of Aeronautical Industry Management

Grants

2019 Open Society Foundation Research Funds
2017 OECD Thomas J. Alexander Grant
2016 American Institutes for Research PIAAC Funds
2016 Pennsylvania State University Writing Group Grant
2016 The University of Chicago Summer School on Socioeconomic Inequality Grant
2015 Pennsylvania State University Roger L. Williams and Karen Magnuson Program Endowment in Higher Education Scholarship
2014 Pennsylvania State University Writing Group Grant

Publications (peer-reviewed journals)

2022 Liu, H., Fernandez, F., and Dutz, G. (2022) "Educational Attainment, Use of Numeracy at Work, and Gender Wage Gaps: Evidence from 12 Middle-Income Countries." *International Journal of Educational Development*, 92, 102625. (SSCI)

2020 Grotlüschen, A., Desjardins, R. and Liu, H. (2020). "Literacy and numeracy: Global and comparative perspectives." *International Review of Education: Journal of Lifelong Learning* 66, 127–137. UNESCO, Paris.

2020 Liu, H. "How Do Affirmative Action Bans Affect the Racial Composition of Postsecondary Students in Public Institution?" *Educational Policy*. (SSCI)

- 2020 **Liu, H.** “Low-numeracy adults, motivational factors in learning, and their employment, education or training status in Germany, the U.S., and South Korea.” *ZDM mathematics education*, 52(3). (SSCI)
- 2020 屈廖健, 刘华聪. 能力测评转向: OECD 学生社会情感能力调查项目研究[J]. 比较教育研究, 2020(7). (CSSCI)
- 2019 Fernandez, F. and **Liu, H.** “Examining Relationships Between Soft Skills and Occupational Outcomes among U.S. Adults With—and Without—University Degrees.” *Journal of Education and Work*.
- 2019 **Liu, H.**, Fernandez, F., and Grotlüschen, A. “Examining self-directedness and its relationships with lifelong learning and earnings in Yunnan, Vietnam, Germany, and the United States.” *International Journal of Educational Development*, 70, 102088. (SSCI)
- 2019 Cooper, R., and **Liu, H.** “Mismatch in human capital accumulation.” *International Economic Review*, 60(3), 1291-1328. (SSCI)
- 2015 **Liu, H.** and Metcalfe, A.S. “Internationalizing Chinese Higher Education: a glonacal analysis of local layers and conditions.” *Higher Education*, 71(3), 399-413. (SSCI)

Commissioned Policy Papers

- 2021 Yano, S., Linne C., Rasera, J. & **Liu, H.** “Counting the cost: achieving literacy in countries of the Global Alliance for Literacy.” UNESCO Institute for Lifelong Learning, Hamburg, Germany.
- 2018 **Liu, H.** “Affordability of Tertiary Education - Indicators and targeting financing polices.” *Commissioned Paper for The Global Education Monitoring Report (GEMR) 2019*, UNESCO, Paris.
- 2018 **Liu, H.** “Education Systems, Education Reforms, and Adult Skills in the PIAAC.” *OECD Education Working Papers*, No. 182, OECD Publishing, Paris, doi:10.1787/19939019.
- 2018 **Liu, H.** and Fernandez, F. (2018). “Examining the Ways that Numeracy Skills and Soft Skills are Related to Occupational Status: The Case of U.S. Workers.” *American Institutes for Research Commissioned Paper*. Washington, DC.

Selected Presentations

- Liu, H. (2020, October).** The evolution of assessment of adult skills and International Organizations’ Collaboration on Monitoring SDG 4.6. *Invited lecture by Guangzhou University*, Guangzhou, China.
- Liu, H. (2020, October & 2019, December).** History, theoretical background, and practices related to surveys of adult skills by the OECD. *Invited seminar by China Association for Science and Technology*, Beijing, China.
- Liu, H.**, Fernandez, F., and Grotlüschen, A. Examining self-directedness and its relationships with lifelong learning and earnings in Yunnan, Vietnam, Germany, and the United States.

- (2019, September). *UNESCO Institute for Lifelong Learning and University of Hamburg Jointed Workshop on Adult Education*, Hamburg, Germany.
- (2019, April) *Comparative and International Education Society CIES 2019 Annual Conference*, San Francisco, US.
- Liu, H.** Education systems, education reforms, and adult skills in the Survey of Adult Skills (PIAAC). (2018, June). *AEDE XXVII Meeting of the Economics of Education Association*, Barcelona, Spain.
- (2018, March). *Comparative and International Education Society CIES 2018 Annual Conference*, Mexico City, Mexico.
- (2018, February). Invited presentation at *Institute for Research in Sociology and Economics of Education, University of Burgundy*, Dijon, France.
- (2017, October). Invited presentation at the *Education Forum of the Directorate for Education and Skills*, OECD, Paris, France.
- Liu, H.** School Inequality in Shanghai's Secondary Education: Evidence from PISA 2009 and 2012. (2018, April). *American Educational Research Association (AERA)*, New York City.
- (2018, March). *Comparative and International Education Society CIES 2018 Annual Conference*, Mexico City, Mexico
- Liu, H.** Affirmative Action Bans and Student-body Composition. (2018, December). Invited presentation at National Chung Cheng University, Taiwan.
- (2017, April). Paper presentation at the annual meeting of the *American Educational Research Association (AERA)*, San Antonio, Texas.
- (2017, March). Paper presentation at the annual meeting of the *Association for Education Finance and Policy (AEFP)*, Washington DC.
- (2016, November). Paper presentation at the annual meeting of the *Association for the Study of Higher Education (ASHE)*, Columbus, Ohio.
- Cooper, R. & **Liu, H.** MisMatch in Human Capital Accumulation. (2016, March). Paper presentation at the workshop on "*Occupations, Skills, and the Labor Market*" at ZEW, Mannheim, Germany.
- Liu, H.** & Zhang, L. Vocational Education and Accumulation of Transferable Skills: Evidence from PIAAC (Survey of Adult Skills). (2016, March). Paper presentation at the workshop on "*Occupations, Skills, and the Labor Market*" at ZEW, Mannheim, Germany.
- (2015, November). Paper presentation at the annual meeting of the *Association for the Study of Higher Education (ASHE)*, Denver, Colorado.

Zhang, L. & Liu, H. Exploring the Relationship Between Educational Attainment and Adult Skills Among Young Adults: A Comparative Study Among OECD Countries. (2015, April). Paper presentation at the annual meeting of the *American Educational Research Association (AERA)*, Chicago, Illinois.

Liu, H. & Metcalfe, A. S. Internationalizing Chinese Higher Education Institutions: “*Jie Gui*” and Global/Local Interpretations of Internationalization. (2014, November). Paper presented at the annual meeting of the *Association for the Study of Higher Education (ASHE)*, Washington, DC.

Academic Service

Reviewer of Peer-reviewed Journals:

Higher Education (2014-)
Adult Education Quarterly (2018-)
International Review of Education (2020-)
Sage Open (2021)

Special Issue Editor for International Review of Education, Special Issue on literacy and numeracy: Global and comparative perspectives (2020)

Service in Expert Committee:

Member of committee on China’s civic scientific literacy indicator for the 14th Five-year Plan (2019-2020)

Professional Membership

American Educational Research Association (AERA)
Economics of Education Association (AEDE)
Comparative and International Education Society (CIES)
European Conference on Educational Research (ECER)
Global Labor Organization (GLO)