

PRASHANT LOYALKA

Center Research Fellow, Freeman Spogli Institute, Stanford University
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Current Position

Center Research Fellow, Freeman Spogli Institute, Stanford University (2012-present)
Assistant Professor (Research), Graduate School of Education, Stanford University (2015-present)

Past Positions

Assistant Professor, Peking University (2007-2012)

Affiliate Positions

Faculty, Rural Education Action Program (at Stanford) (2012-present)
Affiliated Faculty, CEPA, SCID (at Stanford) (2012-present)
Visiting Senior Researcher, National University Higher School of Economics (2011-present)
Visiting Professor (HuangHe Award), Henan University (2014-present)

Education

PhD.-International Comparative Education, Stanford University (2009)
M.A.-Economics, Stanford University (2008)
B.A.-Economics, Stanford University (1997)

Refereed Publications

Zhou, C.C., Sylvia, S., Zhang, L.X., Luo, R.F., Yi, H.M., Liu, C.F., Shi, Y.J., Loyalka, P., Chu, J., Medina, A. and Rozelle, S. (2015). "China's Left-Behind Children: Impact of Parental Migration on Health, Nutrition, And Educational Outcomes." *Health Affairs* 34(11): 1964-1971.

Johnston, J., Loyalka, P., Chu, J., Song, Y.Q., Yi, H.M., Huang, X.T. (2016). "The Impact of Vocational Teachers on Student Learning in Developing Countries: Does Enterprise Experience Matter?" *Comparative Education Review*.

Loyalka, P., Huang, X.T., Zhang, L.X., Wei, J.G., Yi, H.M., Song, Y.Q., Yao, S.J., Chu, J. (2015). "The Impact of Vocational Schooling on Human Capital Development in Developing Countries: Evidence from China." *World Bank Economic Review*.

Chu, J., Loyalka, P., Chu, J., Qu, Q.H., Shi, Y.J., Li, G., Rozelle, S. (2015). "Which Teacher Credentials Matter in China?" *China Economic Review*.

Loyalka, P., Chu, J., Wei, J., Johnson, N., Reniker, J., Rozelle, S. (2015). "Mapping Inequality in the Pathway to College in China: What Happens after Junior High School?" *China Quarterly*. *Conditionally accepted*.

Yi, H.M., Song, Y.Q., Liu C.F., Huang, X.T., Zhang, L.X., Yao, S.J, Bai, Y.L., Yang, C., Wang, H., Loyalka, P., Chu, J., Rozelle, S. (2015). "Giving Kids a Head Start: The Impact of Early Commitment of Financial Aid on Poor Junior High School Students in Rural China" *Journal of Development Economics*, 113(3): 1-15.

- Loyalka, P., Wei, J.G., Song, Y.Q., Zhong, W.P., Chu, J. (2015). "The Impacts of Building Elite High Schools for Students from Disadvantaged Areas." *Economic Development and Cultural Change*, 63(2): 393-422.
- Yao, J., Yi, H.M., Zhang, L.X., Shi, Y.J., Chu, J., Loyalka, P., Rozelle, S. (2014). "Exploring Dropout Rates and Causes of Dropout in Upper-Secondary Vocational Schools in China." *International Journal of Educational Development*.
- Loyalka, P., Liu, L., Chen, G., Zheng X.Y. (2014). "The Cost of Disability in China." *Demography*, 51(1): 97-118.
- Johnson, N., Shi, Y.J., Yang, C., Zhang, L.X., Yi H.M., Liu, C.F., Chu, J., Loyalka, P., Rozelle, S. (2014). "Dropout in Rural China's Secondary Schools: A Mixed-Methods Analysis." *China Quarterly*.
- Loyalka, P., Carnoy, M., Froumin, I., Dossani, R., Tilak, J.B., Dobryakova, M. (2014). "Factors Affecting the Quality of Engineering Education in the Four Largest Emerging Economies." *Higher Education* 68(6): 977-1004.
- Zakharov, A., Carnoy, M., Loyalka, P. (2014). "Which Teaching Practices Improve Student Performance on High-Stakes Exams? Evidence from Russia." *International Journal of Educational Development*, 36, 13-21.
- Carnoy, M., I. Froumin, Loyalka, P., Jandhyala B. G. Tilak (2014). "The Concept of Public Goods, the State, and Higher Education Finance: A View from the BRICS." *Higher Education*, 68(3): 1-20
- Li, H.B., Loyalka, P., Rozelle, S., Wu B.Z., Xie, J.Y. (2014). "Unequal Access to College in China: How Far have Poor, Rural Students been Left Behind?" *China Quarterly*.
- Wang, X.B., Liu, C.F., Zhang, L.X., Luo R.F., Rozelle, S., Loyalka, P. (2014). Response to "Reassessing Disparity in Access to Higher Education in Contemporary China." *China Quarterly*, 220: 1131-1135.
- Loyalka, P., Liu C.F., Song, Y.Q., Yi, H.M., Huang, X.T., Wei, J.G., Zhang, L.X., Yao, S.J, Chu, J., Rozelle, S. (2013). "Can Information and Counseling Help Students from Poor, Rural Areas Go to High School? Evidence from China." *Journal of Comparative Economics*, 41(4): 1012-1025.
- Carnoy, M., Loyalka, P., Froumin, I. (2013). University Expansion in the BRIC Countries and the Global Information Economy. *Change: The Magazine of Higher Learning*.
- Loyalka, P., Song, Y.Q., Wei, J.G, Zhong, W.P., Rozelle, S. (2013). "Financial Aid, College Decisions, and Information: Evidence from a Cluster-RCT in China." *Economics of Education Review* 36: 26–40.
- Chen, X.X., Yao, S., Yi, H.M., Zhang, L.X., Mo, D., Chu, J., Loyalka, P., Rozelle, S. (2013). The Impact of a Senior High School Tuition Relief Program on Poor Junior High School Students in Rural China." *China World and Economy*.
- Yi, H.M., Zhang, L.X., Liu, C.F., Yue, A., Yang, C., Chu, J., Loyalka, P., Maani, M., Wei, J.G. (2013). "A Report Card: How Are Secondary Vocational Schools in China Measuring Up to Government Benchmarks?" *China World and Economy*.

Loyalka, P., Wei, J.G., Song, Y.Q. (2012). "Is Aid Reaching Poor Students? The Distribution of Student Financial Aid across China's Higher Education System." *China Economic Review*, 23(4): 898–917.

Loyalka, P., Song, Y.Q., J.G. Wei. (2012). "The Effects of Attending Selective College Tiers in China." *Social Science Research*, 41: 287–305.

Liu C.F., Zhang, L.X., Rozelle, S., Loyalka, P. (2010). "The Effect of Primary School Mergers on Academic Performance of Students in Rural China." *International Journal of Educational Development*, 30(6): 570-585.

Submitted to Refereed Journals

Wang, H., Chu, J., Loyalka, P., Xin, T., Shi, Y.J., Qu, Q.H., Yang, C., Rozelle, S. (2015). "Can School Counseling Reduce School Dropout in Developing Countries?" *Revise and Resubmit: Journal of Policy Analysis and Management*.

Carnoy, M., Khavenson, T., Loyalka, P., Schmidt, W., Zakharov, A. (2015). "Revisiting the Relationship between International Assessment Outcomes and Educational Production: Evidence from a Longitudinal PISA-TIMSS Sample." *Resubmitted: American Education Research Journal*.

Khor, N., Pang, L., Chang, F., Mo, D., Loyalka, P., Rozelle, S. (2015). "China's Looming Human Capital Crisis: Upper Secondary Educational Attainment Rates and the Middle Income Trap." *Revise and Resubmit: China Quarterly*

Loyalka, P. and Zakharov, A. (2015). "Does Shadow Education Help Students Prepare for College? Evidence from Russia." *Revise and Resubmit: International Journal of Educational Development*.

Loyalka, P., Shi, H., Chu, J., Johnson, N., Wei, J.G. (2015). "Is the High School Admissions Process in Developing Countries Fair? Evidence from China."

Loyalka, P., Q., Yue, Sylvia, S., Maani, M. (2015). "Absolute versus Comparative Advantage: Consequences for Gender Gaps in STEM and College Access in Emerging Economies."

Li, G.R., Li, L.Y., Shi, H., Johnson, N., Yi, H.M., Chu, J., Kardanova, E., Loyalka, P., Rozelle, S. (2015) "Do Resources Matter? The Impacts of Attending Elite Vocational Schools on Student Outcomes in China."

Li et al. (2015). "The Long-Term Impacts of Conditional Cash Transfers on High School Matriculation in China."

Loyalka, P., Sylvia, S., Liu, C.F., Chu, J., Shi, Y.J. (2015). "Pay by Design: Teacher Performance Pay Design and the Distribution of Student Achievement."

Kardanova, E., Loyalka, P., Chirikov, I., Liu, L., Li, G., Enchikova, E., Shi, H., Johnson, N., Wang, H., (2015) "Developing Instruments to Assess and Compare the Quality of Engineering Education: the Case of China and Russia."

Books and Reports

Carnoy, M., Loyalka, P., Dobryakova, M., Dossani, R., Froumin, I., Kuhns, K., Tilak, J. & Wang, R. (2013). *University Expansion in a Changing Global Economy: Triumph of the BRICs?* Palo Alto, CA: Stanford University Press.

Carnoy M., T. Beteille, I. Brodziak, P. Loyalka, and T. Luschei (2009). “Do Countries Paying Teachers Higher Relative Salaries Have Higher Student Mathematics Achievement?” Teacher Education and Development Study in Mathematics (TEDS-M). Report for the International Association for the Evaluation of Educational Achievement (IEA).

On-going Research

Higher Education

Loyalka, P., Shi, H., Johnson, N., Kardonova, E., Li, G., Wang, H. (2015) “Professors, Research, and Student Learning.” Mimeo.

“Test Incentives and Achievement: Implications for Comparative Assessments in Higher Education” (with Lydia Liu, Henry Shi, Natalie Johnson, Elena Kardonova)

Loyalka, P., Kardonova, E., Liu, L., Li, G., Wang, H., Johnson, N., Shi, H. (2015) Assessing Skill Levels and Gains in Engineering Programs across the US, China, and Russia, Mimeo..

“Do Poor, Rural Students Make Inefficient College & Major Choices? Evidence from China” (with Xiaoyang Ye and Binzhen Wu)

“The Impact of College Admissions Rules on Poor and Low-Achieving Students’ Access to College and Elite Colleges”

“The Role of Uncertain Choices in Inequality in College Admissions”

“The Costs and Benefits of Retaking Competitive Entrance Exams: Evidence from China.”

High Schools

“The Sources of the Failure of Vocational High Schools in China: A Mixed Methods Analysis”

“The Impacts of Introducing Accountability: Evidence from a Randomized Field Trial in Vocational Schools in China”

“Can Text-Messaging Students and Parents with Advice/Encouragement Increase Student Achievement on High-Stakes Exams?”

“Subjective Expectations and Dropout in Vocational Schools: Evidence from China”

“Assessing the Quality of Vocational Schooling: Further evidence from China”

Teachers

“The Impacts of Teacher Pro-social and Intrinsic Motivation on Student Achievement: Evidence from China” (with Sean Sylvia, Katherine Loosley, James Chu, Mengyao, and Scott Rozelle)

“Teacher Discrimination” (with James Chu and Huan Wang)

“Teacher Expectations, Math, and Gender” (with Tongtong and Natalie Johnson)

“Teachers, Multitasking, and Student Learning”

“The Distributional Preferences of Teachers and Student Achievement” (with Sean Sylvia, Chengfang Liu, Yaojiang Shi, James Chu, Scott Rozelle)

Disadvantaged Students (Students with Disabilities, Minorities, Females and STEM)

“The Impacts of Stakes and Stereotype Threat on Minority Student Achievement.” (with Mo Di, Sean Sylvia, Yaojiang Shi, Linxiu Zhang, Scott Rozelle)

“Identifying the Big Fish Little Pond Effect: New Cross-National Evidence for Males and Females in STEM Subjects” (with Yulia Kuzmina and Andrey Zakharov)

“Whose Opinion Matters Most? Experimental Evidence on Gender Stereotype Threats by Social Relations” (with Adi Greif and Natalie Johnson)

Research Projects

Principal Investigator “Piloting a Certification System for Vocational Schools in China.” (Funded by the *Electronics Industry Citizenship Coalition*. ~\$226,000)

Principal Investigator “Assessing and Improving the Quality of Higher Education: An International Comparative Study” with ETS, Tsinghua University, National University Higher School of Economics (funded by Eric Li and the HSE. ~\$400,000)

Principal Investigator “Differences in K-12 Education in China and the US”

Researcher “Worker Exit from Firms in China.” With Joshua Cohen, Joel Podolny, Ellen Eisen at Apple University.

Principal Investigator “Evaluating the National Teacher Training Policy in China.” (*Funded by 3ie, Ford Foundation, Xu Family Charitable Foundation, GDP (Stanford)*. ~\$730,000)

Principal Investigator “Understanding Learning Trajectories in Developing Countries: Using IRT-scaled Tests for Grades 3-9 in China”

Principal Investigator. “Designs for Teacher Incentives.” (*Funded by 3ie, Ford Foundation, Xu Family Charitable Foundation and REAP*. ~\$780,000)

Principal Investigator. “Tools to Improve Internships in China: Developing an Assessment Toolkit to Evaluate Vocational High Schools in Henan.” (*Funded by Apple Inc. and Dell Inc.* ~\$430,000)

Principal Investigator (CIEFR), “Investment in Vocational vs. General Schooling: Evaluating China’s Expansion of Vocational Education and Laying the Foundation for Further Vocational Education Evaluation,” with Stanford, Oxford, Chinese Academy of Sciences (October 2010-2013). (*Funded by 3ie, ~\$850,000*)

Principal Investigator, “Can Special Magnet High Schools for China’s Poorest Equalize College-Going Opportunities? An Extensive Evaluation of Ningxia’s Key Magnet High School Project” with Y.Q. Song and J.G. Wei (June 2009—May 2011). (*Funded by the Ningxia Provincial Government*)

Principal Investigator (for China), “The Impacts of Rapid Higher Education Expansion in the World’s Largest Developing Economies,” with Martin Carnoy, Rafiq Dossani, Isak Froumin, Jandhyala Tilak, Maria Dobryakova (July 2007-Sept. 2011). (*Funded by CIEFR*)

Researcher, “Estimating the Effects of Information on Student Education and Work Choices: Evidence from Two Cluster-RCTs,” with Y.Q. Song and J.G. Wei (2008-2009). (*Funded by CIEFR*)

Conference Papers/Presentations (incomplete list)

“Impact of VET on Human Capital Development in China.” 3ie-ADB-PID Making Impact Evaluation Matter Conference 2014, Manila, Sept. 2014. Awarded “Best Presentation of the Conference”.

“Gender Choices and STEM in Emerging Economies.” AEFP 2014, San Antonio

“Impact of Vocational Teachers on Student Achievement.” CIES 2014, Toronto

“Impact of VET on Human Capital Development in China.” SREE 2014, Washington D.C.

“Student Workers in China.” EICC, San Francisco, 2013.

“Can Information and Counseling Help Students from Poor, Rural Areas Go to High School? Evidence from China.” Society for Research on Educational Effectiveness (SREE) Spring Conference. Washington D.C., March 7-9, 2013.

“Higher Education and the Role of the State in the BRIC Nations.” Association for the Study of Higher Education (ASHE) Annual Conference. Charlotte, NC, Nov. 17-19, 2011.

“The Impacts of Building Key Magnet High Schools for China’s Disadvantaged Students: Evidence from a Short-Interrupted Time-Series Design with Multiple Comparison Groups.” Minding the Gap: 3ie Impact Evaluation Conference. Cuernavaca, Mexico, June 15-17, 2011.

“The Expansion and Quality of Engineering Education in China.” Comparative International Education Society (CIES) Annual Meeting, Montreal, May 1-5, 2011.

“Is Aid Reaching Poor Students? The Distribution of Student Financial Aid across China’s Higher Education System.” Association for Education Finance and Policy Annual Meeting. Seattle, March 24-26, 2011.

“Financial aid, college choices, and information: evidence from a cluster-RCT in China.” Panel on Education RCTs in China. American Economic Association’s Annual Meeting. Colorado, January 7-9,

2011.

“The Extra Costs of Disability in China.” 4th Forum for the Development of Work on Disability in China. Beijing, China, December 1-2, 2010.

Occasional Reviewer

China Economic Review, Comparative Education Review, Economic Development and Cultural Change, Economics of Education Review, Educational Evaluation and Policy Analysis, Education Finance and Policy, Educational Researcher, International Journal of Educational Development, Journal of Development Economics, Journal of Development Studies, PLOS-ONE, Sociology of Education, Sociological Quarterly, Social Science Research, Studies in Higher Education, World Development

Consulting

Mongolia Department of Education (2012-2013). Higher Education Reform and Planning.

ADB (June 2012 – September 2012). Labor Market and Skills Analysis related to developing Technical and Vocational Education in Hunan, China.

OECD (November 2011 – February 2012). Preparing a report on gender and education inequality in China, with a focus on gender and STEM education.

World Bank (December 2011 – March 2012). Comparing Engineering Education across the BRICs. Short-Term Consultant. Comparative summary on engineering education quality for the government of India.

World Bank (October 2010 – February 2011). South-South Study Visit on Skills and Vocational Education and Training in China and India. Short-Term Consultant. Wrote an internal report on TVET development and best-practices in selected regions of India and China.

Other Honors and Awards

- Freeman Spogli Institute Chinese Dissertation Fellowship (2007-2008)
- Foreign Language and Area Studies Fellowship, Chinese (2006-2007)
- Alice F. Moore Memorial Fellowship (2004-2005)

Other Affiliations

3ie Expert Roster, Member

Teaching, Moscow School of Higher Economics

Research Inquiry and Design in Education (Winter 2012)

Graduate course on descriptive studies, experimental and quasi experimental research design.

Other Professional History (US, China, Russia)

Stanford University, Freeman Spogli Institute, Stanford, CA USA
(Sept. 1, 2012 – onwards)

Center Research Fellow

Conduct descriptive and action-based, policy-relevant research on the equity/quality of China’s education system. Focus on the educational opportunities/experiences of youth (students entering junior high, high school, and college). Place special focus on improving the

opportunities/experiences of disadvantaged youth including poor, rural, female, minority students, and people with disabilities.

**Peking University, China Institute for Educational Finance Research, Beijing, China
(Nov. 2007—July 2012)**

Assistant Professor

Conducted policy-relevant research on issues related to the Chinese education system. Research focused on improving educational opportunities/experiences of youth (higher, general and vocational high, junior high education). Special focus on issues of education and social inequality for various disadvantaged groups including rural, poor, female, minority students and people with disabilities. Designed and executed randomized experiments and quasi-experiments, designed and coordinated large surveys, analyzed survey/admin data, wrote/published research papers, produced policy briefs for China's MOE and MOF. Interacted with and gave presentations to fellow researchers in China, central government officials from the Ministries of Education and Finance, local (provincial and county) officials, school leaders, foundations and NGOs, teachers, and students (all in Chinese).

**Moscow Higher School of Economics, International Center for Education Policy Analysis,
Moscow, Russia**

(Sept. 2011—present)

Senior Visiting Researcher

Conduct policy-relevant, comparative, and quantitative research on issues related to the Russian education system, with a particular focus on high school and college education.

Xi'an Carmel Information Consulting Co., Ltd., Xi'an, China (Aug. 2002-July 2004)

General Manager/Consultant

Managed the start-up and operation of Carmel Consulting, a Sino-American joint-venture that provides a range of business and image consulting services. Formed partnerships; managed employees, oversaw finances/budget, marketing; met clients, managed projects, conducted trainings, supervised translation business.

Amaranten (ASIA) Network Solutions Co., Xi'an, China (April 2001-Aug. 2002)

Vice General Manager

Oversaw administrative operations for Amaranten ASIA, a joint-venture company that develops and markets firewalls and sells broadband wireless products. Managed administrative staff, HR (hiring, evaluation, training, etc.); organized work flows between sales, technical, and administrative departments; organized marketing and advertising efforts; organized sales strategy meetings; oversaw budget and tracked sales.

AsiaStar Software International Co., Ltd., Xi'an, China (Nov. 2000-Mar. 2001)

Chief Advisor to the General Manager

Created and promoted an "international" corporate culture in a Chinese-owned software company to improve employees' ability to offer first-rate services to American clients. Conducted trainings including team-building, software engineering principles, CMM quality standards, and communication skills for programmers; delivered presentations to key American clients.

Southwestern Bell Communications, San Ramon, California (April 1997-Dec. 1997)

Product Economics Specialist (Broadband Services Marketing Department)

Forecasted volumes and analyzed revenues for three billion dollar product line.

Part-time lecturer and teacher, Xi'an, China (1998-2004)

Taught English to students from virtually every educational level: kindergarten, primary, middle secondary, upper-secondary, university, and professional.

Tennis Player/Instructor

Participated in tournaments and received world-class training for nearly eight years. NTRP of 6.0.

Languages

English (native)

Mandarin (fluent)

Hindi (conversational)

Citizenship

United States