

Sean Y. Sylvia
Associate Professor
Curriculum Vita

CONTACT INFORMATION

Department of Health Policy and Management
Gillings School of Global Public Health
University of North Carolina at Chapel Hill
1101-D McGavran-Greenberg Bldg., CB 7411
Chapel Hill, NC 27599-3210

Phone: +1 (919) 445-0886
Email: sean.sylvia@unc.edu
Personal Website: <https://ssylvia.io>

Carolina Population Center
Room 2150, 123 W Franklin St
Chapel Hill, NC 27516

Cecil G. Sheps Center for Health Services Research
725 M.L.K. Jr Blvd
Chapel Hill, NC 27516

EDUCATION

- 2014 Ph.D., Agricultural and Resource Economics (Development Economics), University of Maryland
2012 M.S., Agricultural and Resource Economics, University of Maryland
2006 B.A., Economics and International Studies, University of Alabama

PROFESSIONAL EXPERIENCE

- 2023- Associate Professor, Department of Health Policy and Management, University of North Carolina at Chapel Hill
2023- Faculty Fellow, Cecil G. Sheps Center for Health Services Research
2021- Faculty Fellow, Frank Porter Graham Child Development Institute
2019- Faculty Fellow, Carolina Population Center
2017-23 Assistant Professor, Department of Health Policy and Management, University of North Carolina at Chapel Hill
2014-17 Assistant Professor, School of Economics, Renmin University of China
2010-12 Short-term Consultant, Development Economics Research Group, World Bank

AWARDS & SCHOLARSHIPS

- 2018 Rising Scholar Best Paper Award, China Health Policy and Management Society
2007 Fulbright Fellowship, U.S. Student Program, China
2006 Phi Beta Kappa
2006 Undergraduate Research Award, University of Alabama
2006 Murray Haven Award in Economics, University of Alabama

PEER-REVIEWED ARTICLES

*denotes student or mentee.

- Templin, T., Perez, M. W., **Sylvia, S.**, Leek, J., & Sinnott-Armstrong, N. (2024). Addressing 6 challenges in generative AI for digital health: A scoping review. *PLOS Digital Health*, 3(5), e0000503. <https://doi.org/10.1371/journal.pdig.0000503>
- Marley, G., Dako-Gyeke, P., Nepal, P., Rajgopal, R., Koko, E., Chen, E., Nuamah, K., Osei, K., Hofkirchner, H., Marks, M., Tucker, J. D., Eggo, R., Ampofo, W., & **Sylvia, S.** (2024). Collective Intelligence-based Participatory COVID-19 Surveillance: A Pilot Feasibility Study in Accra. *JMIR Infodemiology*, in press.
- Cheng, T., **Sylvia S.**, Yip W, 2024. "Innovative approaches of measuring care quality in China's market for telemedicine." *The Lancet Regional Health - Western Pacific*; 46:101070. <https://doi.org/10.1016/j.lanwpc.2024.101070>
- Wu Y., Liang Y., Cai Z., Li L., Sun C., **Sylvia S.**, Zhou H., Feng J., Rozelle S, 2024. "Process quality, diagnosis quality, and patient satisfaction of primary care in Rural Western China: A study using standardized patients." *Patient Education and Counseling*; 123:108208. <https://doi.org/10.1016/j.pec.2024.108208>

5. Wang L., Song C., Xian Y., **Sylvia S.**, Rozelle S., 2024. "Willingness-to-pay for early childhood development: A field experiment in Western China." *China Economic Review*; 85:102146. <https://doi.org/10.1016/j.chieco.2024.102146>
6. Zhang S., Wang L., Luo R., Rozelle S., **Sylvia S.**, 2024. "The medium-term impact of a micronutrient powder intervention on anemia among young children in Rural China." *BMC Public Health*; 24(1):1-14. <https://doi.org/10.1186/s12889-024-17895-2>
7. Si Y., Xue H., Liao H., Xie Y., Xu D., Smith M.K., Yip W., Cheng W., Tian J., Tang W., **Sylvia S.** 2023. "The quality of telemedicine consultations for sexually transmitted infections in China." *Health Policy and Planning*: czad119. <https://doi.org/10.1093/heapol/czad119>
8. Ma, Y., **Sylvia, S.**, Friesen, D., Overbey, K., Medina, A., Rozelle, S., 2023. The Saliency of Information: Evidence from a Health Information Campaign in Rural China. *Economic Development and Cultural Change*. <https://doi.org/10.1086/720005>
9. Liu L, Wu Y, Xian X, Feng J., Mao Y., Balakrishnan S., Weber A., Darmstadt G., Chen Y.*, **Sylvia, S.**, Zhou H., Rozelle S., 2023. "In-Hospital Formula Feeding Hindered Exclusive Breastfeeding: Breastfeeding Self-Efficacy as a Mediating Factor." *Nutrients*: 15(24):5074. <https://doi.org/10.3390/nu15245074>
10. Marley, G., Tan, R. K. J., Wang, T., Li, C., Byrne, M. E., Wu, D., Wang, C., Tang, W., Ramaswamy, R., Luo, D., **Sylvia, S.**, & Tucker, J. D., 2023. "Online Focus Group Discussions to Engage Stigmatized Populations in Qualitative Health Research: Lessons Learned," *International Journal of Qualitative Methods*. In-press.
11. Wang, L., Y. Qian, N. Warrinnier, O. Attanasio, S. Rozelle, **S. Sylvia**, 2023. "Parental Investment, School Choice, and the Persistent Benefits of Intervention in Early Childhood," *Journal of Development Economics*, In-press.
12. Marley, G., X. Zou, J. Nie, W. Cheng, Y. Xie, H. Liao, Y. Wang, Y. Tao, J.D. Tucker, S. **Sylvia**, R. Cho, D. Wu, J. Ong, W. Tang, 2023. "Improving cascade outcomes for active TB: A global systematic review and meta-analysis of TB interventions." *PLOS Medicine* 20, e1004091. <https://doi.org/10.1371/journal.pmed.1004091>
13. Chen, Y.*, Y. Wu, S.E. Dill, Y. Guo, C.M. Westgard, A. Medina, A.M. Weber, G.L. Darmstadt, H. Zhou, S. Rozelle, **S. Sylvia**, 2023. "Effect of the mHealth-supported Healthy Future Programme delivered by community health workers on maternal and child health in rural China: Study protocol for a cluster randomised controlled trial," *BMJ Open*. 13(1):e065403. doi: 10.1136/bmjopen-2022-065403.
14. Du, Y.*, Zhou, Q., Cheng, W.*, Zhang, Z.*, Hoelzer, S.*, Liang, Y., Xue, H., Ma, X., **Sylvia, S.**, Tian, J., Tang, W., 2022. Factors Influencing Adoption and Use of Telemedicine Services in Rural Areas of China: Mixed Methods Study. *JMIR Public Health and Surveillance* 8, e40771. <https://doi.org/10.2196/40771>
15. Chen, Y.*, **S. Sylvia**, S.E. Dill, S. Rozelle, 2022. "Structural Determinants of Child Health in Rural China: Challenge of Creating Health Equity," *International Journal of Environmental Research and Public Health*. In-press.
16. Cheng, W., Z. Zhang*, S. Hoelzer, W*. Tang, Y. Liang, Y. Du, H. Xue, Q. Zhou, W. Yip, X. Ma, J Tian, **S. Sylvia**, 2022. "Evaluation of a Village-based Digital Health Kiosks Program: a Protocol for a Cluster Randomized Clinical Trial," *Digital Health*. 8. doi:10.1177/20552076221129100
17. Wu, Y., R. Ye, Q. Wang, C. Sun, S. Meng, **S. Sylvia**, H. Zhou, D. Friesen, S. Rozelle, 2022. "Provider competence in hypertension management and challenges of the rural primary healthcare system in Sichuan province, China: a study based on standardized clinical vignettes," *BMC Health Services Research*. 2022;22(1):849. doi:10.1186/s12913-022-08179-9
18. Meng, S., Wang, Q., Wu, Y., Xue, H., Li, L., Ye, R., Chen, Y., Pappas, L., Akhtar, M., Dill, S.-E., **Sylvia, S.**, Zhou, H., Rozelle, S., 2022. "The know-do gap in quality of health for chronic non-communicable diseases in rural China," *Frontiers in Public Health*. 10.
19. Wang, Q., S. Adhikari SP, Y. Wu, T. Sunil, Y. Mao, R. Ye, C. Sun, Y. Shi, C. Zhou, **S. Sylvia**, S. Rozelle, H. Zhou, 2022. "Consultation length, process quality and diagnosis quality of primary care in rural China: A cross-sectional standardized patient study," *Patient Education and Counseling*. 105(4):902-908. doi:10.1016/j.pec.2021.08.006
20. Jiang, Q., X. She, S.E. Dill, **S. Sylvia**, M. Singh, H Wang, M. Boswell, S. Rozelle, 2022. "Depressive and Anxiety Symptoms among Children and Adolescents in Rural China: A Large-Scale Epidemiological Study." *International Journal of Environmental Research and Public Health*. 19(9):5026. doi:10.3390/ijerph19095026
21. Chen, Y.*, **S. Sylvia**, P. Wu, and H. Yi, 2022. "Explaining the Declining Utilization of Village Clinics in Rural China over Time: a Decomposition Approach," *Social Science & Medicine*. 301: 114978. doi:10.1016/j.socscimed.2022.114978
22. Tan, R., D. Wu, S. Day, Y. Zhao, H. Larson, **S. Sylvia**, W. Tang, and J. Tucker, 2022. "Digital Approaches to Enhancing Community Engagement in Clinical Trials," *npj Digital Medicine*. 5(1):37. doi:10.1038/s41746-022-00581-1.

23. **Sylvia, S.**, X. Ma, Y. Shi, and S. Rozelle, 2022. "Ordeal Mechanisms, Information, and the Cost-effectiveness of Strategies to Provide Subsidized Eyeglasses," *Journal of Health Economics*. 82: 102594. doi:10.1016/j.jhealeco.2022.102594
24. Durosinmi-Etti, O.,* B. Fried, K. Dube, S. Greene, **S. Sylvia**, and A. Ikpeazu, 2022. "Sustainability of Funding for HIV Treatment Services: A Cross-Sectional Survey of Willingness of Patients to Pay for Treatment Services in Nigeria," *Global Health: Science and Practice*. 10(2):e2100550. doi:10.9745/GHSP-D-21-00550
25. Emmers, D., J.C. Caro, S. Rozelle, and **S. Sylvia**, 2022. "Early Parenting Interventions to Foster Human Capital in Developing Countries" *AR Resource Economics*. 14(1). doi:10.1146/annurev-resource-111220-010215
26. Domino, M., **S. Sylvia**, and S. Green, 2022. "Nudging Primary Care Providers into Expanding the Labor Force for Opioid Use Disorder: A Statewide Experiment," *Health Services Research*. 57 (2): 403-410. <http://doi.org/10.1111/hesr.13894>
27. Zhou, Y., Y. Lu, Y. Ni, D. Wu, X. He, J. Ong, J. Tucker, **S. Sylvia**, F. Jing, X. Li, S. Huang, G. Shen, C. Xu, Y. Xiong, Y. Sha, M. Cheng, J. Xu, W. Dai, L. Huang, F. Zou, C. Wang, B. Yang, W. Mei, and W. Tang, 2022. "Monetary Incentives and Peer Referral in Promoting Digital Network-Based Secondary Distribution of HIV Self-Testing among Men Who Have Sex with Men in China: A Three-arm Randomized Controlled Trial," *PLOS Medicine*. 19 (2): e1003928. doi:10.1371/journal.pmed.1003928
28. Liu H., H. Li, D. Teuwen, **S. Sylvia**, H. Shi, S. Rozelle, and H. Yi, 2022. "Irrational use of medicine in the treatment of presumptive asthma among rural primary care providers in southwestern China," *Frontiers in Pharmacology*. 13:767917. doi: 10.3389/fphar.2022.767917
29. Jiang, Q., **S. Sylvia**, S.E. Dill, E. Wang, M. Singh, X. She, A. Medina, S. Rozelle, 2022. "Parenting Centers and Caregiver Mental Health: Evidence from a Large-scale Randomized Controlled Trial in China," *Child Development*. 93, 1559– 1573. doi:10.1111/cdev.13782
30. Wang, H., S.-E. Dill, H. Zhou, Y. Ma, H. Xue, P. Loyalka, **S. Sylvia**, M. Boswell, J. Lin, and S. Rozelle. 2022. Off the Epicentre: COVID-19 Quarantine Controls and Employment, Education, and Health Impacts in Rural China. *China Quarterly*. 249, 183-209. doi:10.1017/S0305741021000989
31. **Sylvia, S.**, R. Luo, J. Zhong, S. Dill, A. Medina, and S. Rozelle, 2021. "Passive versus active service delivery: Comparing the effects of two parenting interventions on early cognitive development in rural China," *World Development*. 149: 105686. doi:10.1016/j.worlddev.2021.105686
32. Emmers, D., Q. Jiang, H. Xue, Y. Zhang, Y. Zhang, Y. Zhao, B. Liu, S.-E. Dill, Y. Qian, N. Warrinnier, H. Johnstone, J. Cai, X. Wang, L. Wang, R. Luo, G. Li, J. Xu, M. Liu, Y. Huang, W. Shan, Z. Li, Y. Zhang, **S. Sylvia**, Y. Ma, A. Medina, S. Rozelle, 2021. Early Childhood Development and Parental Training Interventions in Rural China: A Systematic Review and Meta-analysis. *BMJ Global Health*;6:e005578. doi:10.1136/bmjgh-2021-005578
33. Wang, L., Y. Chen, **S. Sylvia**, S.-E. Dill, and S. Rozelle, 2021. Trajectories of Child Cognitive Development during Ages 0–3 in Rural Western China: Prevalence, Risk Factors and Links to Preschool-Age Cognition. *BMC Pediatrics*. doi:10.1186/s12887-021-02650-y
34. Su, M., Z. Zhou, Y. Si, **S. Sylvia**, G. Chen, Y. Su, S. Rozelle, X. Wei, 2021. Comparing the Quality of Primary Care between Public and Private Providers in Urban China: A Standardized Patient Study. *International Journal of Environmental Research and Public Health* 18, 5060. doi:10.3390/ijerph18105060
35. Wang, H., S. Dill, H. Zhou, Y. Ma, **S. Sylvia**, M. Boswell, P. Loyalka, J. Lin, and S. Rozelle. 2021. Health, Economic and Social Impacts of COVID-19 on China's Rural Population. *Agricultural Economics*. doi:10.1111/agec.12630
36. Zhang, J., J.-J. Xu, H.-Y. Wang, X.-J. Huang, Y.-K. Chen, H. Wang, Z.-X. Chu, Q.-H. Hu, X.-Q. He, Y. Li, L.-K. Zhang, Z.-L. Hu, R.-T. Bao, S.-C. Li, H. Li, H.-B. Ding, Y.-J. Jiang, W.-Q. Geng, **S. Sylvia**, H. Shang, and CROPrEP Group. 2021. Preference for Daily Versus On-Demand Pre-Exposure Prophylaxis for HIV and Correlates among Men Who Have Sex with Men: The China Real-World Oral PrEP Demonstration Study. *Journal of the International AIDS Society*. 24 (2):e25667. doi:10.1002/jia2.25667. PMID: PMC7883476.
37. Wang, H., M. Zhang, R. Li, O. Zhong, H. Johnstone, H. Zhou, H. Xue, **S. Sylvia**, M. Boswell, P. Loyalka, and S. Rozelle. 2021. Tracking the Effects of COVID-19 in Rural China over Time. *International Journal for Equity in Health*. 20 (1):35. doi:10.1186/s12939-020-01369-z. PMID: PMC7807215.
38. **Sylvia, S.**, N. Warrinnier*, R. Luo, A. Yue, O. Attanasio, A. Medina, and S. Rozelle. 2021. From Quantity to Quality: Delivering a Home-Based Parenting Intervention through China's Family Planning Cadres. *Economic Journal*. 131 (635):1365-1400. doi:10.1093/ej/ueaa114.
39. **Sylvia, S.**, and S. Rozelle. 2021. Publishing and Assessing the Research of Economists: Lessons from Public Health. *China Economic Review*. 66:101601. doi:10.1016/j.chieco.2021.101601.

40. Nie, J., L. Zhang*, J. Gao*, J. Li, Q. Zhou*, Y. Shi, **S. Sylvia**, and N. Congdon. 2021. Using Incognito Standardised Patients to Evaluate Quality of Eye Care in China. *BMJ British Journal of Ophthalmology*. 105 (3):311-6. doi:10.1136/bjophthalmol-2019-315103.
41. Ma, X., H. Wang, Y. Shi, **S. Sylvia**, L. Wang, Y. Qian, and S. Rozelle. 2021. Improving Learning by Improving Vision: Evidence from Two Randomized Controlled Trials of Providing Vision Care in China. *Journal of Development Effectiveness*. 13 (1):1-26. doi:10.1080/19439342.2021.1876139.
42. Li, R., N. Rose, Y.M. Zheng, Y. Chen, **S. Sylvia**, H. Wilson-Smith, A. Medina, S.-E. Dill, and S. Rozelle. 2021. Early Childhood Reading in Rural China and Obstacles to Caregiver Investment in Young Children: A Mixed-Methods Analysis. *International Journal of Environmental Research and Public Health*. 18 (4):1457. doi:10.3390/ijerph18041457. PMID: PMC7913908.
43. Zhou, H., R. Ye, **S. Sylvia**, N. Rose, and S. Rozelle. 2020. "At Three Years of Age, We Can See the Future": Cognitive Skills and the Life Cycle of Rural Chinese Children. *Demographic Research*. 43 (7):169-82. doi:10.4054/DemRes.2020.43.7. PMID: PMC7963364.
44. Yue, A.*, Y. Bai*, Y. Shi, R. Luo, S. Rozelle, A. Medina, and **S. Sylvia**. 2020. Parental Migration and Early Childhood Development in Rural China. *Demography*. 57 (2):403-22. doi:10.1007/s13524-019-00849-4.
45. Yi, H., P. Wu, X. Zhang, D.E. Teuwen, and **S. Sylvia**. 2020. Market Competition and Demand for Skills in a Credence Goods Market: Evidence from Face-to-Face and Web-Based Non-Physician Clinician Training in Rural China. *PLOS ONE*. 15 (6):e0233955. doi:10.1371/journal.pone.0233955. PMID: PMC7302647.
46. Yi, H., H. Liu, Z. Wang, H. Xue, **S. Sylvia**, H. Shi, D.E. Teuwen, Y. Han, and J. Qin. 2020. The Competence of Village Clinicians in the Diagnosis and Management of Childhood Epilepsy in Southwestern China and Its Determinants: A Cross-Sectional Study. *Lancet Regional Health – Western Pacific*. 3:100031. doi:10.1016/j.lanwpc.2020.100031.
47. Wu, Y.*, H. Zhou, X. Ma, Y. Shi, H. Xue, C. Zhou, H. Yi, A. Medina, J. Li, and **S. Sylvia**. 2020. Using Standardised Patients to Assess the Quality of Medical Records: An Application and Evidence from Rural China. *BMJ Quality & Safety*. 29 (6):491-8. doi:10.1136/bmjqs-2019-009890. PMID: PMC7244376.
48. Smith, M.K., R.H. Xu, S.L. Hunt, C. Wei, J.D. Tucker, W. Tang, D. Luo, H. Xue, C. Wang, L. Yang, B. Yang, L. Li, B.L. Joyner, Jr., and **S. Sylvia**. 2020. Combating HIV Stigma in Low- and Middle-Income Healthcare Settings: A Scoping Review. *Journal of the International AIDS Society*. 23 (8):e25553. doi:10.1002/jia2.25553. PMID: PMC7448195.
49. Nie, J.*, X. Pang, L. Wang, S. Rozelle, and **S. Sylvia**. 2020. Seeing Is Believing: Experimental Evidence of the Impact on Eyeglasses on Academic Performance, Aspirations and Dropout among Junior High School Students in Rural China. *Economic Development and Cultural Change*. 68 (2):335-55. doi:10.1086/700631.
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51. Jackson, K.D.*, C.R. Higgins, S.K. Laing, C. Mwila, T. Kobayashi, M.M. Ippolito, **S. Sylvia**, and S. Ozawa. 2020. Impact of Substandard and Falsified Antimalarials in Zambia: Application of the SAFARI Model. *BMC Public Health*. 20 (1):1083. doi:10.1186/s12889-020-08852-w. PMID: PMC7350731.
52. Guo, W.*, **S. Sylvia**, K. Umble, Y. Chen*, X. Zhang, and H. Yi. 2020. The Competence of Village Clinicians in the Diagnosis and Treatment of Heart Disease in Rural China: A Nationally Representative Assessment. *Lancet Regional Health – Western Pacific*. 2:100026. doi:10.1016/j.lanwpc.2020.100026.
53. Fu, P., Y. Wang, S. Liu, J. Li, Q. Gao*, C. Zhou, Q. Meng, and **S. Sylvia**. 2020. Analysing the Preferences for Family Doctor Contract Services in Rural China: A Study Using a Discrete Choice Experiment. *BMC Family Practice*. 21 (1):148. doi:10.1186/s12875-020-01223-9. PMID: PMC7382837.
54. Chang, F., H. Wang, Y. Qu, Q. Zheng, P. Loyalka, **S. Sylvia**, Y. Shi, S.-E. Dill, and S. Rozelle. 2020. The Impact of Pay-for-Percentile Incentive on Low-Achieving Students in Rural China. *Economics of Education Review*. 75:101954. doi:10.1016/j.econedurev.2020.101954.
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56. Xue, H.*, Y. Shi, L. Huang*, H. Yi, H. Zhou, C. Zhou, S. Kotb*, J.D. Tucker, and **S. Sylvia**. 2019. Diagnostic Ability and Inappropriate Antibiotic Prescriptions: A Quasi-Experimental Study of Primary Care Providers in Rural China. *Journal of Antimicrobial Chemotherapy*. 74 (1):256-63. doi:10.1093/jac/dky390.

57. Xu, D.R., M. Hu, W. He, J. Liao, Y. Cai, **S. Sylvia**, K. Hanson, Y. Chen, J. Pan, Z. Zhou, N. Zhang, C. Tang, X. Wang, S. Rozelle, H. He, H. Wang, G. Chan, E.R. Melipillan, W. Zhou, and W. Gong. 2019. Assessing the Quality of Primary Healthcare in Seven Chinese Provinces with Unannounced Standardised Patients: Protocol of a Cross-Sectional Survey. *BMJ Open*. 9:e023997. doi:10.1136/bmjopen-2018-023997. PMID: PMC6398795.
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59. Loyalka, P., **S. Sylvia**, C. Liu, J. Chu*, and Y. Shi. 2019. Pay by Design: Teacher Performance Pay Design and the Distribution of Student Achievement. *Journal of Labor Economics*. 37 (3):621-62. doi:10.1086/702625. **[Joint first author]**
60. Cai, R., J. Tang, C. Deng, G. Lv, X. Xu, **S. Sylvia**, and J. Pan. 2019. Violence against Health Care Workers in China, 2013-2016: Evidence from the National Judgment Documents. *Human Resources for Health*. 17:103. doi:10.1186/s12960-019-0440-y. PMID: PMC6933725.
61. Xue, H.*, J. Hager*, Q. An*, K. Liu*, J. Zhang*, E. Auden*, B. Yang*, J. Yang*, H. Liu*, J. Nie*, A. Wang*, C. Zhou, Y. Shi, and **S. Sylvia**. 2018. The Quality of Tuberculosis Care in Urban Migrant Clinics in China. *International Journal of Environmental Research and Public Health*. 15 (9):e2037. doi:10.3390/ijerph15092037. PMID: PMC6163912.
62. Liao, J., Y. Chen, Y. Cai, N. Zhan, **S. Sylvia**, K. Hanson, H. Wang, J.N. Wasserheit, W. Gong, Z. Zhou, J. Pan, X. Wang, C. Tang, W. Zhou, and D.R. Xu. 2018. Using Smartphone-Based Virtual Patients to Assess the Quality of Primary Healthcare in Rural China: Protocol for a Prospective Multicentre Study. *BMJ Open*. 8 (7):e020943. doi:10.1136/bmjopen-2017-020943. PMID: PMC6089284.
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71. **Sylvia, S.**, Y. Shi, H. Xue*, X. Tian*, H. Wang*, Q. Liu, A. Medina, and S. Rozelle. 2015. Survey Using Incognito Standardized Patients Shows Poor Quality Care in China's Rural Clinics. *Health Policy and Planning*. 30 (3):322-33. doi:10.1093/heapol/czu014.
72. Luo, R., Y. Shi, H. Zhou, A. Yue, L. Zhang, **S. Sylvia**, A. Medina, and S. Rozelle. 2015. Micronutrient Deficiencies and Developmental Delays among Infants: Evidence from a Cross-Sectional Survey in Rural China. *BMJ Open*. 5 (10):e008400. doi:10.1136/bmjopen-2015-008400. PMID: PMC4611485.

73. Li, L., R. Luo, A. Medina, S. Rozelle, and **S. Sylvia**. 2015. The Prevalence of Anemia in Central and Eastern China: Evidence from the China Health and Nutrition Survey. *The Southeast Asian Journal of Tropical Medicine and Public Health*. 46 (2):306-21.
74. Luo, R., Y. Shi, H. Zhou, A. Yue, L. Zhang, **S. Sylvia**, A. Medina, and S. Rozelle. 2014. Anemia and Feeding Practices among Infants in Rural Shaanxi Province in China. *Nutrients*. 6 (12):5975-91. doi:10.3390/nu6125975. PMID: PMC4277010.
75. **Sylvia, S.**, R. Luo, L. Zhang, Y. Shi, A. Medina, and S. Rozelle. 2013. Do You Get What You Pay for with School-Based Health Programs? Evidence from a Child Nutrition Experiment in Rural China. *Economics of Education Review*. 37:1-12. doi:10.1016/j.econedurev.2013.07.003.
76. Miller, G., R. Luo, L. Zhang, **S. Sylvia**, Y. Shi, P. Foo, Q. Zhao, R. Martorell, A. Medina, and S. Rozelle. 2012. Effectiveness of Provider Incentives for Anaemia Reduction in Rural China: A Cluster Randomised Trial. *BMJ*. 345:e4809. doi:10.1136/bmj.e4809. PMID: PMC3406729.

PEER-REVIEWED PRESENTATIONS & ABSTRACTS

* Indicates presentation given by Sean Sylvia.

1. **Sylvia S***. "Rural Digital Health Kiosks: Incentives and Demand-side Marketing for Platform Adoption," Oral Presentation at the International Health Economics Association (iHEA) World Congress, July 2023.
2. Domino M, Sylvia S*, Green S. "Can Providers be Nudged into Expanding their Skill Set? A Statewide, Two-stage Experiment in North Carolina," Oral presentation at the American Society of Health Economists (ASHEcon) Annual Meeting, Austin July 2022.
3. Wang L, Qian Y, Warrinnier N, Attanasio O, Rozelle S, Sylvia S*. "Parental Investment, School Quality, and the Persistent Benefits of Intervention in Early Childhood," Oral presentation at the American Society of Health Economists (ASHEcon) Annual Meeting, Austin July 2022.
4. Qian Y, Sylvia S*, Rozelle S. "The Role of Social Interactions in Early Childhood Development: Evidence from Rural China," Oral Presentation at the Conference on Early Childhood Education and Social Inequalities, PSE-École d'Économie de Paris, June 2022.
5. Sylvia S*. "Direct to Consumer Telemedicine Platforms and Markets for Medical Advice," Oral Presentation at the International Health Economics Association (iHEA) World Congress, Virtual Jun 2021.
6. Sylvia S*. "Direct to Consumer Telemedicine Platforms and Markets for Medical Advice," Oral Presentation at the Annual Conference of the American Society of Health Economists, Virtual Jun 2021.
7. Wang L, Warriinnier N, Qian Y, Sylvia S, Attanasio O, Rozelle S. "Parental Investment, School Quality, and the Persistent Benefits of Intervention in Early Childhood," Oral Presentation at the Society of Labor Economists 2021 Conference, Virtual May 2021.
8. Sylvia S*. "Parental Migration and Early Childhood Development in Rural China," Oral Presentation at the 2nd IUSSP Population, Poverty and Inequality Research Conference, Virtual Dec 2020.
9. Sylvia S*. "Parental Investment, School Quality, and the Persistent Benefits of Intervention in Early Childhood," Oral Presentation at the Sustainable Development Goals: Global Progress and Practices Conference, Virtual Nov 2020.
10. Sylvia S*, Yi H, Xue H, Liu G. "Public Service Quality and Civil Service versus Fixed-term Contracts: Evidence from Physician Supply of Primary Care," Oral Presentation at the Allied Social Sciences Association (ASSA) Annual Meeting, San Diego Jan 2020.
11. Yi H, Xue H, Shi Y, Liu G, Sylvia S*. "Fixed-term Contracts, Decentralization, and the Quality of Primary Care: Evidence from China's Iron Rice Bowl," Oral Presentation at the International Health Economics Association World Congress, Basel, Jul 2019.
12. Yi H, Xue H, Shi Y, Liu G, Sylvia S*. "Fixed-term Contracts, Decentralization, and the Quality of Primary Care: Evidence from China's Iron Rice Bowl," Oral Presentation at the Allied Social Science Associations (ASSA) Annual Meetings, Atlanta, Jan 2019.
13. Xue H, Liu G, Shi Y, Nie J, Auden E, Sylvia S. "How does physician gender influence primary care quality? evidence from a standardised patient audit study in China." Published Abstract, Lancet-CAMS Health Summit 2018, Oct 2018.
14. Xue H, Shi Y, Huang L, Yi H, Zhou H, Zhou C, Kotb S, Tucker JD, Sylvia S. "Drivers of inappropriate antibiotic prescriptions: a quasi-experimental study of antibiotic prescription by primary care providers in rural China." Published Abstract, Lancet-CAMS Health Summit 2018, Oct 2018.

15. Sylvia S, Warrinnier N, Luo R, Yue A, Attanasio O, Medina A, Rozelle S. "From Quantity to Quality: Delivering a Home-based Parenting Intervention through China's Family Planning Cadres," Society of Labor Economists Annual Conference, Toronto May 2018.
16. Xue H, Shi Y, Huang L, Yi H, Zhou H, Zhou C, Kotb S, Tucker J, Sylvia S*. "Drivers of Inappropriate Antibiotic Prescriptions: A Quasi-Experimental Study of Primary Care Providers in Rural China," China Health Policy and Management Society Annual Conference, New Haven May 2018.
17. Yi H, Xue H, Shi Y, Liu G, Sylvia S*, "Fixed-term Contracts, Decentralization, and the Quality of Primary Care: Evidence from China's Iron Rice Bowl," Chinese Economists Society Annual Meeting, Athens Apr 2018.
18. Shi Y, Yi H, Zhou H, Zhou C, Xue H, Rozelle S, Medina A, Sylvia S, "The quality of primary care and correlates among grassroots providers in rural China: a cross-sectional standardised patient study," Published Abstract, Lancet-CAMS Health Summit 2017, Beijing, Dec 2017.
19. Sylvia S, Xue H, Zhou C, Shi Y, Yi H, Zhou H, Rozelle S, Pai M, Das J. "Tuberculosis detection and the cost of integrated care in rural China: a cross-sectional standardised patient study," Published Abstract, Lancet-CAMS Health Summit 2017, Beijing, Dec 2017.
20. Sylvia S, Warrinnier N, Luo R, Yue A, Attanasio O, Rozelle S. "From Quantity to Quality: Delivering a Home-based Parting Intervention through China's Family Planning Cadres," 10th Annual China Economics Summer Institute (CESI), Beijing, Aug 2017.
21. Sylvia S*, "Early Childhood Development in Rural China: Status and Constraints," Oral Presentation in Plenary Session of the Chinese Economist Society (CES) North America Conference, Tuscaloosa, Mar 2017.
22. Sylvia S*, Warrinnier N, Luo R, Yue A, Attanasio O, Rozelle S. "The Quality of Primary Care in Rural China: Evidence from Undercover Patients," Oral Presentation at the Hayami Conference, Graduate Institute for Policy Studies, Tokyo, Dec 2016.
23. Sylvia S*, Warrinnier N, Luo R, Yue A, Attanasio O, Rozelle S. "Quantity to Quality: Delivering a Home-based Parenting Intervention through China's Family Planning Workers," Oral Presentation at the ILO/Renmin University/UCW Workshop on the Chinese Labor Market, Dec 2016.
24. Sylvia S*, Ma X, Shi Y, Rozelle S, Lawell C-Y. "Ordeal Mechanisms, Information, and the Cost-Effectiveness of Subsidies: Evidence from Subsidized Eyeglasses in Rural China," Oral Presentation at the Western Economic Association International (WEAI) Annual Conference, Portland, Oct 2016.
25. Loyalka P, Sylvia S*, Liu C, Chu J, Shi Y. "Pay by Design: Teacher Performance Pay Design and the Distribution of Student Achievement," Oral Presentation at UNU-WIDER Conference on Human Capital and Growth, Helsinki, Jun 2016.
26. Sylvia S*, "The Quality of Healthcare Provision in Rural China: Evidence from Mystery Patients," Oral Presentation at the Chinese Economist Society (CES) North America Conference, Sacramento, Apr 2016.
27. Sylvia S*, "Managerial Incentives in Public Service Delivery: Evidence from School-based Nutrition Programs in Rural China," Oral Presentation at the International Conference of Agricultural Economists (ICAE), Milan, Aug 2015.
28. Yang Y, Wang H, Zhang L, Sylvia S*, Luo R, Shi Y, Wang W, Rozelle S. "The Han-Minority Achievement Gap, Language, and Returns to Schools in Rural China," Oral Presentation at the Association for Asian Studies (AAS) Annual Conference, Chicago, Mar 2015.
29. Loyalka P, Sylvia S*, Liu C, Chu J, Shi Y. "Pay by Design: Teacher Performance Pay Design and the Distribution of Student Achievement," Oral Presentation at the Pacific Conference for Development Economics (PacDev), UC San Diego, Mar 2015.
30. Loyalka P, Sylvia S*, Liu C, Chu J, Shi Y. "Pay by Design: Teacher Performance Pay Design and the Distribution of Student Achievement," Oral Presentation at the Western Economic Association International (WEAI)
31. Sylvia S*, Miller G, Vera-Hernández M, "Multiple Tasks and Multiple Rewards: Experimental Evidence on Performance Incentives, Alignment, and Complementarity from Chinese Schools," Oral Presentation at the Allied Social Science Associations (ASSA) Annual Meetings, Boston, Jan 2015.
32. Loyalka P, Sylvia S*, Liu C, Chu J, Shi Y. "Pay by Design: Teacher Performance Pay Design and the Distribution of Student Achievement," Oral Presentation at the Center for Marketing and Public Organization Workshop on Public Services in Developing Countries, Bristol University, Nov 2014.
33. Sylvia S*, "Managerial Incentives in Public Service Delivery: Evidence from School-based Nutrition Programs in Rural China," Oral Presentation at the Public Economics UK (PEUK) Conference, Bristol University, Sep 2014.

34. Sylvia S*, Ma X, Shi Y, Rozelle S, Lawell C-Y. "Ordeal Mechanisms and Information in the Promotion of Health Goods in Developing Countries: Evidence from Rural China," Oral Presentation at Chinese Economist Society (CES) North America Conference, Purdue University, Apr 2014.
35. Sylvia S*, "Managerial Incentives in Public Service Delivery: Evidence from School-based Nutrition Programs in Rural China," Oral Presentation at Royal Economic Society Graduate Conference, University College London, Feb 2014.
36. Sylvia S*, "High-powered Incentives for Anemia Reduction in Rural China," Oral Presentation at the Chinese Economist Society (CES) Annual Conference, Chengdu, Jun 2013.
37. Sylvia S*, Luo R, Zhang L, Shi Y, Medina A, Rozelle S. "Getting What You Pay For with School-based Health Programs: Evidence from a Randomized Controlled Trial of Educator Incentives for Anemia Reduction in Rural China," Oral Presentation at Chinese Economist Society (CES) Annual Conference, Kaifeng, Jul 2012.
38. Miller G, Luo R, Zhang L, Sylvia S*, Shi Y, Foo P, Zhao Q, Martorell R, Medina A, Rozelle S. "A Cluster-Randomized Trial of Provider Incentives for Anemia Reduction in Rural China," Oral Presentation at the Northeast Universities Development Consortium (NEUDC) Annual Conference, Yale University, Oct 2011.
39. Miller G, Luo R, Zhang L, Sylvia S*, Shi Y, Foo P, Zhao Q, Martorell R, Medina A, Rozelle
40. S. "A Cluster-Randomized Trial of Provider Incentives for Anemia Reduction in Rural China," Oral Presentation at the Mind the Gap: From Evidence to Policy Impact 3ie Impact Evaluation Conference, Cuernavaca, Oct 2011.

INVITED TALKS & SEMINARS

1. "Global Health Economics, China, & the Science of Healthcare Delivery in the Digital Age," University of Maryland, Oct 2022.
2. "Global Health Economics, China, & the Science of Healthcare Delivery in the Digital Age," Stanford University, July 2022.
3. "The Quality of Medical Advice in China: Economics and Experiments," Yale University, March 2022.
4. "The Quality of Primary Care in Rural China: Evidence from Mystery Patients and Audit Experiments," The Pennsylvania State University Oct 2021.
5. "Prenatal Investment, School Choice, and the Persistent Benefits of Intervention in Early Childhood" NC State, Oct 2021.
6. "Direct-to-Consumer Telemedicine Platforms and the Market for Medical Advice in China," Harvard China Health Partnership Dec 2020.
7. "The Quality of Primary Care in Rural China: Evidence from Mystery Patients," Department of Global Health and Population, Harvard University Feb 2020.
8. "Evaluating Primary Care Quality with Mystery Patients," FHI 360, Durham, NC Feb 2020.
9. "The Quality of Primary Care in Rural China: Evidence from Mystery Patients," LICOS, KU Leuven, Jul 2019.
10. "Primary Care Quality and Health Care Reform," Keynote, Sino-UK Health Forum, University of Nottingham, Ningbo May 2019.
11. "Early Childhood Development in Rural China: Evidence from the Qinling Cohort Study," Carolina Asia Center, China Speaker Series, Mar 2019.
12. "Early Childhood Development in Rural China: Evidence from the Qinling Cohort Study," Carolina Population Center, Jan 2019.
13. "The Quality of Primary Care in Rural China: Evidence from Mystery Patients," Sichuan University School of Public Health, Jul 2018.
14. "Tuberculosis Detection and the Challenges of Integrated Care in Rural China: A Cross-sectional Standardized Patient Study," UNC Institute for Global Health and Infectious Disease, Nov 2017.
15. "The Quality of Primary Care in Rural China: Evidence from Mystery Patients," Sun Yatsen Global Health Institute, Nov 2017.
16. "The Fundamental Role of Primary Care Quality in Achieving a Healthy China," Presentation at the Beijing Forum, Beijing, Oct 2017.
17. "From Quantity to Quality: Delivering a Home-based Parting Intervention through China's Family Planning Cadres," Triangle Health Economics Workshop, Oct 2017.

18. "The Quality of Primary Care in Rural China: Evidence from Mystery Patients," Peking University China National Health Development Research Center (CHNDRC), Jul 2017.
19. "The Quality of Primary Care in Rural China: Evidence from Mystery Patients," Shandong University School of Public Health, Jun 2017.
20. "The Quality of Primary Care in Rural China: Evidence from Mystery Patients," Global Health Research Center, Duke Kunshan University, Oct 2016.
21. "Cognitive Development of Infants and Toddlers in China: Sources of Growth and Constraints to Development," Oral Presentation at the Grand Challenges Annual Meeting, Gates Foundation Healthy Birth, Growth and Development Knowledge Integration Initiative, London, Oct 2016.
22. "The Quality of Primary Care in Rural China: Evidence from Mystery Patients," China Center for Health Economic Research (CCHER), Peking University, Aug 2016.
23. "Early Childhood Development in Rural China: Status and Interventions," Rural Early Care and Education (ECE) Forum, Peking University-Stanford Center, May 2016.
24. "New Public Management for the New Normal: China's Human Capital Crisis and the Role of Incentives in Health and Education," Jackson School of International Studies, University of Washington, Mar 2016.
25. "New Public Management for the New Normal: China's Human Capital Crisis and the Role of Incentives in Health and Education," Chinese Center for Agricultural Policy (CCAP), Chinese Academy of Sciences, Mar 2016.
26. "Anemia and Cognitive Outcomes: Evidence from 30,000 Children in Rural China," Oral Presentation at the Grand Challenges Annual Meeting, Gates Foundation Healthy Birth, Growth and Development Knowledge Integration Initiative, Oct 2015.
27. "Pay by Design: Teacher Performance Pay Design and the Distribution of Student Achievement," Central University of Economics and Business, Beijing Oct 2015.
28. "Primary Care Quality in Rural China," Oral Presentation at the Workshop on the Quality of Healthcare: Measurement Efforts to Improve Quality, Bill and Melinda Gates Foundation, New Delhi, Jun 2015.
29. "Pay by Design: Teacher Performance Pay Design and the Distribution of Student Achievement," Tsinghua University School of Economics and Management, Beijing May 2015.
30. "Family Structure and the Heterogeneous Effects of Interventions," Oral Presentation at the Asian Family in Transition Initiative Workshop, University of Chicago Center, Hong Kong, Mar 2015.
31. "Managerial Incentives in Public Service Delivery: Evidence from School-based Nutrition Programs in Rural China," Chinese Center for Agricultural Policy, Beijing Oct 2014.
32. "Managerial Incentives in Public Service Delivery: Evidence from School-based Nutrition Programs in Rural China," Stanford University, Freeman Spogli Institute for International Studies, Apr 2014.
33. "Managerial Incentives in Public Service Delivery: Evidence from School-based Nutrition Programs in Rural China," National Graduate Research Institute for Policy Studies (GRIPS), Tokyo, Japan Feb 2014.
34. "Managerial Incentives in Public Service Delivery: Evidence from School-based Nutrition Programs in Rural China," Stanford University, Stanford Center for International Development (SCID), Dec 2013.

TEACHING ACTIVITIES

Teaching – Lead Instructor

University of North Carolina at Chapel Hill

- Analysis of Categorical Data (PhD)
 - 25 students Spring 2024
- Health Economics (Masters)
 - 55 students Fall 2023
 - 60 students Fall 2022
 - 45 students Fall 2021
 - 46 students Fall 2020
 - 57 students Fall 2019
 - 49 students Fall 2018

Renmin University of China

- Development Economics (Undergraduate)

- Public Economics (MA/PhD)
- Development Economics with Applications to China (MA/PhD)
- Poverty and Inequality (Undergraduate)
- Data Management using Stata (Undergraduate/MA/PhD)

Student Mentoring & Advising

- Doctoral Dissertation Committee Chair
 - Zhang Zhang (PhD); "Telehealth and Impact on Healthcare Utilization and Quality of Care"; In-progress
 - Initial placement: Post-doctoral Scholar, Johns Hopkins University
 - Yunwei Chen (PhD); "Information, Caregiver Beliefs, and Child Health: Evidence from China and the US"; In-progress
 - Initial placement: Post-doctoral Scholar, Stanford University
 - Karishma D'Souza (PhD); "Technology, Innovation & Healthcare in LMICs: A Study of Telemedicine in India"; In-progress
 - Nick Schaad (DrPH); "Strengthening HIV Electronic Medical Record Data Demand and Use to Improve HIV Service Delivery in Tanzania"; In-progress
 - Prajwol Nepal (PhD); "Non-prescription antibiotics use among children in Nepal: Evidence and interventions in community settings"; Graduated 2024
 - Wei Chang (PhD); "Decision-Making Power for Women and Girls: Evaluating Interventions in Maternal, Sexual, and Reproductive Health in Low- and Middle-Income Countries"; Graduated 2020
 - Initial placement: Post-doctoral Scholar, Harvard University
 - J. Carlos Caro (PhD); "Early childhood development, health behaviors and nutritional health in a context of high overweight prevalence: evidence from two large interventions in Chile"; Graduated 2020
 - Initial placement: Post-doctoral Scholar, University of Luxembourg
- Doctoral Dissertation Committee Member
 - Doyoung Kim (PhD), Health Policy and Management; In-Progress
 - Assanatou Bamogo (PhD), Maternal and Child Health; In-progress (Curriculum Committee)
 - Nick Stacey (PhD), Health Economics, London School of Economics; In-progress (External Viva Examiner)
 - Christopher Westgard (PhD), Maternal and Child Health; In-progress
 - Rym Ghouma (PhD), Health Economics, London School of Hygiene and Tropical Medicine; Graduated 2024 (External Viva Examiner)
 - Evelyn Abayaah-Issah (DrPH); Graduated 2024
 - Minne Chen (PhD), Sociology; Graduated 2023
 - Margaret Byrne (PhD), Health Policy and Management; Graduated 2023
 - Grace Ghantous (DrPH), Health Policy and Management; Graduated 2023
 - Esther Chung (PhD), Epidemiology; Graduated 2023
 - Dorien Emmers (PhD), Economics, KU Leuven; Graduated 2021
 - Nele Warrinnier (PhD), Economics, KU Leuven; Graduated 2019
 - Olawale Durosinmi-Etti (DrPH), Health Policy and Management; Graduated 2020
- Masters Paper Reader
 - Helen Rolf, MSPH (First); Graduated 2023
 - Jared Brown-Rabinowitz, MSPH (First); Graduated 2022
 - Rohini Rajgopal, MSPH (First); Graduated 2022
 - Yunwei Chen, MSPH (First); Graduated 2019
 - Katie Jackson, MPH (First); Graduated 2019
 - Dennis Xuan, MSPH (First); Graduated 2018
- Undergraduate Honors Thesis Reader
 - Xinran Ming, BSPH (First); Graduated 2022
 - Camille Mittendorf, BSPH (Second); Graduated 2020
 - Wilson Guo, BSPH (First); Graduated 2019
 - Yuan Quan, BSPH (First); Graduated 2018

- Academic Advisor
 - PhD: Shuyi Song, Lirui Jiao, Mukesh Adhikari, Zhang Zhang, Prajwol Nepal, Yunwei Chen, Karishma D'Souza, Wei Chang, J. Carlos Caro
 - MSPH/MHA/MA: Helen Rolf (MSPH), Jared Brown-Rabinowitz (MSPH), Earl Chen (MHA), Rohini Rajgopal (MSPH), Jeremy Wood (MSPH), Anh Nguyen (MHA), Yunwei Chen (MSPH), Peter Wakuma (MA, Renmin University)
 - BSPH: Andrew Se, Anna Clarke Harrison, Camille Mittendorf, Andrew Heise
- Other Mentoring Activities
 - Co-organizer and Volunteer Mentor, "Navigating Careers in Global Health Economics" Mentoring Workshop
 - Faculty Mentor, UNC Institute for Global Health and Infectious Disease - Southern Medical University Training Program
 - Mentor, International Health Economics Association (iHEA) Mentorship Program

RESEARCH FUNDING

ACTIVE

No Grant Number (Sylvia)

Gillings Innovation Lab

Utilizing Reinforcement Learning with Collective Expert Feedback to Advance the Use of Generative AI for Primary Care

Role: Principal Investigator

1OT2OD032581-02-321 (Oliva/Sylvia)

09/2023-09/2025

NIH/Artificial Intelligence and Machine Learning Consortium to Advance Health Equity and Researcher Diversity (AIM AHEAD)

Human+AI Collaborative Systems for Better Medical Decision-Making

Role: Co-PI

R01AI173558 (Boyce)

09/2023-08/2027

NIH/NAIAD

After the flood: Optimal strategies to prevent malaria epidemics caused by severe flooding

Role: Co-Investigator

No Grant Number (Yip)

04/2023-03/2024

Harvard China Fund

Assessing the Effects and Potentials of Direct-to-Consumer Telemedicine in China

Role: Co-PI

No Grant Number (Tumlinson)

10/2022-09/2024

Fund for Innovation in Development/Population Service International

Delivering on Universal Health Coverage promises in Madagascar - Improving the reliability of primary health care services in hardest-to-reach areas through a cost-effective drone delivery service?

Role: Co-Investigator

K01AI159233 (Sylvia)

08/2022-07/2026

NIH/NIAID

Understanding the Drivers of Antibiotic use in the Treatment of Childhood Diarrhea and Relationship to Antibiotic Resistance in China

Role: Principal Investigator

R01HD101453 (Tumlinson)

05/2021-04/2026

NIH/NICHD

Social Accountability Interventions to Increase Contraceptive Use

Role: Co-Investigator

R01AI158826 (Tucker)

03/2021-02/2026

NIH/NIAID

Pay-it-forward gonorrhea testing among men who have sex with men: The PIONEER pragmatic randomized controlled trial

Role: Co-Investigator

R01HD030880 (Gordon-Larsen/Popkin) 06/2020–05/2025
NIH/NICHD
Monitoring Social Change: Health and Human Capital from Childhood to Adulthood
Role: Co-Investigator

COMPLETED

R34MH121251 (Sylvia/Smith) 09/2019–06/2022
NIH/NIMH
Standardized Patients to Measure and Address Intersectional Stigma: An HIV Prevention Engagement Strategy
Role: MPI

No Grant Number (Martin) 02/2022–07/2022
USAID/Data for Impact
Rwanda Integrated Nutrition and Early Childhood Development (INECD) Evaluation
Role: Co-Investigator

62614510 (Sylvia) 09/2021 – 08/2022
Stanford University
Developing a Curriculum for Early Childhood Nutrition and Psychosocial Stimulation for Parenting Centers in China
Role: Primary Investigator

RIA2020EF-2983 – CSIGN (Ampofo/Marks) 06/2020–06/2022
EDCTP2
COVID-19 Surveillance Intensification in Ghana Network
Role: Sub-project PI

No Grant Number (Sylvia) 07/2020–12/2021
UNC Idea Grant
The Impact of Direct-to-consumer Telemedicine Expansion on Access to Quality Primary care in India
Role: Principal Investigator

No Grant Number (Mohanam/Vera Hernández/Sylvia) 12/2020–11/2021
Bass Connections
Duke Global Health Institute, Bass Connections Program
Trust and Violence in Healthcare: A Global Investigation
Role: Co-PI

No Grant Number (Sylvia/Domino) 06/2020–07/2021
Hayek Fund for Scholars
Developing market simulation games for online economics instruction
Role: Principal Investigator

R21DA017286 (Domino) 08/2018–07/2020
NIH/NIDA
Nudges and incentives to enhance the opioid treatment workforce
Role: Co-Investigator

No Grant Number (Sylvia) 01/2019–12/2019
IBM Junior Faculty Development Award
The Behavioral Economics of Antibiotic Prescribing Practices in Rural China
Role: Principal Investigator

No Grant Number (Zhou) 01/2017–12/2019
China Medical Board
Mapping of, and Strategies to Improve, Access to Public Health Services Among Migrants in Urban China
Role: Co-Investigator

No Grant Number (Yi/Sylvia) 01/2017–12/2018
UCB Foundation (Belgium)
Impact Evaluation of the China Red Cross Village Doctor Training Program in Guangxi Province
Role: Co-Principal Investigator

No Grant Number (Zhou) China Medical Board Impact Evaluation of Clinician Training on the Quality of Primary and Secondary Healthcare Services within Health Alliances in Western China Role: Co-Investigator	01/2016–12/2018
No Grant Number (Shi) YiFang Foundation/LianYi Foundation Evaluating the Impact of School-based Mobile Health Screening in Yushu Tibetan Autonomous Prefecture, Qinghai Role: Co-Investigator	03/2016–03/2017
No Grant Number (Sylvia) Renmin University of China Using Standardized Patients to Measure and Improve the Quality of Health Care in Rural China Role: Principal Investigator	03/2014–03/2015
No Grant Number (Sylvia) Renmin University of China Food Safety Salience and Nutrition Role: Principal Investigator	03/2014–03/2015
No Grant Number (Sylvia/Loyalka) Xu Foundation/Ford Foundation Designs for Teacher Incentives Role: Co-Principal Investigator	03/2014–03/2015

MEMBERSHIPS & PROFESSIONAL SERVICE

Memberships

- American Economic Association
- International Health Economics Association
- American Society of Health Economists
- Society of Labor Economists
- Agricultural and Applied Economics Association
- Association for Asian Studies
- Association for Comparative Economic Studies
- Chinese Economists Society
- China Health Policy and Management Society
- Human Capital and Economic Opportunity Global Working Group

Department, School, University Service

- Department
 - BSPH Admissions Committee (2018–2019)
 - Master’s Program Advisory Committee (2019–2023)
 - Equity in Hiring Task Force (2021-2023)
 - Tenure-track Search Committee (2022)
- School
 - Gillings Study Section (2023, 2024)
 - Gillings Public Health AI Working Group (2023, 2024)
- University
 - Carolina Population Center Director’s Advisory Committee (2022–)
 - Carolina Asia Center Advisory Committee (2018–)
 - Foreign Language and Area Studies Fellowship (FLAS) Selection Committee (2019, 2020)

Professional Service

- Referee
 - Journal of Medical Internet Research
 - American Economic Journal: Applied Economics
 - Journal of Health Economics
 - Journal of Public Economics
 - Health Economics
 - Health Economics Review
 - Journal of Human Resources
 - Journal of Development Economics
 - Economic Journal
 - World Development
 - Demography

- BMJ
- BMJ Global Health
- Health Policy and Planning
- Economic Development and Cultural Change
- Center for Global Development
- International Initiative for Impact Evaluation (3ie)
- PLOS Medicine
- BMC Public Health
- Health Economics, Policy and Law
- Annals of the New York Academy of Sciences
- Guest Editor
 - North Carolina Medical Journal, AI in Medicine Special Issue (2024)
- Other Professional Activities
 - Co-organizer, Global Health Economics Working Group (2022-)
 - Co-Organizer, "Navigating Careers in Global Health Economics" Mentoring Workshop (2022)
 - iHEA Congress Scientific Committee Review Panel (2021,2023)
 - NIH Review Panel – Social Sciences and Population Studies B Study Section (2021)
 - NSF Ad-hoc Reviewer, Economic Sciences Program (2023)

PRACTICE

- Co-Founder & Interim CEO, Collective Good Health Inc. (Non-profit social enterprise)

LANGUAGES

- English: Native Language
- Chinese: Professional working proficiency
- Japanese: Japanese Language Proficiency Test (JLPT), Level 2 (second highest of 4 levels)