**Feinuo Sun**

April 2022

Global Aging and Community Initiative, Mount Saint Vincent University

166 Bedford Hwy, Halifax, NS, Canada. B3M 2J6

Phone: (518) 730-6522 Email: Feinuo.Sun@msvu.ca

**RESEARCH INTERESTS**

Demography of Health; Rural Sociology; Pain; Aging; Migration; Spatial Analysis; Quantitative Methods

**TEACHING INTERESTS**

Global Health and Aging; Spatial Inequalities; Demography; Statistics; Social Research Methods

**EMPLOYMENT**

|  |  |
| --- | --- |
| 2021-present | Postdoctoral Fellow Scholar  Global Aging and Community Initiative,  Mount Saint Vincent University, Halifax, Canada   * Project: *Demography of Chronic Pain*   (National Institutes of Health 1R01 AG065351)  Fellow 2021-2022  Consortium on Analytics for Data-Driven Decision-Making (CAnD3),  McGill University, Montreal, Canada |

**EDUCATION**

|  |  |
| --- | --- |
| 2021 | Ph.D. in Sociology  University at Albany, State University of New York   * Dissertation:   *Rurality and the Opioid Crisis in U.S. counties: a Spatiotemporal Investigation*  Committee: Tse-Chuan Yang (Chair), Kate W. Strully, Glenn Deane  (2020-2021 Dissertation Research Award, Rural Sociological Society)   * Certificate of Graduate Study in *Demography* |
|  |  |
| 2016 | B.A in Administrative Management (Self Examination)  Nanjing University, Nanjing, China |
| 2015 | B.E. in Traffic Engineering  Southeast University, Nanjing, China |

**PUBLICATIONS**

Chen, Vivian Yi-Ju, Kiwoong Park, **Feinuo Sun**, and Tse-Chuan Yang. *In press*. “Assessing COVID-19 risk with temporal indices and geographically weighted ordinal logistic regression in US counties.” *PLoS ONE* 17(4): e0265673. doi: 10.1371/journal.pone.0265673

**Sun, Feinuo**. 2022. “Rurality and opioid prescribing rates in U.S. counties from 2006 to 2018: A spatiotemporal investigation.” *Social Science & Medicine* 296: 114788. doi: 10.1016/j.socscimed.2022.114788

**Sun, Feinuo** and Zai Liang. 2021. “Parental migration and anemia status of children in China.” *Social Science & Medicine* 270: 113680. doi: 10.1016/j.socscimed.2021.113680

Yang, Tse-Chuan, Seungwon. E. Choi, and **Feinuo Sun**. 2021. “COVID-19 confirmed cases in US counties: The role of racial/ethnic density and residential segregation.” *Ethnicity & health* 26(1): 11-21. doi: 10.1080/13557858.2020.1830036

**Sun, Feinuo**, Stephen A. Matthews, Tse-Chuan Yang, and Ming-Hsiao Hu. 2020. “A spatial analysis of COVID-19 period prevalence in US counties through June 28, 2020: Where geography matters?” *Annals of Epidemiology* 52: 54-59. doi: 10.1016/j.annepidem.2020.07.014

Yang, Tse-Chuan, **Feinuo Sun**, and Seungwon. E. Choi. 2020. “Rural residence and mortality in later life: Exploring the role of social integration and social support from a longitudinal perspective.” *Population, Space and Place* 27(1): e2377. doi: 10.1002/psp.2377

**Sun, Feinuo**, Zhen Liu, and Kathryn S. Schiller. 2020. “Parental migration and children’s educational aspirations: China and Mexico in a comparative perspective.” *Chinese Sociological Review* 52(4): 482-486. doi: 10.1080/21620555.2020.1779052

Liang, Zai and **Feinuo Sun**. 2020. “The Lasting impact of parental migration on children’s education and health outcomes: The case of China.” *Demographic Research* 43: 217-244. doi: 10.4054/DemRes.2020.43.9

Yang, Tse-Chuan and **Feinuo Sun**. 2019. “A longitudinal analysis of how perceived discrimination gets under the skin: Investigating the gender and racial/ethnic differences.” *EurAmerica* 49(2): 243-285.

† Both authors contributed equally to the manuscript.

Yang, Tse-Chuan, Stephen Matthews, **Feinuo Sun**, and Marina Armendariz. 2019. “Modeling the relative importance of within and between county effects in an ecological study of the association between social capital and mental distress.” *Preventing Chronic Disease* 16. doi: 10.5888/pcd16.180491

**WORK IN PROGRESS**

|  |  |
| --- | --- |
| Under Review | Yang, Tse-Chuan, Stephen Matthews, and **Feinuo Sun**. “Multiscale dimensions of spatial process underlying US county COVID-19 fully vaccinated rates.”  Liu, Han and **Feinuo Sun**. “Health effects of men’s employment trajectories during the Great Recession.” |
| Working paper | **Sun, Feinuo**. “Deaths of despair or drug environments? A spatiotemporal investigation of rurality and opioid-involved mortality rates in U.S. counties.”  **Sun, Feinuo**. “Opioid crisis in rural and urban U.S. counties from 2006-2018: in light of the index of relative rurality.”  **Sun, Feinuo**, Anna Zajacova, and Hanna Grol-Prokopczyk. “The geography of arthritis-attributable activity limitation and pain: A county-level spatial analysis.”  **Sun, Feinuo**, Kai Zhang, and Shichao Du. “Social determinants, cardiovascular disease, healthcare cost: A national study in the U.S.”  **Sun, Feinuo**, Zachary Zimmer, and Anna Zajacova. “Educational differences in life expectancies with and without pain.”  **Sun, Feinuo**, Zachary Zimmer, and Anna Zajacova. “Pain and disability transitions among older Americans: The role of education.” |

**GRANTS AND AWARDS**

|  |  |
| --- | --- |
| 2021 | 2021-2022 CSDC-CAnD3 Fellowship (CAD $10,000) |
| 2021 | 2020-2021 Dissertation Research Award, Rural Sociological Society ($1000) |
| 2020 | Benevolent Association Research and Creative Activity Grant, University at Albany, State University of New York ($400) |
| 2019 | Professional Development Award, Graduate Student Employees Union, University at Albany, State University of New York ($500) |
| 2018 | Student Paper Prize, Urban China Research Network Conference |
| 2018 | Travel Award, International Chinese Sociological Association ($200) |
| 2018 | Professional Development Award, Graduate Student Employees Union, University at Albany, State University of New York ($800) |
| 2018 | Travel Grants, Department of Sociology, University at Albany, State University of New York ($400) |
| 2017 | Travel Grants, Department of Sociology, University at Albany, State University of New York ($400) |

**CONFERENCE PRESENTATIONS**

**Sun, Feinuo**, Zachary Zimmer, and Anna Zajacova. “Pain and disability transitions among older Americans: The role of education.” Flash session presentation at the Population Association of America Annual Meeting, Atlanta, GA, 2022.

**Sun, Feinuo**. “Rurality and the opioid-involved mortality rates in U.S. counties: A spatiotemporal investigation.” Regular session presentation at the American Sociological Association Annual Meeting, Virtual Conference, 2021.

Liu, Han and **Feinuo Sun**. “Health effects of men’s employment trajectories during the Great Recession” Regular session presentation at the American Sociological Association Annual Meeting, Virtual Conference, 2020.

**Sun, Feinuo**. “Contextual determinants on migrant workers’ household intentions in China–Interacting with hukou status and migration distance.” Regular session presentation at the Population Association of America Annual Meeting, Austin, TX, 2019.

Liu, Han and **Feinuo Sun**. “Career trajectory and health in mid-adulthood.” Poster presentation at the Population Association of America Annual Meeting, Austin, TX, 2019.

**Sun, Feinuo** and Zai Liang. “Parental migration and anemia status of children in rural China” Roundtable Session Presentation at American Sociological Association Conference, Philadephia, PA, 2018.

**Sun, Feinuo** and Zai Liang. “Parental migration and anemia status of children in rural China” Regular Session Presentation at International Chinese Sociological Association Conference, Princeton, NJ, 2018.

**Sun, Feinuo**. “What do migrant workers care about most? An examination on city evaluations and migrants' household intentions in China” Regular Session Presentation at Eastern Sociological Society Conference, Baltimore, MD, 2018.

**Sun, Feinuo**. “Land abandonment by households with out-migrant workers: The gender effect” Regular Session Presentation at Urban China Research Network, Shanghai, China, 2017.

**TEACHING EXPERIENCE**

|  |  |
| --- | --- |
| Fa 2021 | Guest Lecturer  Department of Family Studies and Gerontology, Mount Saint Vincent University  *Global Health and Aging in the Context of Covid 19*  (for graduate and undergraduate students, 1 section in-person) |
| 2018-2021 | Instructor  Department of Sociology, University at Albany, State University of New York  *Introduction to Social Research* (3 sections in-person, 2 sections asynchronous)  *Introduction to Sociology* (1 section in-person, 1 section asynchronous)  *The American Welfare State* (1 section asynchronous) |
| Spr 2018 | Co-instructor  Department of Sociology, University at Albany, State University of New York  *Statistics for Sociologists* (1 section in-person) |
| Spr 2017 | Guest Lecturer  Department of Sociology, University at Albany, State University of New York  *Research Proposal Seminar* (for honors undergraduate students, 1 section in-person) |
| 2015-2017 | Teaching Assistant (grader)  Department of Sociology, University at Albany, State University of New York  *Social Demography* (2 sections)  *Contemporary Immigration and the Second Generation* (1 section)  *Statistics for Sociologists* (3 sections) |

**RESEARCH EXPERIENCE**

|  |  |
| --- | --- |
| 2016-2020 | Research Assistant  Research Foundation, University at Albany, State University of New York  Center for Social and Demographic Analysis (CSDA), University at Albany, State University of New York  *“Exploring the Relationship between Medicare-Medicaid Dual-Eligibility and Opioid Use Disorder Among Older Adults Living in Rural America”*  *NIA-supported Interdisciplinary Network on Rural Population Health and Aging, Tse-Chuan Yang (PI) and Benjamin Shaw (Co-PI).*  *“The Educational and Health Consequences of Parental Migration on Children”*  *US National Science Foundation (SES#1524282), Zai Liang (PI), Kathyrn S. Schiller and Glenn Deane (Co-PI).*  *“A Study on Migrant Children and Left behind Children in China”*  *National Social Science Foundation of China (15AZD053), Zai Liang (PI).*  *“Population Research Center Core Grant”*  *Eunice Kennedy Shriver National Institute of Child Health and Human Development (R24-HD044943), Jennifer VanHook (PI), Tse-Chuan Yang (Co-PI) and others.* |
| 2015-2018 | Graduate Assistant  Department of Sociology, University at Albany, State University of New York |

**PROFESSIONAL SERVICE**

Occasional referee: *Social Forces, Health & Place*, *World Development,* *Mathematical Population Studies, Spatial Demography, SSM-Mental Health, BMJ open, Journal of Spatial Science, BMC Public Health, BMJ open, PloS ONE*

**PROFESSIONAL MEMBERSHIPS**

Population Association of America

American Sociological Association

Rural Sociological Society

REVES (Network on Health Expectancy)

International Chinese Sociological Association

Eastern Sociological Association

Urban China Research Network

**SKILLS AND ABILITIES**

|  |  |
| --- | --- |
| Programs | STATA/R/Arc GIS/Geoda/HLM/SPSS |
| Language | English (Fluent), Mandarin (Native) |

**REFERENCES**

Tse-Chuan Yang

Associate Professor, Preventive Medicine & Community Health

University of Texas Medical Branch

(409) 747-1985

[tsyang@utmb.edu](mailto:tsyang@utmb.edu)

Zachary Zimmer

Professor, Government of Canada Research Chair, Tier I Professor, Family Studies and Gerontology Director, Global Aging and Community Initiative

Mount Saint Vincent University

(902) 457-5541

[zachary.zimmer@msvu.ca](mailto:zachary.zimmer@msvu.ca)

Stephen A. Matthews

Liberal Arts Professor of Sociology, Anthropology, Demography and Geography

Pennsylvania State University

(814) 863-9721

[sxm27@psu.edu](mailto:sxm27@psu.edu)

Hanna Grol-Prokopczyk

Associate Professor, Sociology

University at Buffalo, State University of New York

(716) 645-8480

[hgrol@buffalo.edu](mailto:hgrol@buffalo.edu)