RUSHIL ZUTSHI
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University of Southern California - Schaeffer Center	Los Angeles, CA
Postdoctoral Research Associate	2023 – 2025
Pardee RAND Graduate School	Santa Monica, CA
Ph.D. Candidate in Policy Analysis	2017 – 2023
Carnegie Mellon University	Pittsburgh, PA
M.S Energy Science and Policy	2015-2016
VIT University	Vellore, India
B.Tech Electrical and Electronics Engineering	2011-2015

SKILLS

Computer Skills
Statistical Packages: Stata, R
Qualitative Analysis Software: Dedoose
Other: Python, LaTeX, Git, Tableau, QGIS, MATLAB

Languages
English (fluent), Hindi (fluent), Kashmiri (mother tongue), Spanish (elementary)

ONGOING RESEARCH

Religion and Caste Based Discrimination in Healthcare Delivery:
Evidence From India (Job Market Paper)   *Manuscript in preparation*
- I am using a standardized patient method to measure the discrimination in healthcare delivery by private clinics in rural India based on the caste and religion of patients
- I study outcomes which include technical quality of care and interpersonal quality of care

What Drives Poor Care for Child Diarrhea?
Experimental Evidence From Private Providers In India   *Manuscript in preparation*
PI: Zach Wagner
- Assisting in a multi-arm RCT to study the causal effects of patient demand, financial incentives, and stock-outs on ORS prescription and dispensing.
- Tasks include overseeing data collection design and operations, creating survey instruments, data collection, analysis, and manuscript prepatation.

#MeToo - Why Now? (Dissertation Paper)   Ongoing
- Using a Game-theoretic approach to model the dynamics of the #MeToo movement
- Results hope to illuminate the different policy levers that can be used to enable an equilibrium of "truth-telling"

What Drives Poor Care for Child Diarrhea?
A Qualitative Understanding (Dissertation Paper)   *Manuscript in preparation*

- Interviewing caretakers and private providers who were previously recruited for a randomized trial about their understanding of child diarrhea, perception of patient preferences, and other important factors in the treatment of diarrhea.

PUBLICATIONS

Peer Reviewed Publications

Wagner, Z., **Zutshi, R.**, Asiimwe, J. B., & Levine, D. (2022). The cost-effectiveness of community health workers delivering free diarrhea treatment: evidence from Uganda. *Health Policy and Planning, 37(1), 123-131.*

Richardson, A. S., **Zutshi, R.**, Nguyen, P., Tysinger, B., & Sturm, R. (2022). Microsimulation projections of obesity interventions on cardiometabolic health disparities in the United States. *Obesity, 30(1), 62-74.*

S., Linnemayr, S., **Zutshi, R.**, Shadel, W.G., Pedersen, E.R., DeYoreo, M., Tucker, J. (2021). Text Messaging Intervention for Young Smokers Experiencing Homelessness: Lessons Learned From a Randomized Controlled Trial. *JMIR mHealth and uHealth, 9(4), e23989.*

Pedersen, E. R., Davis, J. P., Setodji, C., Dworkin, E. R., Leamon, I., Hummer, J. F., **Zutshi, R.**, & Clapp, J. D. (2022). Increased risk for sexual violence victimization on drinking days involving pregaming. *Journal of Aggression, Maltreatment, and Trauma (forthcoming).*

Tucker, J.S., Linnemayr, S., Pedersen, E.R., Shadel, W.G., **Zutshi, R.**, DeYoreo, M., Cabreros, I. (2021). Pilot Randomized Clinical Trial of a Text Messaging-Based Intervention for Smoking Cessation Among Young People Experiencing Homelessness. *Nicotine and Tobacco Research, 23(10), 1691-1698.*

Tucker, J.S., Pedersen, E.R., Linnemayr, S., Shadel, W.G., DeYoreo, M. and **Zutshi, R.**, 2020. A text message intervention for quitting cigarette smoking among young adults experiencing homelessness: study protocol for a pilot randomized controlled trial. *Addiction science & clinical practice, 15*(1), pp.1-13.

Tucker, J.S., Linnemayr, S., Pedersen, E.R., Shadel, W.G., **Zutshi, R.** and Mendoza-Graf, A., 2019. Developing a text messaging-based smoking cessation intervention for young smokers experiencing homelessness. *Journal of Smoking Cessation*, pp.1-9.

Bouskill, K., Hempel, S., Richardson, A., Ganz, P.A., Baxi, S., **Zutshi, R.**, Larkin, J., Motala, A., Miles, J.N. and Crandall, C.J., 2019. Evidence map of ductal carcinoma in situ management options. Menopause, 26(11), pp.1250-1258.

Preprint

Marcinek, K., **Zutshi, R.,** Khan, O., Grana, J., Posard, M. N., Helmus, T. C., Frank, A. B., 2023. The Role Of Communication And Network Technologies In The Dynamics Of Social Movements *Computational Social Science (forthcoming).*

Osoba, O.A., Vardavas, R., Grana, J., **Zutshi, R.** and Jaycocks, A., 2020. Policy-focused Agent-based Modeling using RL Behavioral Models. *arXiv preprint arXiv:2006.05048.*

Conference Proceedings

Zutshi, R., Richardson, A., Nguyen, P. and Sturm, R., 2020, November. Microsimulation of Obesity Interventions on Cardiometabolic Health Disparities in the United States. In *2020 APPAM Fall Research Conference*. APPAM.

Hummer, J. F., Davis, J. P., **Zutshi, R.**, Diguiseppi, G., Sedano, A., Rodriguez, A., Clapp, J. D., & Pedersen, E. R. (2020, April). *A measure to assess protective behavioral strategies for pregaming among young adults*. Society of Addiction Psychology. Collaborative Perspectives on Addiction (CPA) Conference Program. Retrieved from osf.io/xgy9k doi: 10.17605/OSF.IO/XGY9K.

Zutshi, R., Sood, A., Rathore, P.S., Ghosh, S. and John, G., 2013, December. Energy efficiency optimization for proposed high speed trains in India. In *2013 International Conference on Connected Vehicles and Expo (ICCVE)* (pp. 916-917). IEEE.

TEACHING EXPERIENCE

Instructor – Microeconomics Bootcamp	Summer - 2018, 2019, 2020
Pardee RAND Graduate School	Santa Monica, CA
Teaching Assistant – Microeconomics I	Fall – 2018, 2019
Pardee RAND Graduate School	Santa Monica, CA
Teaching Assistant – Statistics for Policy Analysis	Winter – 2019, 2020
Pardee RAND Graduate School	Santa Monica, CA
Teaching Assistant – Advanced Econometrics: Panel Data	Winter – 2021
Pardee RAND Graduate School	Santa Monica, CA

HONORS AND AWARDS

The Pardee Dissertation Award for Global Human Progress	2021, 2022
James Q. Wilson Dissertation Award	2020
Best Teaching Assistant Award (1st Place) *Pardee RAND Graduate School*	2020
Best Research Poster (1st Place) *Duke University Energy Conference*	2016
Best Research Poster (2nd Place) *MIT Energy Conference*	2016