

ZHE ZHAO

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EDUCATION

- University of Michigan Medical School;** Ann Arbor, MI May 2022 – Present
Major: Health Infrastructures and Learning Systems (PhD, expected)
Advisor: Karandeep Singh (Co-advisor); VG Vinod Vydiswaran (Co-advisor)
- University of Michigan;** Ann Arbor, MI Aug 2019 – May 2021
Major: Statistics (MS)
- Boston University;** Boston, MA Sep 2014 – May 2018
Major: Statistics (BA), Economics (BA)
Dean's List (Fall 2016 – Spring 2018)

AWARDS AND FELLOWSHIP

- Rackham International Student Fellowship Spring/Summer 2024
Scholars Awards grant program of Precision Health at the University of Michigan Winter 2024

PUBLICATIONS

Journal Article:

- Tapper, Elliot B., **Zhe Zhao**, and Neehar D. Parikh. "An Emulated Clinical Trial of Deprescribing Proton Pump Inhibitors in Patients With Cirrhosis." *The American Journal of Gastroenterology*, September 25, 2023. <https://doi.org/10.14309/ajg.0000000000002462>.
- Holman, Alexis, Neehar D. Parikh, **Zhe Zhao**, Samantha Nikirk, Daniel J. Clauw, David A. Williams, and Elliot B. Tapper. "Association between Widespread Pain and Associated Symptoms in Patients with Cirrhosis." *Hepatology Communications* 7, no. 5 (April 14, 2023): e0120. <https://doi.org/10.1097/HC9.000000000000120>.
- Miller, Matthew J., Emily Harding-Theobald, Jacob V. DiBattista, **Zhe Zhao**, Karn Wijarnpreecha, Anna S. Lok, and Vincent L. Chen. "Progression to Cirrhosis Is Similar among All Ages in Nonalcoholic Fatty Liver Disease, but Liver-Related Events Increase with Age." *Hepatology Communications* 7, no. 6 (June 2, 2023): e0148. <https://doi.org/10.1097/HC9.000000000000148>.
- Tapper, Elliot B., Utibe R. Essien, **Zhe Zhao**, Nneka N. Ufere, and Neehar D. Parikh. "Racial and Ethnic Disparities in Rifaximin Use and Subspecialty Referrals for Patients with Hepatic Encephalopathy in the

United States.” *Journal of Hepatology* 77, no. 2 (August 1, 2022): 377–82.
<https://doi.org/10.1016/j.jhep.2022.02.010>.

Tapper, Elliot B., Najat Salim, Jad Baki, **Zhe Zhao**, Vinay Sundaram, Vilas Patwardhan, and Samantha J. Nikirk. “Pickle Juice Intervention for Cirrhotic Cramps Reduction: The PICCLES Randomized Controlled Trial.” *The American Journal of Gastroenterology* 117, no. 6 (June 1, 2022): 895–901.
<https://doi.org/10.14309/ajg.0000000000001781>.

Tapper, Elliot B., **Zhe Zhao**, Nik Mazumder, and Neehar D. Parikh. “Incidence of, Risk Factors for, and Outcomes After Ascites in a Population-Based Cohort of Older Americans.” *Digestive Diseases and Sciences* 67, no. 11 (November 1, 2022): 5327–35. <https://doi.org/10.1007/s10620-022-07454-3>.

Tapper, Elliot B., **Zhe Zhao**, Darshini Shah, and Neehar D. Parikh. “A Two-Step Algorithm for the Noninvasive Identification of Candidates for Nonalcoholic Steatohepatitis Clinical Trials: The APRI-FAST.” *Clinical Gastroenterology and Hepatology* 21, no. 6 (June 1, 2023): 1652–53.
<https://doi.org/10.1016/j.cgh.2022.03.041>.

Tapper, Elliot B., **Zhe Zhao**, G. Scott Winder, and Neehar D. Parikh. “Deprescribing Zolpidem Reduces Falls and Fractures in Patients with Cirrhosis.” *JHEP Reports* 4, no. 6 (June 1, 2022): 100478.
<https://doi.org/10.1016/j.jhepr.2022.100478>.

Tapper, Elliot B., Devin Aberasturi, **Zhe Zhao**, Chia-Yang Hsu, and Neehar D. Parikh. “Outcomes after Hepatic Encephalopathy in Population-Based Cohorts of Patients with Cirrhosis.” *Alimentary Pharmacology & Therapeutics* 51, no. 12 (June 2020): 1397–1405. <https://doi.org/10.1111/apt.15749>.

PROFFESIONAL EXPERIENCE

Statistician Intermediate at Michigan Medicine, Ann Arbor, MI
Part-time student worker from January 2020 to April 2021. Full-time statistician from July 2021 to June 2022. Worked on observational studies for cirrhosis progressions and treatments.

Teaching Assistant at China House, Beijing, China
January 2019 to June 2019. Worked on course development for high school students on research skills and led them to practice on real research projects.

Data Analyst Internship at Affect Health, Boston, MA
Summer intern from July to August 2018. Fall-term intern from September to December 2018. Worked on policy analysis on mental health care and conducted data analysis on mental health activist groups for target marketing.

SKILLS

Proficient in **R** and **Python**. Intermediate proficiency in **SAS**.

Other

Asian Studies Initiative at Boston University, President.

Fall 2016 – Fall 2017