

## Haiwen Gui

MD Student with Scholarly Concentration in Informatics & Data-Driven Medicine /  
Quality Improvement, expected graduation Spring 2025

### Publications

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#### PUBLICATIONS

- **Real-world agreement of same-visit Tono-Pen vs Goldmann applanation intraocular pressure measurements using electronic health records.** *Heliyon*  
Gui, H., Zhang, Y., Chang, R. T., Wang, S. Y.  
2023; 9 (8): e18703
- **Prevalence of Contact Allergens in Natural Skin Care Products From US Commercial Retailers.** *JAMA dermatology*  
Young, P. A., Gui, H., Bae, G. H.  
2022
- **Fatty Acid Synthesis Knockdown Promotes Biofilm Wrinkling and Inhibits Sporulation in *Bacillus subtilis*.** *mBio*  
Arjes, H. A., Gui, H., Porter, R., Atolia, E., Peters, J. M., Gross, C., Kearns, D. B., Huang, K. C.  
2022: e0138822
- **New-onset pemphigus vegetans and pemphigus foliaceus following SARS-CoV-2 vaccination: a case series.** *JAAD case reports*  
Gui, H., Young, P. A., Sox, J., Pol-Rodriguez, M., Rieger, K. E., Lewis, M. A., Winge, M. C., Bae, G. H.  
2022
- **Explaining Deep Learning Models for Low Vision Prognosis**  
Gui, H., Tseng, B., Hu, W., Wang, S. Y.  
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
- **Looking for low vision: Predicting visual prognosis by fusing structured and free-text data from electronic health records.** *International journal of medical informatics*  
Gui, H., Tseng, B., Hu, W., Wang, S. Y.  
1800; 159: 104678
- **Types of information that patients with lung cancer with targetable driver mutations and their caregivers learn from online forums: Results of a qualitative study**  
Petrillo, L. A., Zhou, A., Gui, H., Sommer, R., Lin, J., Nipp, R., Traeger, L., Greer, J. A., Temel, J. S.  
LIPPINCOTT WILLIAMS & WILKINS.2021
- **Three-dimensional biofilm colony growth supports a mutualism involving matrix and nutrient sharing.** *eLife*  
Arjes, H. A., Willis, L., Gui, H., Xiao, Y., Peters, J., Gross, C., Huang, K. C.  
2021; 10