

## Yemisi Deborah Joseph

MD Student with Scholarly Concentration in Informatics & Data-Driven  
Medicine, expected graduation Spring 2027

### Publications

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#### PUBLICATIONS

- **Paired Biomechanical Comparison of Cortical and Traditional Pedicle Screw Constructs Under Cyclic Loading in a Severely Destabilized Lumbar Spine Model.** *Spine*  
Swinford, S. T., Yoseph, E. T., Johnston, T. R., Koltsov, J., Behn, A. W., Joseph, Y. D., Alamin, T. F.  
2025
- **Hand Osteoarthritis: Molecular Mechanisms, Randomized Controlled Trials, and the Future of Targeted Treatment.** *International journal of molecular sciences*  
Joseph, Y. D., Ladd, A. L., Bhutani, N.  
2025; 26 (10)
- **Patient Acceptance of Reoperation Risk for Lumbar Decompression Versus Fusion.** *The spine journal : official journal of the North American Spine Society*  
Pius, A. K., Joseph, Y. D., Mullis, D. M., Koduri, J., Levin, J., Alamin, T. F.  
2024