



## Gabriella (Gaby) Brigitte Smith

MD Student with Scholarly Concentration in Clinical Research / Surgery,  
expected graduation Spring 2028

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### Bio

#### BIO

Gaby is pursuing an MD/MBA at Stanford as a Knight-Hennessy Scholar. She graduated Summa Cum Laude and Phi Beta Kappa from Washington University in St. Louis with a bachelor's degree in biochemistry. She is interested in orthopaedic surgery with research in pediatric osteonecrosis, postoperative pain management, and carpometacarpal osteoarthritis.

#### HONORS AND AWARDS

- Knight-Hennessy Scholar, Knight-Hennessy Scholars Program (2023 - Present)
- Phi Beta Kappa, Washington University in St. Louis (2022)
- Summa Cum Laude, Washington University in St. Louis (2022)
- Harriet K. Switzer Leadership Award, The Women's Society of Washington University (2022)

#### EDUCATION AND CERTIFICATIONS

- BA, Washington University in St. Louis , Biochemistry (2022)

#### LINKS

- Knight-Hennessy Scholars Profile: <https://knight-hennessy.stanford.edu/people/gabriella-smith>
- Ladd Lab: <https://med.stanford.edu/ladd-lab/about1/lab-members.html>

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### Research & Scholarship

#### LAB AFFILIATIONS

- Amy Ladd (11/1/2023)
- Kevin Shea (10/1/2023)

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### Publications

#### PUBLICATIONS

- **National Surgical Incidence and Sociodemographic Differences for Pediatric Polydactyly of the Hand.** *Hand (New York, N.Y.)*  
Young, B., Smith, G. B., Titan, A. L., Kenney, D. E., Ladd, A. L.  
2026: 15589447261437827
- **Patient Perceptions Regarding Opioid Use: Factors Influencing Participation in a Postoperative Pain Management Randomized Controlled Trial after Carpometacarpal Arthroplasty.** *Hand (New York, N.Y.)*  
Smith, G. B., Titan, A. L., Kenney, D. E., Reitz, R., Pham, N. S., Yao, J., Ladd, A. L.

2026: 15589447261437834

- **Evaluating ChatGPT's Ability to Answer Common Parent Questions on Avascular Necrosis in Children** *HSS JOURNAL*  
Smith, G. B., Hofmann, G. H., Gussner, A. V., Duru, N. O., Laureano, T. A., Meadows, M. C., Chan, C., Shea, K. G.  
2026
- **Incidence and Risk Factors for Soft Tissue Hand and Wrist Conditions in Pregnancy and Postpartum.** *Journal of hand surgery global online*  
Smith, G. B., Young, B., Titan, A. L., Kenney, D. E., Ladd, A. L.  
2025; 7 (5): 100778
- **Risk Factors for Corticosteroid-associated Osteonecrosis in Children: A National Database Study.** *Journal of the Pediatric Orthopaedic Society of North America*  
Smith, G. B., Pham, N. S., Alayleh, A., Smith, S., Chao, K., Goodman, S. B., Shea, K. G.  
2025; 12: 100199
- **The Founders' 400 and Chicago Perinatal Origins of Disease study protocol: Following a prospective, longitudinal cohort from early pregnancy through two years of postnatal life.** *PloS one*  
Fisher, S. A., Branche, T. N., Akel, M. J., Dwyer, J., Smith, G., Hamvas, A., Yee, L. M., Seed, P. C., Mithal, L. B.  
2025; 20 (9): e0332928
- **Parental Perceptions of Early Childhood In-Home Research with Monitoring: A Qualitative Study.** *The Journal of pediatrics*  
Smith, G. B., Jones, M. D., Akel, M. J., Barrera, L., Heffernan, M., Seed, P., Macy, M. L., Fisher, S. A., Mithal, L. B.  
2024: 114437
- **Factors Influencing Parental Willingness to Consent to a Survey Study for Patients in the Pediatric Emergency Department.** *Pediatric emergency care*  
Fischer, K., Smith, G. B., Luna, S. E., Jamro-Comer, E., Leupold, O., Ahmed, H., Govindji, S., Ahmad, F.  
2024
- **Single-cell transcriptomics reveals cell-type-specific diversification in human heart failure.** *Nature cardiovascular research*  
Koenig, A. L., Shchukina, I., Amrute, J., Andhey, P. S., Zaitsev, K., Lai, L., Bajpai, G., Bredemeyer, A., Smith, G., Jones, C., Terrebonne, E., Rentschler, S. L., Artyomov, et al  
2022; 1 (3): 263-280