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ACADEMIC CONTACT INFORMATION

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Bio

CLINICAL FOCUS

- General Surgery

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Surgery - General Surgery

PROFESSIONAL EDUCATION

- Board Certification: Surgical Critical Care, American Board of Surgery (2024)
- Fellowship: Stanford University Surgical Critical Care Fellowship (2024) CA
- Board Certification: General Surgery, American Board of Surgery (2023)
- Residency: New York University Surgery Residency (2023) NY
- Medical Education: University of Pittsburgh School of Medicine (2018) PA

Publications

PUBLICATIONS

- **Operative Complexity and Surgical Episode Payments Among Private Payers.** *JAMA surgery*
  Guorgui, J., Grab, J. D., Arnow, K., Wang, S., Wagner, T. H., Knowlton, L. M.
  2026

- **Comparative Evaluation of Large Language Models for Surgical Case Creation.** *Journal of surgical education*
  Gan, C. Y., Chan, M., Sharma, N., Wang, S., Flynn, L., Melcer, E., Liebert, C., Lin, D. T., Parker, A., Pratt, M.
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- **Surgical Infection Society Guidelines on Antibacterial and Antifungal Prophylaxis in Liver Transplantation.** *Surgical infections*
  Wang, S., Bendjemil, S. M., Bonatti, H., Chiu, W. C., Huston, J. M., Jensen, A. R., Ozhathil, D. K., Forrester, J. D.
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- **BREAKING DOWN THE EVIDENCE: A MULTICENTER ANALYSIS OF VENOUS THROMBOEMBOLISM AMONG TRAUMA PATIENTS WITH LOWER EXTREMITY FRACTURES.** *Journal of orthopaedic trauma*
  Knowlton, L. M., Guorgui, J. G., Wang, S., Arnow, K., Knudson, M. M.
  2026

- **Lost fractures: prevalence and risk factors for missed costosternal and costal cartilage fractures among patients with radiologic chest wall injury.** *Trauma surgery & acute care open*
  Forrester, J. D., Abou Chaar, M., Barnes, A. T., Bauman, Z. M., Bendjemil, S., Betts, N. N., Christie, B., Dasari, R., Wb, D., Earley, M. J., Faliks, B., Johns, T. J., Johnson, et al
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- **Chilling the nerve, easing the pain?: A randomized clinical trial evaluating surgeon-administered bedside percutaneous cryoneurolysis for rib fracture pain.** *The journal of trauma and acute care surgery*
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- **Evaluating Financial Toxicity and Quality of Life Among Acute Care Surgery Patients: A Mixed-Methods Study.** *Journal of the American College of Surgeons*
  Kennedy, C., Wang, S., Chen, J., Flojo, R., King, J., Arnow, K., Earley, M., Abreo, A., Knowlton, L. M., S-SPIRE Qualitative Study Team
  2025

- **Ultrasound-guided percutaneous cryoneurolysis of intercostal nerves in traumatic rib fractures.** *Injury*
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- **Medicaid Enrollment After Hospital Presumptive Eligibility in the Emergency Department.** *JAMA health forum*
  Wang, S., Arnow, K., Sakamoto, M. M., Knowlton, L. M.
  2025; 6 (4): e250768

- **The role of respiratory therapy in rib fracture management.** *Current problems in surgery*
  Anderson, T. N., Wang, S., Free, D., Forrester, J. D.
  2024; 61 (12): 101664

- **Percutaneous cryoneurolysis: new kid on the rib fracture pain 'Block'.** *Trauma surgery & acute care open*
  Wang, S., Myers, A. A., Forrester, J. D.
  2024; 9 (1): e001575

- **Percutaneous Cryoneurolysis for Pain Control After Rib Fractures in Older Adults.** *JAMA surgery*
  Wang, S., Earley, M., Kesselman, A., Vezeridis, A. M., Picel, A. C., Kothary, N., Forrester, J. D.
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- **Small bowel obstruction due to a migrated pyloric stent.** *Trauma surgery & acute care open*
  Agolia, J. P., Wang, S., Fisher, A., Bryan, J. L., Knowlton, L. M.
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- **Severe intracranial and intra-abdominal hemorrhage: timing is everything.** *Trauma surgery & acute care open*
  Farooqi, N. B., Wong, S. Y., Wang, S., Knowlton, L. M.
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- **Prolonged Ischemia Increases Complications Among High- and Low-Volume Centers in Lung Transplantation** *ANNALS OF THORACIC SURGERY*
  Wadowski, B. J., Wang, S., Angel, L. F., Geraci, T. C., Chan, J. C. Y., Chang, S. H.
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- **Protein arginine methyltransferase 1 is a novel regulator of MYCN in neuroblastoma** *ONCOTARGET*
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- **Cell Line-Dependent Variability of Coordinate Expression of p75NTR and CRABP1 and Modulation of Effects of Fenretinide on Neuroblastoma Cells** *OXIDATIVE MEDICINE AND CELLULAR LONGEVITY*
  Yang, Y., Wang, S., Li, X., Schor, N. F.

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