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Kirsten Rhee Steffner

Instructor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia Department**

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Bio

CLINICAL FOCUS

- Anesthesia

ACADEMIC APPOINTMENTS

- Instructor, Anesthesiology, Perioperative and Pain Medicine
- Member, Cardiovascular Institute

PROFESSIONAL EDUCATION

- Fellowship: New York Presbyterian Hospital Weill Cornell (2017) NY
- Fellowship: Columbia University Critical Care Medicine Fellowship (2016) NY
- Residency: UCSF Anesthesiology Fellowships (2015) CA
- Internship: UC Davis Internal Medicine Residency (2012) CA
- Medical Education: Pritzker School of Medicine University of Chicago Registrar (2011) IL
- Board Certification: Anesthesia, American Board of Anesthesiology (2016)
- Board Certification: Advanced Perioperative Transesophageal Echocardiography, National Board of Echocardiography (2018)
- Board Certification: Critical Care Medicine, American Board of Anesthesiology (2016)

Publications

PUBLICATIONS

- **Red teaming ChatGPT in medicine to yield real-world insights on model behavior.** *NPJ digital medicine*

  Chang, C. T., Farah, H., Gui, H., Rezaei, S. J., Bou-Khalil, C., Park, Y. J., Swaminathan, A., Omiye, J. A., Kolluri, A., Chaurasia, A., Lozano, A., Heiman, A., Jia, et al

  2025; 8 (1): 149

- **The Association of Echocardiographically Measured Donor Left Ventricular Mass and 1-Year Outcomes After Heart Transplantation.** *JACC. Heart failure*

  O'Donnell, C., Tapaskar, N., Sanchez, P. A., Wayda, B., Santana, E. J., Pulgrossi, R. C., Steffner, K., Zhang, S., Weng, Y., Sun, L. Y., Malinoski, D., Zaroff, J., Haddad, et al

  2024

- **Patient attitudes toward the AI doctor.** *Nature medicine*
  Fanous, A., Steffner, K., Daneshjou, R.
  2024
- **Artificial Intelligence in Perioperative Care: Opportunities and Challenges.** *Anesthesiology*
  Han, L., Char, D. S., Aghaeepour, N.
  2024; 141 (2): 379-387
- **Overview and Clinical Applications of Artificial Intelligence and Machine Learning in Cardiac Anesthesiology.** *Journal of cardiothoracic and vascular anesthesia*
  Mathis, M., Steffner, K. R., Subramanian, H., Gill, G. P., Girardi, N. I., Bansal, S., Bartels, K., Khanna, A. K., Huang, J.
  2024
- **Deep learning for transesophageal echocardiography view classification.** *Scientific reports*
  Steffner, K. R., Christensen, M., Gill, G., Bowdish, M., Rhee, J., Kumaresan, A., He, B., Zou, J., Ouyang, D.
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