



## Chris Rishel

Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

 Curriculum Vitae available Online

### CLINICAL OFFICE (PRIMARY)

- **Anesthesia**

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### Bio

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### CLINICAL FOCUS

- Anesthesia
- Neurosurgical anesthesia

### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine
- Member, Wu Tsai Neurosciences Institute

### PROFESSIONAL EDUCATION

- Board Certification: Basic Perioperative Transesophageal Echocardiography, National Board of Echocardiography (2018)
- Internship: University of Chicago Hospitals Internal Medicine Residency (2016) IL
- Fellowship: Stanford University Anesthesiology Fellowships (2022) CA
- Board Certification: Anesthesia, American Board of Anesthesiology (2022)
- Fellowship, Stanford University , Neurosurgical Anesthesia (2022)
- Residency, Stanford University , Anesthesiology (2019)
- Internship, The University of Chicago , Internal Medicine (2016)
- MD, The University of Chicago , Medicine (2015)
- PhD, The University of Chicago , Computational Neuroscience (2012)
- BA, The University of Illinois at Urbana-Champaign , Chemistry (2007)
- BS, The University of Illinois at Urbana-Champaign , Computer Science (2007)

## Publications

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### PUBLICATIONS

- **Association Between Naloxone Co-Prescription Mandates and Post-Operative Outcomes.** *Annals of surgery*  
Du, A. L., Rishel, C. A., Sun, E. C.  
2023
- **Association Between Changes in Postoperative Opioid Utilization and Long-Term Health Care Spending Among Surgical Patients With Chronic Opioid Utilization.** *Anesthesia and analgesia*  
Sun, E. C., Rishel, C. A., Jena, A. B.  
2022; 134 (3): 515-523
- **Preoperative Opioid Utilization Patterns and Postoperative Opioid Utilization: A Retrospective Cohort Study.** *Anesthesiology*  
Rishel, C. A., Angst, M. S., Sun, E. C.  
2021; 135 (6): 1015-1026
- **Association Between State Limits on Opioid Prescribing and the Incidence of Persistent Postoperative Opioid Use Among Surgical Patients.** *Annals of surgery*  
Sun, E. C., Rishel, C. A., Waljee, J. F., Brummett, C. M., Jena, A. B.  
2021
- **Association Between Preoperative Benzodiazepine Use and Postoperative Opioid Use and Health Care Costs.** *JAMA network open*  
Rishel, C. A., Zhang, Y., Sun, E. C.  
2020; 3 (10): e2018761
- **Association between the Trajectory of Preoperative Opioid Use and Postoperative Opioid Use, Adverse Events, and Economic Outcomes: A Retrospective Analysis**  
Rishel, C. A., Angst, M. S., Sun, E.  
LIPPINCOTT WILLIAMS & WILKINS.2020: 786–89
- **Association of Overlapping Surgery With Perioperative Outcomes.** *JAMA*  
Sun, E. n., Mello, M. M., Rishel, C. A., Vaughn, M. T., Kheterpal, S. n., Saager, L. n., Fleisher, L. A., Damrose, E. J., Kadry, B. n., Jena, A. B.  
2019; 321 (8): 762–72
- **Association of Early Physical Therapy With Long-term Opioid Use Among Opioid-Naive Patients With Musculoskeletal Pain** *Jama Network Open*  
Sun, E. C., Moshfegh, J., Rishel, C. A., Cook, C. E., Goode, A. P., George, S. Z.  
2018; 1 (8)
- **Independent Category and Spatial Encoding in Parietal Cortex** *NEURON*  
Rishel, C. A., Huang, G., Freedman, D. J.  
2013; 77 (5): 969–79
- **A Unified Platform for Archival Description and Access**  
Prom, C. J., Rishel, C. A., Schwartz, S. W., Fox, K. J., Larson, R., Rasmussen, E., Sugimoto, S., Toms, E.  
ASSOC COMPUTING MACHINERY.2007: 157–+