



## Ross Fleischman

Clinical Professor, Emergency Medicine

### CLINICAL OFFICE (PRIMARY)

- **Stanford Adult Emergency Department**

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### Bio

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#### BIO

Ross joined the Department of Emergency Medicine in September as a Clinical Professor. He was previously at Harbor-UCLA Medical Center and the UCLA David Geffen School of Medicine, bringing extensive experience in electronic health record implementation, research informatics, wilderness medicine, and disaster preparedness and response. His academic interests include cancer emergencies, the use of electronic health record data for research, and advancing research by medical students, residents, and fellows.

#### CLINICAL FOCUS

- Emergency Medicine

#### ACADEMIC APPOINTMENTS

- Clinical Professor, Emergency Medicine

#### PROFESSIONAL EDUCATION

- Board Certification: Clinical Informatics, American Board of Preventive Medicine (2018)
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2009)
- Residency: Oregon Health and Science University (2008) OR
- Medical Education: Stanford University Medical School (2005) CA

### Publications

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#### PUBLICATIONS

- **Nonoperative Treatment of Appendicitis and Implications for Emergency Department Management: A Narrative Review.** *Annals of emergency medicine*  
Talan, D. A., Moran, G. J., Machado-Aranda, D., Chiang, W. K., Faine, B. A., Fleischman, R., Hoyt, D. B., Jones, A. E., Sabbatini, A., Yealy, D. M., Yu, J. T., Saltzman, D. J.  
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- **Elimination of the Opioid Sliding Scale Is Associated with Improved Opioid Stewardship Metrics.** *Joint Commission journal on quality and patient safety*

- DeUgarte, D. A., Fleischman, R. J., Trotsky, R., Moubarak, G., Vu, D., Gordon, H., Huynh, P., Amaya, R.  
2026
- **Association of residency application data with subsequent general surgery residency graduate performance.** *Surgery*  
Purdy, A. C., Amersi, F., Calhoun, K. E., Tolles, J., Dauphine, C., Neville, A. L., Salcedo, E. S., Dickinson, K. J., Han, A. Y., Smith, B. R., Roy, M., Joppru, K. T., Frey, et al  
2025; 180: 109057
  - **Correlation Between Medical School Performance and Receiving Awards in General Surgery Residency.** *Journal of surgical education*  
Ugarte, R., de Virgilio, C., Purdy, A. C., Tolles, J., Fleischman, R. J., Singer, G., Smith, B. R., Amersi, F., Roy, M., Jarman, B. T., Han, A. Y., Dickinson, K. J., Salcedo, et al  
2024; 81 (12): 103250
  - **Process and Impact of Development of an Adolescent Emergency Psychiatry Unit at a Large Urban Hospital.** *Pediatric emergency care*  
Claudius, I., Tolles, J., Fleischman, R., Muller, V., Padlipsky, P., Kelly, P., Saidinejad, M.  
2024; 40 (8): 598-602
  - **Association of Residency Applicants' Hobbies and Subsequent Technical Proficiency Ratings as General Surgery Chief Residents: A Multi-Institutional Study.** *Journal of surgical education*  
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2024; 81 (3): 339-343
  - **The Effect of Language on the Decision to Image in the Evaluation of Atraumatic Headache.** *The Journal of emergency medicine*  
Preston-Suni, K., Fleischman, R. J., Garrett, A., Yadav, K.  
2024; 66 (3): e323-e330
  - **Assessment of an Opioid Stewardship Program on Perioperative Opioid Prescribing in a Safety-Net Health System.** *JAMA surgery*  
DeUgarte, D. A., Fleischman, R., Mccollough, M., Ault, G., Rolfe, K., de Virgilio, C.  
2023; 158 (3): 318-319
  - **Characteristics Associated With Outstanding General Surgery Residency Graduate Performance, as Rated by Surgical Educators.** *JAMA surgery*  
Purdy, A. C., Smith, B. R., Amersi, F., Calhoun, K. E., Tolles, J., Dauphine, C., Holloway, J., Roy, M., Jarman, B. T., Han, A. Y., Neville, A. L., Dickinson, K. J., Salcedo, et al  
2022; 157 (10): 918-924
  - **Establishing a research informatics program in a public healthcare system: a case report with model documents.** *Journal of the American Medical Informatics Association : JAMIA*  
Meeker, D., Fu, P., Garcia, G., Dyer, I. E., Yadav, K., Fleishman, R., Yee, H. F.  
2022; 29 (4): 694-700
  - **Machine Learning and Precision Medicine in Emergency Medicine: The Basics.** *Cureus*  
Lee, S., Lam, S. H., Hernandes Rocha, T. A., Fleischman, R. J., Staton, C. A., Taylor, R., Limkakeng, A. T.  
2021; 13 (9): e17636
  - **A Randomized Trial Comparing Antibiotics with Appendectomy for Appendicitis** *NEW ENGLAND JOURNAL OF MEDICINE*  
Flum, D. R., Davidson, G. H., Monsell, S. E., Shapiro, N. I., Odom, S. R., Sanchez, S. E., Drake, F., Fischkoff, K., Johnson, J., Patton, J. H., Evans, H., Cuschieri, J., Sabbatini, et al  
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  - **Epidemiology of Admissions From the Emergency Department Among Febrile Infants Younger Than 90 Days in the United States, 2002 to 2012.** *Pediatric emergency care*  
Nguyen, D. K., Fleischman, R. J., Friedlander, S., Zangwill, K. M.  
2020; 36 (8): e438-e446
  - **A randomized trial of a behavioral intervention to decrease hospital length of stay by decreasing bedrest.** *PloS one*  
Tolles, J., Waterman, G., Coffey, C. E., Sandoval, R., Fleischman, R. J., Hess, M., Sarff, L., Lewis, R. J., Spellberg, B.  
2020; 15 (1): e0226332
  - **A Multifaceted Intervention Improves Prescribing for Acute Respiratory Infection for Adults and Children in Emergency Department and Urgent Care Settings.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*

- Yadav, K., Meeker, D., Mistry, R. D., Doctor, J. N., Fleming-Dutra, K. E., Fleischman, R. J., Gaona, S. D., Stahmer, A., May, L.  
2019; 26 (7): 719-731
- **Resident Clinical Experience in the Emergency Department: Patient Encounters by Postgraduate Year.** *AEM education and training*  
Douglass, A., Yip, K., Lumanauw, D., Fleischman, R. J., Jordan, J., Tanen, D. A.  
2019; 3 (3): 243-250
  - **Length of Stay and Complications Associated With Febrile Infants <90 Days of Age Hospitalized in the United States, 2000-2012.** *Hospital pediatrics*  
Nguyen, D. K., Friedlander, S., Fleischman, R. J., Zangwill, K. M.  
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  - **Impact of individual clinical outcomes on trial participants' perspectives on enrollment in emergency research without consent** *CLINICAL TRIALS*  
Whitesides, L. W., Baren, J. M., Biros, M. H., Fleischman, R. J., Govindarajan, P. R., Jones, E. B., Pancioli, A. M., Pentz, R. D., Scicluna, V. M., Wright, D. W., Dickert, N. W.  
2017; 14 (2): 180-186
  - **Accuracy of the Broselow Tape in South Sudan, "The Hungriest Place on Earth".** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*  
Clark, M. C., Lewis, R. J., Fleischman, R. J., Ogunniyi, A. A., Patel, D. S., Donaldson, R. I.  
2016; 23 (1): 21-8
  - **Test characteristics of quick brain MRI for shunt evaluation in children: an alternative modality to avoid radiation.** *Journal of neurosurgery. Pediatrics*  
Yue, E. L., Meckler, G. D., Fleischman, R. J., Selden, N. R., Bardo, D. M., Chu O'Connor, A. K., Vu, E. T., Fu, R., Spiro, D. M.  
2015; 15 (4): 420-6
  - **Patients' perspectives of enrollment in research without consent: the patients' experiences in emergency research-progesterone for the treatment of traumatic brain injury study\*.** *Critical care medicine*  
Dickert, N. W., Scicluna, V. M., Baren, J. M., Biros, M. H., Fleischman, R. J., Govindarajan, P. R., Jones, E. B., Pancioli, A. M., Wright, D. W., Pentz, R. D.  
2015; 43 (3): 603-12
  - **A simple intervention to improve hospital flow from emergency department to inpatient units.** *JAMA internal medicine*  
Fleischman, R. J., Kaji, A. H., Diaz, V. M., McKenzie, K., Soltero, P., Van Natta, T. L., Spellberg, B.  
2015; 175 (2): 289-90
  - **Evaluation of a novel pediatric appendicitis pathway using high- and low-risk scoring systems.** *Pediatric emergency care*  
Fleischman, R. J., Devine, M. K., Yagapen, M. N., Steichen, A. J., Hansen, M. L., Zigman, A. F., Spiro, D. M.  
2013; 29 (10): 1060-5
  - **The Cost Of Overtriage: More Than One-Third Of Low-Risk Injured Patients Were Taken To Major Trauma Centers** *HEALTH AFFAIRS*  
Newgard, C. D., Staudenmayer, K., Hsia, R. Y., Mann, N. C., Bulger, E. M., Holmes, J. F., Fleischman, R., Gorman, K., Haukoos, J., McConnell, K. J.  
2013; 32 (9): 1591-1599
  - **Predicting ambulance time of arrival to the emergency department using global positioning system and Google maps.** *Prehospital emergency care : official journal of the National Association of EMS Physicians and the National Association of State EMS Directors*  
Fleischman, R. J., Lundquist, M., Jui, J., Newgard, C. D., Warden, C.  
2013; 17 (4): 458-65
  - **The trade-offs in field trauma triage: A multiregion assessment of accuracy metrics and volume shifts associated with different triage strategies** *JOURNAL OF TRAUMA AND ACUTE CARE SURGERY*  
Newgard, C. D., Hsia, R. Y., Mann, N. C., Schmidt, T., Sahni, R., Bulger, E. M., Wang, N. E., Holmes, J. F., Fleischman, R., Zive, D., Staudenmayer, K., Haukoos, J. S., Kuppermann, et al  
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  - **The association between hospital type and mortality among critically ill children in US EDs.** *Resuscitation*  
Hansen, M., Fleischman, R., Meckler, G., Newgard, C. D.  
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- **Is futile care in the injured elderly an important target for cost savings?** *The journal of trauma and acute care surgery*  
Fleischman, R. J., Mullins, R. J., McConnell, K. J., Hedges, J. R., Ma, O. J., Newgard, C. D.  
2012; 73 (1): 146-51
- **Deciphering the use and predictive value of "emergency medical services provider judgment" in out-of-hospital trauma triage: A multisite, mixed methods assessment** *JOURNAL OF TRAUMA AND ACUTE CARE SURGERY*  
Newgard, C. D., Kampp, M., Nelson, M., Holmes, J. F., Zive, D., Rea, T., Bulger, E. M., Liao, M., Sherck, J., Hsia, R. Y., Wang, N. E., Fleischman, R. J., Barton, et al  
2012; 72 (5): 1239-1248
- **A Multisite Assessment of the American College of Surgeons Committee on Trauma Field Triage Decision Scheme for Identifying Seriously Injured Children and Adults** *JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS*  
Newgard, C. D., Zive, D., Holmes, J. F., Bulger, E. M., Staudenmayer, K., Liao, M., Rea, T., Hsia, R. Y., Wang, N. E., Fleischman, R., Jui, J., Mann, N. C., Haukoos, et al  
2011; 213 (6): 709-721
- **Basic life support instructor training: comparison of instructor-led and self-guided training.** *Journal for nurses in staff development : JNSD : official journal of the National Nursing Staff Development Organization*  
Einspruch, E. L., Lembach, J., Lynch, B., Lee, W., Harper, R., Fleischman, R. J.  
2011; 27 (3): E4-9
- **Trauma in the neighborhood: a geospatial analysis and assessment of social determinants of major injury in North America.** *American journal of public health*  
Newgard, C. D., Schmicker, R. H., Sopko, G. n., Andrusiek, D. n., Bialkowski, W. n., Minei, J. P., Brasel, K. n., Bulger, E. n., Fleischman, R. J., Kerby, J. D., Bigham, B. L., Warden, C. R.  
2011; 101 (4): 669-77
- **Matching Trauma Triage Criteria to Adult Age: Development of Field Triage Guidelines for Identifying High-Risk Young and Older Adults**  
Newgard, C., Zive, D., Bulger, E., Rea, T., Fleischman, R., Staudenmayer, K., Liao, M., Schmidt, T., Wittwer, L., Hsia, R., Barton, E., Holmes, J. LIPPINCOTT WILLIAMS & WILKINS.2010
- **Development of a Pediatric Field Trauma Triage Algorithm for Identifying Children With Serious Injuries or Need for Major Surgical Intervention**  
Newgard, C., Rea, T., Bulger, E., Fleischman, R., Wang, E., Hsia, R., Warden, C., Liao, M., Sahni, R., Mann, C., Kuppermann, N., WESTRN Investigators  
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- **The optimum follow-up period for assessing mortality outcomes in injured older adults.** *Journal of the American Geriatrics Society*  
Fleischman, R. J., Adams, A. L., Hedges, J. R., Ma, O. J., Mullins, R. J., Newgard, C. D.  
2010; 58 (10): 1843-9
- **Injury hospitalization as a marker for emergency medical services use in elderly patients.** *Prehospital emergency care : official journal of the National Association of EMS Physicians and the National Association of State EMS Directors*  
Fleischman, R. J., McConnell, K. J., Adams, A. L., Hedges, J. R., Newgard, C. D.  
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- **Effectiveness and safety of fentanyl compared with morphine for out-of-hospital analgesia.** *Prehospital emergency care : official journal of the National Association of EMS Physicians and the National Association of State EMS Directors*  
Fleischman, R. J., Frazer, D. G., Daya, M., Jui, J., Newgard, C. D.  
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- **Validation of length of hospital stay as a surrogate measure for injury severity and resource use among injury survivors.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*  
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- **Antigen-specific accumulation of naïve, memory and effector CD4 T cells during anterior uveitis monitored by intravital microscopy.** *Cellular immunology*  
Dullforce, P. A., Seitz, G. W., Garman, K. L., Michael, J. A., Crespo, S. M., Fleischman, R. J., Planck, S. R., Parker, D. C., Rosenbaum, J. T.  
2006; 239 (1): 49-60
- **APCs in the anterior uveal tract do not migrate to draining lymph nodes.** *Journal of immunology (Baltimore, Md. : 1950)*  
Dullforce, P. A., Garman, K. L., Seitz, G. W., Fleischmann, R. J., Crespo, S. M., Planck, S. R., Parker, D. C., Rosenbaum, J. T.  
2004; 172 (11): 6701-8
- **Immunohistology of antigen-presenting cells in vivo: a novel method for serial observation of fluorescently labeled cells.** *Investigative ophthalmology & visual science*  
Becker, M. D., Planck, S. R., Crespo, S., Garman, K., Fleischman, R. J., Dullforce, P., Seitz, G. W., Martin, T. M., Parker, D. C., Rosenbaum, J. T.  
2003; 44 (5): 2004-9
- **Validating the Use of ICD-9 Code Mapping to Generate Injury Severity Scores.** *Journal of trauma nursing : the official journal of the Society of Trauma Nurses*  
Fleischman, R. J., Mann, N. C., Dai, M. n., Holmes, J. F., Wang, N. E., Haukoos, J. n., Hsia, R. Y., Rea, T. n., Newgard, C. D.  
; 24 (1): 4-14