

# Stanford

---



## Dalton Brunson, MSc

MD Student with Scholarly Concentration in Clinical Research, expected graduation Spring 2025

### Bio

---

#### MEMBERSHIP ORGANIZATIONS

- EMIG: Emergency Medicine Interest Group, Co-lead

#### EDUCATION AND CERTIFICATIONS

- Bachelor of Arts, Harvard University (2020)
- Master of Science, Stanford University , EPIDM-MS (2024)
- BA, Harvard University , Human Developmental and Regenerative Biology (2019)

#### CLERKSHIPS

- 2024 Winter - EMED 301A Emergency Medicine Core Clerkship Emergency Medicine
- 2023 Autumn - FAMMED 301A Family Medicine Core Clerkship Family & Community Medicine
- 2023 Autumn - MED 300A Internal Medicine Core Clerkship Medicine
- 2023 Spring - MED 313A Ambulatory Medicine Core Clerkship Medicine
- 2023 Spring - SURG 300A Surgery Core Clerkship Surgery
- 2023 Summer - EMED 312A Pediatric Emergency Medicine Emergency Medicine
- 2023 Summer - PEDS 300A Pediatrics Core Clerkship Pediatrics
- 2022 Summer - OBGYN 300A Obstetrics and Gynecology Core Clerkship Obstetrics and Gynecology

### Publications

---

#### PUBLICATIONS

- **Race and Ethnicity and Prehospital Use of Opioid or Ketamine Analgesia in Acute Traumatic Injury.** *JAMA network open*  
Brunson, D. C., Miller, K. A., Matheson, L. W., Carrillo, E.  
2023; 6 (10): e2338070
- **Factors associated with first-time and repeat blood donation: Adverse reactions and effects on donor behavior.** *Transfusion*  
Brunson, D. C., Belanger, G. A., Sussmann, H., Fine, A. M., Pandey, S., Pham, T. D.  
2022
- **Blood Donors Who Return after Adverse Reaction: Identifying Factors Associated with Future Adverse Reactions and Donor Behavior**  
Brunson, D., Belanger, G. A., Sussmann, H., Tho Pham  
WILEY.2021: 35A
- **Single-cell imaging of T cell immunotherapy responses in vivo.** *The Journal of experimental medicine*  
Yan, C., Yang, Q., Zhang, S., Millar, D. G., Alpert, E. J., Do, D., Veloso, A., Brunson, D. C., Drapkin, B. J., Stanzone, M., Scarfò, I., Moore, J. C., Iyer, et al

2021; 218 (10)

- **Single-cell imaging of human cancer xenografts using adult immunodeficient zebrafish** *NATURE PROTOCOLS*  
Yan, C., Do, D., Yang, Q., Brunson, D. C., Rawls, J. F., Langenau, D. M.  
2020; 15 (9): 3105-3128
- **PRL3 enhances T-cell acute lymphoblastic leukemia growth through suppressing T-cell signaling pathways and apoptosis** *LEUKEMIA*  
Garcia, E. G., Veloso, A., Oliveira, M. L., Allen, J. R., Loontjens, S., Brunson, D., Do, D., Yan, C., Morris, R., Iyer, S., Garcia, S. P., Iftimia, N., Van Loocke, et al  
2021; 35 (3): 679-690
- **Long-term Effects of an Evidence-based Guideline for Emergency Management of Pediatric Syncope.** *Pediatric quality & safety*  
Shanahan, K. H., Monuteaux, M. C., Brunson, D., Guse, S. E., Alexander, M. E., Porter, J. J., Neuman, M. I., Fine, A. M.  
2020; 5 (6): e361
- **Adult immune compromised zebrafish for xenograft cell transplantation studies** *EBIOMEDICINE*  
Yan, C., Yang, Q., Do, D., Brunson, D. C., Langenau, D. M.  
2019; 47: 24-26
- **Visualizing Engrafted Human Cancer and Therapy Responses in Immunodeficient Zebrafish** *CELL*  
Yan, C., Brunson, D. C., Tang, Q., Do, D., Iftimia, N. A., Moore, J. C., Hayes, M. N., Welker, A. M., Garcia, E. G., Dubash, T. D., Hong, X., Drapkin, B. J., Myers, et al  
2019; 177 (7): 1903-+