



Joelle Ivy Rosser

Assistant Professor of Medicine (Infectious Diseases)

Medicine - Infectious Diseases

CLINICAL OFFICE (PRIMARY)

- **Infectious Disease**

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Bio

CLINICAL FOCUS

- Infectious Disease

ACADEMIC APPOINTMENTS

- Assistant Professor, Medicine - Infectious Diseases

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Global Health Faculty Fellow, Center for Innovation in Global Health (CIGH) (2022 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Infectious Disease Fellowships (2022) CA
- Board Certification: Infectious Disease, American Board of Internal Medicine (2020)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2017)
- Residency: University of Washington Medical Center Dept of Medicine (2017) WA
- Medical Education: Emory University Medical School (2014) GA
- Fellowship, Stanford University , Infectious Diseases & Geographic Medicine (2022)
- MS, Stanford University , Epidemiology & Clinical Research (2021)
- DTM&H, Gorgas Memorial Institute of Tropical & Preventive Medicine , Tropical Medicine (2018)
- Board Certification, American Board of Internal Medicine (2017)
- Residency, University of Washington , Internal Medicine (2017)
- MD, Emory University , Medicine (2014)
- BA, University of California, San Diego , African Studies (2007)
- BS, University of California, San Diego , Human Biology (2007)

COMMUNITY AND INTERNATIONAL WORK

- FraCT-CoV-2: Immunogenicity and safety of fractional booster dose of COVID-19 vaccines available for use in Pakistan/Brazil: A phase 4 dose-optimizing trial
- Revitalising Informal Settlements and their Environments, Indonesia & Fiji
- Drones & Dengue
- Impact of COVID-19 on Essential Health Services in Zambia

LINKS

- Rosser Lab Homepage: <https://rosserlab.stanford.edu>

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Epidemiology (Masters Program)
- Infectious Diseases (Fellowship Program)

Publications

PUBLICATIONS

- **Top 5 Things Health Professions Students Should Know About Ecology and Waste Management.** *AMA journal of ethics*
Rosser, J. I., Lavery, O. X., Christofferson, R. C., Nasoro, J., Mutuku, F. M., LaBeaud, A. D.
2024; 26 (2): E132-141
- **Impact of the COVID-19 Pandemic on Tuberculosis Testing and Treatment at a Tertiary Hospital in Zambia.** *The American journal of tropical medicine and hygiene*
Rosser, J. I., Phiri, C., Bramante, J. T., Fwoloshi, S., Kankasa, C., Lungu, P., Chanda, R., Chipimo, P., Mulenga, L., Claassen, C. W., Chanda, D.
2023
- **Oral hymecromone decreases hyaluronan in human study participants.** *The Journal of clinical investigation*
Rosser, J. I., Nagy, N., Goel, R., Kaber, G., Demirdjian, S., Saxena, J., Bollyky, J. B., Frymoyer, A. R., Pacheco-Navarro, A. E., Burgener, E. B., Rajadas, J., Wang, Z., Arbach, et al
2022; 132 (9)
- **Reemergence of yellow fever virus in southeastern Brazil, 2017-2018: What sparked the spread?** *PLoS neglected tropical diseases*
Rosser, J. I., Nielsen-Saines, K., Saad, E., Fuller, T.
2022; 16 (2): e0010133
- **The Effect of Healthcare Worker Density on Maternal Health Service Utilization in Sub-Saharan Africa.** *The American journal of tropical medicine and hygiene*
Rosser, J. I., Aluri, K. Z., Kempinsky, A., Richardson, S., Bendavid, E.
2022; 106 (3): 939-944
- **Case-control study evaluating risk factors for SARS-CoV-2 outbreak amongst healthcare personnel at a tertiary care center.** *American journal of infection control*
Rosser, J. I., Tayyar, R., Giardina, R., Kolonoski, P., Kenski, D., Shen, P., Steinmetz, L. M., Hung, L., Xiao, W., Bains, K., Morrison, T., Madison, A., Chang, et al
2021
- **Retrospective Review of Virologic and Immunologic Response in Treatment-Experienced Patients on Third-Line HIV Therapy in Lusaka, Zambia.** *Journal of the International Association of Providers of AIDS Care*
Zulu, P. M., Toeque, M., Hachaambwa, L., Chirwa, L., Fwoloshi, S., Siwingwa, M., Mbewe, M., Rosser, J. I., Stafford, K. A., Lindsay, B., Mulenga, L., Claassen, C. W.
2021; 20: 23259582211022463
- **SARS-CoV-2 Seroprevalence in Healthcare Personnel in Northern California Early in the COVID-19 Pandemic.** *Infection control and hospital epidemiology*
Rosser, J. I., Roltgen, K., Dymock, M., Shepard, J., Martin, A., Hogan, C. A., Blomkalns, A., Mathew, R., Parsonnet, J., Pinsky, B. A., Maldonado, Y. A., Boyd, S. D., Chang, et al

2020: 1–27

- **Characteristics and outcomes of coronavirus disease patients under nonsurge conditions, northern California, USA, March–April 2020** *Emerging Infectious Diseases*
Ferguson, J., Rosser, J., Quintero, O., Scott, J., Subramanian, A., Gumma, M., Rogers, A., Kappagoda, S.
2020
- **Cervical Cancer Stigma in Rural Kenya: What Does HIV Have to Do with It?** *JOURNAL OF CANCER EDUCATION*
Rosser, J. I., Njoroge, B., Huchko, M. J.
2016; 31 (2): 413–18
- **Cervical Cancer Screening Knowledge and Behavior among Women Attending an Urban HIV Clinic in Western Kenya** *JOURNAL OF CANCER EDUCATION*
Rosser, J. I., Njoroge, B., Huchko, M. J.
2015; 30 (3): 567–72
- **Barriers to Cervical Cancer Screening in Rural Kenya: Perspectives from a Provider Survey** *JOURNAL OF COMMUNITY HEALTH*
Rosser, J. I., Hamisi, S., Njoroge, B., Huchko, M. J.
2015; 40 (4): 756–61
- **Changing knowledge, attitudes, and behaviors regarding cervical cancer screening: The effects of an educational intervention in rural Kenya** *PATIENT EDUCATION AND COUNSELING*
Rosser, J. I., Njoroge, B., Huchko, M. J.
2015; 98 (7): 884–89
- **Knowledge about cervical cancer screening and perception of risk among women attending outpatient clinics in rural Kenya** *INTERNATIONAL JOURNAL OF GYNECOLOGY & OBSTETRICS*
Rosser, J. I., Njoroge, B., Huchko, M. J.
2015; 128 (3): 211–15
- **Men's knowledge and attitudes about cervical cancer screening in Kenya** *BMC WOMENS HEALTH*
Rosser, J. I., Zakaras, J. M., Hamisi, S., Huchko, M. J.
2014; 14: 138
- **Cancers That U.S. Physicians Believe the HPV Vaccine Prevents: Findings from a Physician Survey, 2009** *JOURNAL OF WOMENS HEALTH*
Saraiya, M., Rosser, J. I., Cooper, C.
2012; 21 (2): 111–17
- **Effect of physiological levels of caffeine on Ca²⁺ handling and fatigue development in Xenopus isolated single myofibers.** *American journal of physiology. Regulatory, integrative and comparative physiology*
Rosser, J. I., Walsh, B., Hogan, M. C.
2009; 296 (5): R1512-7