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CLINICAL OFFICE (PRIMARY)

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CLINICAL FOCUS

- Infectious Disease

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Infectious Diseases

ADMINISTRATIVE APPOINTMENTS

- Associate Medical Director of Infection Prevention & Control, Stanford Health Care, (2023- present)

PROFESSIONAL EDUCATION

- Residency: University of South Florida Internal Medicine Residency Program FL
- Fellowship: University of South Florida Infectious Diseases Fellowship FL
- Board Certification: Infectious Disease, American Board of Internal Medicine (2019)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2017)
- Medical Education: Edward Via College of Osteopathic Medicine (2014) VA

Publications

PUBLICATIONS

- **Performance of an artificial intelligence model for evaluation of unnecessary central lines, Northern California 2025.** *Infection control and hospital epidemiology*
Wick, J. M., Bhaskara, A., Tariq, W., Lau, S., Sampson, M. M., Salinas, J. L.
2026: 1-3
- **Use of a large language model integrated within the electronic medical record for the evaluation of surgical site infections - Northern California, 2025.** *Infection control and hospital epidemiology*
Miranti, E., Keyes, T., Ayala, A., Ambers, N., Newman, G., de Leon, E., Viana-Cardenas, E. P., Tariq, W., Sampson, M., Salinas, J. L.
2026: 1-3

- **Implementation of Wastewater-Based Epidemiology in a Northern California Acute Care Hospital: A Pilot Study, June-July 2024.** *The Journal of hospital infection*
Rodriguez-Nava, G., Zulli, A., Grieshop, M. P., Viana-Cardenas, E. P., Jong, S., Miranti, E., Jiang, M., Ayala, A., Sampson, M., Bhatt, A. S., Boehm, A. B., Salinas, J. L.
2026
- **Using secure artificial intelligence agents integrated within the electronic medical record for the evaluation of blood culture appropriateness-Northern California, 2025.** *Infection control and hospital epidemiology*
Rodriguez-Nava, G., Keyes, T., Ambers, N., Miranti, E., Viana-Cardenas, E. P., Tariq, W., Sampson, M. M., Salinas, J. L.
2025: 1-4
- **A systematic literature review and bayesian meta-analysis of oral vancomycin primary prophylaxis for <i>Clostridioides difficile</i> infection in stem cell transplant patients** *ANTIMICROBIAL STEWARDSHIP & HEALTHCARE EPIDEMIOLOGY*
Viana-Cardenas, E., Miranti, E., Tariq, W., Rodriguez-Nava, G., Shen, S., Whitaker, E., Jiang, M., Sampson, M. M., Rezvani, A., Bhatt, A. S., Marra, A. R., Salinas, J. L.
2025; 5 (1)
- **Low diagnostic yield of repeat urine cultures in hospitalized patients at a tertiary center in Northern California, 2023-2024.** *Infection control and hospital epidemiology*
Miranti, E., Sampson, M. M., Shepard, J., Rodriguez-Nava, G., McIntyre, K., Viana Cardenas, E. P., Trautner, B. W., Salinas, J. L.
2025: 1-3
- **Striking a balance: strategies for addressing single-use surgical equipment in infection prevention.** *Antimicrobial stewardship & healthcare epidemiology : ASHE*
Doerstling, S. S., Fox, P. M., Salinas, J. L., Sampson, M. M.
2025; 5 (1): e132
- **Can we rely on artificial intelligence to guide antimicrobial therapy? A systematic literature review.** *Antimicrobial stewardship & healthcare epidemiology : ASHE*
AlGain, S., Marra, A. R., Kobayashi, T., Marra, P. S., Celeghini, P. D., Hsieh, M. K., Shatari, M. A., Althagafi, S., Alayed, M., Ranavaya, J. I., Boodhoo, N. A., Meade, N. O., Fu, et al
2025; 5 (1): e90
- **Exploring social vulnerability in National Health Safety Network surgical site infections.** *Infection control and hospital epidemiology*
Dewitt, M., Reinke, C., Inman, M., Bischoff, W., Kester, S., Neelakanta, A., Sampson, M., Passaretti, C.
2025: 1-8
- **Beyond the hospital doors: challenges and insights from a multi-state healthcare system outpatient infection prevention program.** *Infection control and hospital epidemiology*
Heisner, K., Layell, J., Citronberg, R., Sampson, M., Passaretti, C., Skelton, L.
2025: 1-3
- **Effective mitigation of blood culture bottle shortage with diagnostic stewardship interventions.** *Journal of clinical microbiology*
Hudson, J., Rodriguez Nava, G., Sampson, M. M., Chang, A., Dussaq, A. M., Salinas, J. L., Serbest, A., Pham, T., Banaei, N.
2025: e0170124
- **Respiratory equality: let's stop playing favorites with COVID-19 in the healthcare setting.** *Infection control and hospital epidemiology*
Passaretti, C. L., Bischoff, W., Chan, J., Diekema, D. J., Doron, S., Estelle, C., Jacob, J. T., Ku, T. S., Leekha, S., Martinello, R. A., Mony, V. K., Munoz-Price, L. S., Murthy, et al
2024: 1-2
- **Clinical decision support in the electronic health record: a primer for antimicrobial stewards and infection preventionists: work smarter so end users don't work harder.** *Antimicrobial stewardship & healthcare epidemiology : ASHE*
Smith, M. R., Lee, J. J., Holubar, M., Salinas, J. L., Sampson, M. M., Medford, R. J., Chang, A.
2024; 4 (1): e204
- **Racial disparities in central line-associated bloodstream infections: the impact of the COVID-19 pandemic.** *Infection control and hospital epidemiology*
DeWitt, M. E., Sampson, M. M., Kester, S., MacNeill, E., Passaretti, C.
2024: 1-5

- **Beyond the surface: a color-inclusive guide to central line site assessment.** *Antimicrobial stewardship & healthcare epidemiology : ASHE*
Herrera, M., Eichenblat, S., Campbell, E., Shick, J., Brown, H., Brinkley, C., Kester, S., Layell, J., Passaretti, C. L., Sampson, M. M.
2024; 4 (1): e41
- **Syphilis Treatment: Systematic Review and Meta-Analysis Investigating Nonpenicillin Therapeutic Strategies.** *Open forum infectious diseases*
Callado, G. Y., Gutfreund, M. C., Pardo, I., Hsieh, M. K., Lin, V., Sampson, M. M., Nava, G. R., Marins, T. A., Deliberato, R. O., Martino, M. D., Holubar, M., Salinas, J. L., Marra, et al
2024; 11 (4): ofae142
- **C reactive protein utilisation, a biomarker for early COVID-19 treatment, improves lenzilumab efficacy: results from the randomised phase 3 'LIVE-AIR' trial.** *Thorax*
Temesgen, Z., Kelley, C. F., Cerasoli, F., Kilcoyne, A., Chappell, D., Durrant, C., Ahmed, O., Chappell, G., Catterson, V., Polk, C., Badley, A., Marconi, V. C.
2023; 78 (6): 606-616
- **Reply.** *Diseases of the colon and rectum*
Ramprasad, C., Mgbako, O., Sampson, M., Passaretti, C., Moshiree, B.
2023; 66 (6): e311
- **Mpox (Monkeypox) Infection During Pregnancy.** *Obstetrics and gynecology*
Sampson, M. M., Magee, G., Schrader, E. A., Dantuluri, K. L., Bukhari, A., Passaretti, C., Temming, L., Leonard, M., Philips, J. B., Weinrib, D.
2023; 141 (5): 1007-1010
- **Evaluation of a health system's implementation of a monkeypox care model under the RE-AIM framework.** *Therapeutic advances in infectious disease*
Polk, C., Sampson, M., Fairman, R. T., DeWitt, M. E., Leonard, M., Neelakanta, A., Davidson, L., Roshdy, D., Branner, C., McCurdy, L., Ludden, T., Tapp, H., Passaretti, et al
2023; 10: 20499361231158463
- **Monkeypox testing delays: The need for drastic expansion of education and testing for monkeypox virus.** *Infection control and hospital epidemiology*
Sampson, M. M., Polk, C. M., Fairman, R. T., DeWitt, M. E., Leonard, M. K., Davidson, L., McCurdy, L., Passaretti, C. L.
2023; 44 (2): 348-349
- **Perianal and Rectal Lesions in the Monkeypox Outbreak: Diagnosis and Proposed Management.** *Diseases of the colon and rectum*
Ramprasad, C., Mgbako, O., Sampson, M., Passaretti, C., Moshiree, B.
2022; 65 (12): 1422-1424
- **A case of severe acute respiratory coronavirus virus 2 (SARS-CoV-2) reinfection within ninety days of primary infection in a healthcare worker.** *Infection control and hospital epidemiology*
Sampson, M. M., Reeves, K. D., Polk, C. M., Hawkins, G. A., Passaretti, C. L.
2022; 43 (12): 2002-2003
- **Global monkeypox case hospitalisation rates: A rapid systematic review and meta-analysis.** *EClinicalMedicine*
DeWitt, M. E., Polk, C., Williamson, J., Shetty, A. K., Passaretti, C. L., McNeil, C. J., Fairman, R. T., Sampson, M. M., Dalton, C., Sanders, J. W.
2022; 54: 101710
- **Severe acute respiratory coronavirus virus 2 (SARS-CoV-2) infections occurring in healthcare workers after booster vaccination: A comparison of delta versus omicron variants.** *Antimicrobial stewardship & healthcare epidemiology : ASHE*
Reeves, K. D., Polk, C. M., Cox, L. A., Fairman, R. T., Hawkins, G. A., Passaretti, C. L., Sampson, M. M.
2022; 2 (1): e143
- **Cholecystitis as a Possible Immunologic Consequence of COVID-19; Case Series from a Large Healthcare System.** *The American journal of the medical sciences*
Polk, C., Sampson, M. M., Jacobs, A., Kookan, B., Ludden, T., Passaretti, C. L., Leonard, M.
2022; 363 (5): 456-458
- **Lenzilumab in hospitalised patients with COVID-19 pneumonia (LIVE-AIR): a phase 3, randomised, placebo-controlled trial.** *The Lancet. Respiratory medicine*

- Temesgen, Z., Burger, C. D., Baker, J., Polk, C., Libertin, C. R., Kelley, C. F., Marconi, V. C., Orenstein, R., Catterson, V. M., Aronstein, W. S., Durrant, C., Chappell, D., Ahmed, et al
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- **Effect of Subcutaneous Casirivimab and Imdevimab Antibody Combination vs Placebo on Development of Symptomatic COVID-19 in Early Asymptomatic SARS-CoV-2 Infection: A Randomized Clinical Trial.** *JAMA*
O'Brien, M. P., Forleo-Neto, E., Sarkar, N., Isa, F., Hou, P., Chan, K. C., Musser, B. J., Bar, K. J., Barnabas, R. V., Barouch, D. H., Cohen, M. S., Hurt, C. B., Burwen, et al
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 - **REGEN-COV Antibody Combination and Outcomes in Outpatients with Covid-19.** *The New England journal of medicine*
Weinreich, D. M., Sivapalasingam, S., Norton, T., Ali, S., Gao, H., Bhore, R., Xiao, J., Hooper, A. T., Hamilton, J. D., Musser, B. J., Rofail, D., Hussein, M., Im, et al
2021; 385 (23): e81
 - **Subcutaneous REGEN-COV Antibody Combination to Prevent Covid-19.** *The New England journal of medicine*
O'Brien, M. P., Forleo-Neto, E., Musser, B. J., Isa, F., Chan, K. C., Sarkar, N., Bar, K. J., Barnabas, R. V., Barouch, D. H., Cohen, M. S., Hurt, C. B., Burwen, D. R., Marovich, et al
2021; 385 (13): 1184-1195
 - **Skin and Soft Tissue Infections in Patients with Diabetes Mellitus.** *Infectious disease clinics of North America*
Polk, C., Sampson, M. M., Roshdy, D., Davidson, L. E.
2021; 35 (1): 183-197
 - **A Plethora of Pustules: Acute Generalized Exanthematous Pustulosis.** *The American journal of medicine*
Sampson, M. M., Klinkova, O., Vitko, J., Casanas, B.
2018; 131 (6): 639-641
 - **Reflecting on Resident Attitudes About Quality Improvement.** *Academic medicine : journal of the Association of American Medical Colleges*
Sampson, M. M., Cheng, S., Olson, D. A.
2017; 92 (11): 1509
 - **Mucositis and oral infections secondary to gram negative rods in patients with prolonged neutropenia.** *IDCases*
Sampson, M. M., Nanjappa, S., Greene, J. N.
2017; 9: 101-103
 - **Prevalence of gastrointestinal parasites in children from Verón, a rural city of the Dominican Republic.** *Research and reports in tropical medicine*
Childers, K. A., Palmieri, J. R., Sampson, M., Brunet, D.
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