Stanford

Meri Varkila

Postdoctoral Scholar, Infectious Diseases

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- NIH K01 Research Scientist Development Award, NIAID (2026-present)
- James S. Kaufman Early Career Award, AJKD (2026)
- Early Career Award, Thrasher Research Fund (2024)
- Global Health Postdoctoral Affiliate, Center for Innovation in Global Health (CIGH), Stanford University

STANFORD ADVISORS

- Julie Parsonnet, Postdoctoral Faculty Sponsor
- Julie Parsonnet, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Dialysis Facility Closures in the US From 2018 to 2024: A Serial Cross-Sectional Study.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
  Varkila, M. R., Montez-Rath, M., Yu, X., Subramanian, N., Owens, D. K., Brady, B., Block, G. A., Parsonnet, J., Chertow, G. M., Anand, S.
  2026
- **Detection and quantification of human immunodeficiency virus-1 (HIV-1) total nucleic acids in wastewater settled solids from two California communities.** *Applied and environmental microbiology*
  Wolfe, M. K., Varkila, M. R., Zulli, A., Parsonnet, J., Boehm, A. B.
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- **Acceptance of SARS-CoV-2 Surveillance Testing Among Patients Receiving Dialysis: A Cluster Randomized Trial.** *JAMA network open*
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- **Observations of Respiratory Syncytial Virus (RSV) Nucleic Acids in Wastewater Solids Across the United States in the 2022-2023 Season: Relationships with RSV Infection Positivity and Hospitalization Rates.** *ACS ES&T water*
  Zulli, A., Varkila, M. R., Parsonnet, J., Wolfe, M. K., Boehm, A. B.
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- **Use of Wastewater Metrics to Track COVID-19 in the US.** *JAMA network open*
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- **Feasibility and Acceptability of SARS-CoV-2 Screening among Patients Receiving Hemodialysis: A Pilot Study.** *Clinical journal of the American Society of Nephrology : CJASN*
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- **Early detection of ICU-acquired infections using high-frequency electronic health record data.** *BMC medical informatics and decision making*
  Varkila, M. R., Lancia, G., van Smeden, M., Bonten, M. J., Spitoni, C., Cremer, O. L.
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- **Vaccination Strategies in Patients Receiving Dialysis: Should We Watch the Clock?**
  Subramanian, N., Yu Xue, Varkila, M., Block, G. A., Parsonnet, J., Chertow, G. M., Anand, S., Montez-Rath, M. E.
  AMER SOC NEPHROLOGY.2024

- **Trends in Dialysis Facility Access in the United States from 2018-2023 and Association with Area Socioeconomic Disadvantage**
  Varkila, M., Montez-Rath, M. E., Yu Xue, Subramanian, N., Chertow, G. M., Parsonnet, J., Anand, S.
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- **Glycan-specific IgM is critical for human immunity to Staphylococcus aureus.** *Cell reports. Medicine*
  Hendriks, A., Kerkman, P. F., Varkila, M. R., Haitsma Mulier, J. L., Ali, S., Ten Doesschate, T., van der Vaart, T. W., de Haas, C. J., Aerts, P. C., Cremer, O. L., Bonten, M. J., Nizet, V., Liu, et al
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- **Two-step interpretable modeling of ICU-AIs** *ARTIFICIAL INTELLIGENCE IN MEDICINE*
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- **Gut barrier dysfunction and the risk of ICU-acquired bacteremia- a case-control study.** *Annals of intensive care*
  Varkila, M. R., Verboom, D. M., Derde, L. P., van der Poll, T., Bonten, M. J., Cremer, O. L.
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- **Observations of Respiratory Syncytial Virus (RSV) Nucleic Acids in Wastewater Solids Across the United States in the 2022-2023 Season: Relationships with RSV Infection Positivity and Hospitalization Rates** *ACS ES&T WATER*
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- **SARS-CoV-2 Testing During Routine Hemodialysis Care: A Nationwide Pragmatic Clinical Trial**
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- **Use of wastewater metrics to track COVID-19 in the U.S.: a national time-series analysis over the first three quarters of 2022.** *medRxiv : the preprint server for health sciences*
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