

# ERICKA L. KALP, PHD, MPH, CIC, FAPIC

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## *Fields of Competence*

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Public health, infectious disease epidemiology, infection prevention and control, healthcare-associated infections, outbreak investigations, biostatistics, environment of care, sterilization and disinfection, research methodology, patient safety, and risk/quality management consulting

## *Background*

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Dr. Kalp has 20 years of experience in epidemiology and infection prevention and control across acute care, long-term care, ambulatory care, and specialty clinics. She is currently the Director of Infection Prevention and Control and Consulting at ECRI.

In addition, Dr. Kalp is an Associate Clinical Professor in the Dornsife School of Public Health (DSPH) at Drexel University. She teaches epidemiology and research methods at Shippensburg University (2023) and Chamberlain University (2017-2022). Prior to these roles, Dr. Kalp served as an epidemiologist and program manager at the Pennsylvania Department of Health (PA DOH) for the Bureau of Epidemiology's Healthcare-Associated Infection Prevention and Antimicrobial Stewardship program. Before her position with the PA DOH, Dr. Kalp was the Director of Epidemiology and Infection Prevention at WellSpan Health (formerly Summit Health) for fourteen years. She has also been Project Coordinator and Senior Research Assistant at Johns Hopkins University School of Medicine, Infection Control Epidemiologist at Maryland's Department of Health and Mental Hygiene, and Bioterrorism Surveillance Review Epidemiologist for Maryland's Department of Health and Mental Hygiene.

She is board-certified in Infection Prevention and Control and Epidemiology (CIC) by the Certification Board of Infection Control and Epidemiology (CBIC) since 2007. Additionally, she is a Fellow of the Association of Professionals in Infection Control and Epidemiology (APIC). Dr. Kalp has been certified in Lean/Six Sigma as a Green Belt (LSSGB) since 2021.

Dr. Kalp has presented at local, state, and national conferences and has published numerous peer-reviewed journal articles and abstracts. She also served a three-year term on both the APIC Research Committee and APIC Professional Development Committee. She has held numerous board-level positions in the East Central Pennsylvania (ECP) APIC Chapter and is currently the 2023 ECP APIC Chapter President.

## *Employment History*

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2023	Associate Clinical Professor in the Dornsife School of Public Health (DSPH); Co-Director of the DSPH Infection Prevention and
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	Control academic programs. Drexel University, Philadelphia, Pennsylvania
2022 — 2023	Adjunct Professor- Shippensburg University
2018 — 2021	Epidemiologist and Program Manager, Pennsylvania Department of Health, Bureau of Epidemiology, Healthcare — Associated Infection Prevention and Antimicrobial Stewardship Program, Harrisburg, PA
2017 — 2021	Visiting Professor and Subject Matter Expert (SME), Chamberlain University, Downers Grove, Chicago, Illinois
2012 — 2018	Director, Epidemiology and Infection Prevention, WellSpan Health, (formerly Summit Health), Chambersburg, PA
2005 — 2012	Manager of Infection Control, Chambersburg Hospital, Chambersburg, PA
2004 — 2005	Project Coordinator/Senior Research Assistant, Johns Hopkins University School of Medicine, Division of Allergies and Infectious Diseases, Baltimore, MD
2003 — 2004	Infection Control Epidemiologist, State of Maryland, Department of Health and Mental Hygiene (DHMH), Epidemiology and Disease Control Program (EDCP), Baltimore, MD
2002 — 2003	Bioterrorism Surveillance Review Epidemiologist, State of Maryland, Department of Health and Mental Hygiene, Epidemiology and Disease Control Program (EDCP), Baltimore, MD

### ***Education, Training, and Certifications***

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2007 — Present	Certified in Infection Control (CIC), The Certification Board of Infection Control and Epidemiology, Inc.
2016	Doctor of Philosophy (PhD), Public Health — Epidemiology, Walden University
2016	Fellow of the Association for Professionals in Infection Control and Epidemiology (FAPIC)
2001	Master of Public Health — Epidemiology and Biostatistics Concentration, Drexel University, Philadelphia, PA
1999	Bachelor of Science, Biobehavioral Health (major) Natural Science (minor), The Pennsylvania State University, University Park, PA

### ***Representative Publications***

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1. **Kalp, E.L.**, Paoline, J., Riddle, A., Pogorzelska-Maziarz, M., and Sedivy, J., (November 2020) APIC Text Online (ATO) Coronavirus Disease 2019 (COVID-19). Association for Professionals in Infection Prevention and Control (APIC).
2. Ham, D., Fike, L., Fulton, T., Dotson, N., Perlmutter, R., **Kalp, E.**, . . . Walters, M. (2020). Trimethoprim-Sulfamethoxazole Resistance Patterns Among Methicillin-Resistant *Staphylococcus aureus*, 2012–2018. *Infection Control & Hospital Epidemiology*, 41(S1), S418-S418. doi:10.1017/ice.2020.1074

3. Billings, C., Bernard, H., Caffery, L., Dolan, S.A., Donaldson, J., **Kalp, E.**, Mueller, A. (2019). Advancing the profession: An updated future-oriented competency model for professional development in infection prevention and control. *American Journal of Infection Control*. DOI: <https://doi.org/10.1016/j.ajic.2019.04.003>
4. **Kalp, E.L.**, Harris, J.J., & Zawistowski, G. (2018). Predictors of certification in infection prevention and control among infection preventionists: APIC MegaSurvey findings. *American Journal of Infection Control*. DOI: <https://doi.org/10.1016/j.ajic.2018.05.004>
5. **Kalp, E.L.**, Freshman, R., Montoy, N., & Bloomfield-Shorb, S. (2018). Markers, Erasers, and Germs, Oh My! *American Journal of Infection Control*. DOI: <https://doi.org/10.1016/j.ajic.2018.04.086>
6. **Kalp, E.L.**, Marx, J.F., & Davis, J. (2017). Understanding the current state of infection preventionists through competency, role, and activity self-assessment. *American Journal of Infection Control*. DOI: <http://dx.doi.org/10.1016/j.ajic.2017.03.021>
7. Pogorzelska-Maziarz, M. & **Kalp, E.L.** (2017). Infection prevention outside of the acute care setting: Results from the MegaSurvey of infection preventionists. *American Journal of Infection Control*. DOI: <http://dx.doi.org/10.1016/j.ajic.2017.03.020>
8. **Kalp, E.L.**, Freshman, R., Anderson, T. (2016). Abstract: A Second-Generation Bundle: Using a Multifaceted Central Line "Maintenance Bundle" as an Infection-Reduction Strategy. The Hospital and Health System Association of Pennsylvania (HAP) 2016 Patient Safety & Quality Symposium.
9. **Kalp, E.L.** (2016). Dissertation: Predictors of Influenza Vaccination Compliance Among Union and Nonunion Workers in a Pennsylvania Health Care System- Walden University 2016
10. **Kalp, E.L.** & Pogorzelska-Maziarz, M. (2016). Journal Club: Antibiotic information application offers nurses quick support. *American Journal of Infection Control*. DOI: <http://dx.doi.org/10.1016/j.ajic.2016.04.244>
11. Reese, S. & **Kalp, E.L.** (2016). Journal Club: Commentary on "A Systematic Approach for Developing a Ventilator-Associated Pneumonia Prevention Bundle". *American Journal of Infection Control*. DOI: <http://dx.doi.org/10.1016/j.ajic.2016.03.076>
12. **Kalp, E.** (2016) *Fundamental Statistics & Epidemiology in Infection Prevention: Chapter 8 Evaluating Research Studies*, Association for Professionals in Infection Control and Epidemiology. ISBN: 1-933013-65-6
13. Freshman, R., **Kalp, E.**, Lehman, K. (2015). Implementation of a "free-choice" influenza vaccination policy improves vaccination compliance among healthcare workers in a Pennsylvania healthcare system. *American Journal of Infection Control*, 43 (6), S56-S57.
14. Lehman, K., **Kalp, E.**, & Freshman, R. (2015). Implementing an electronic device day count methodology is a valid and cost savings alternative to manual collection methodology. *American Journal of Infection Control*, 43 (6), S55-S56.
15. **Kalp, E.**, Freshman, R., & Lehman, K. (2015). Practicing what they preach: Infection preventionists and influenza vaccination. *American Journal of Infection Control*, 43 (6), S44.
16. Fritz, S.H., Haley, T., **Kalp, E.**, Scheide, D., Konas, M. (2010). Abstract: *MRSA Prevention Partnership*. Association for Professionals in Infection Control and Epidemiology (APIC) Conference, New Orleans (June 2010)
17. DeLisle S, South B, Anthony JA, **Kalp, E.**, Gundlapalli A, et al. (2010). Combining Free Text and Structured Electronic Medical Record Entries to Detect Acute Respiratory Infections. *PLoS ONE* 5(10): e13377. doi:10.1371/journal.pone.0013377.

18. South B, Chapman W, Delisle S, Shen S, **Kalp E**, et al. (2008) [Optimizing a syndromic surveillance text classifier for influenza-like illness: Does document source matter?](#) AMIA Annual Symposium proceedings /AMIA Symposium. AMIA Symposium 2008:692-6.

### ***Key Projects and Roles***

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- 2016                      PhD Dissertation: *Predictors of Influenza Vaccination Compliance Among Union and Nonunion Workers in a Pennsylvania Health Care System* —Walden University
- 2001                      MPH Thesis: Tenet Home Health Services and Medical College of Pennsylvania, Infection Control Department — Drexel University, Philadelphia, PA

### ***Key Memberships***

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- 2006 — Present: Member, Association for Professionals in Infection Control and Epidemiology (National APIC)
  - 2018 — 2020: Member, National APIC Professional Development Committee
  - 2015 — 2017: Member, National APIC Research Committee
- 2005 — Present: Member, Association for Professionals in Infection Control and Epidemiology (APIC), East-Central Pennsylvania Chapter
  - ECP APIC positions held:
    - President: 2014, 2018
    - President Elect: 2013, 2017, 2021 — 2022
    - Secretary: 2016
    - Board Member: 2010 — 2012
- 2012 — Present: Member, The Society for Healthcare Epidemiology of America (SHEA)
- 2013 — Present: Invited member, Golden Key International Honor Society
- 2016 — 2021: Member, Council of State and Territorial Epidemiologists (CSTE)