

Jefferson College of Nursing

2022 – 2023

**Jefferson Center for Infection Prevention
& Antibiotic Stewardship (CIPAS)**

Annual Report

Who we are



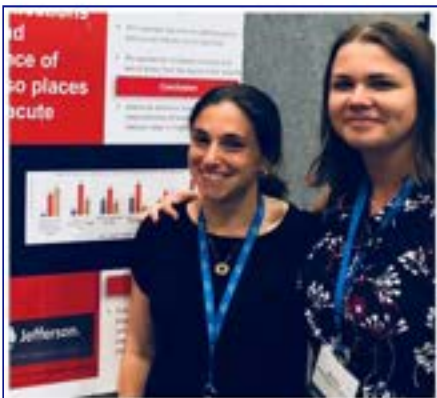
Mary Lou Manning, PhD, CRNP, CIC, FSHEA, FAPIC, FAAN
CIPAS Director
Professor
College of Nursing
Senior Associate to the Dean
Strategic Initiatives

Programmatic Focus

The Center aims to leverage the knowledge, expertise, and perspectives of the Jefferson community and beyond, by building dynamic networks to discover new ways to tackle problems of infection prevention and antibiotic resistance. Located within the Jefferson College of Nursing, the Center serves as a platform for infection prevention and antibiotic stewardship collaborative education, research, and practice initiatives.

Funding Highlight

Dr. Pogorzelska-Maziarz received the first Jefferson College of Nursing R01 Award in collaboration with Rutgers University: **Prevention of Infections through Appropriate Staffing Study, 2022-2025**. To find out more about the study, please visit Jefferson.edu/PITAS.



Drs. Pamela de Cordova and Monika Pogorzelska-Maziarz

Meet The Team



Monika Pogorzelska-Maziarz, PhD, MPH, CIC, FAPIC, FSHEA
Associate Professor
Assistant Director, CIPAS



Julia Kay, BFA
Program Director, CIPAS



Cindy Hou, DO, MA, MBA, CIC, CPHQ, FACOI, FACP, FIDSA
Infection Control Officer
Medical Director of Research



Nikunj Vyas, PharmD, BCPS
Clinical Pharmacist
Infectious Diseases



Kelly Zabriskie, MLS, CIC, FAPIC
Enterprise Vice President
Infection Prevention

APIC Award

Dr. Manning received a 2023-2025 APIC Hero's Implementation Research Scholar's Award during the Association for Professionals in Infection Control and Epidemiology (APIC) Annual Conference in Orlando Florida, 2023. Through this award, Dr. Manning's goal is to establish an academic-practice partnership between the Jefferson College of Nursing and Jefferson's Health's infection prevention and control department, in order to advance infection prevention baccalaureate nursing education and practice.



Drs. Tania N. Bubb and Mary Lou Manning

Publications

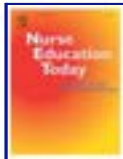
Collaborative Efforts



Kociolek LK, Gerding DN, Carrico R, Carling P, Donskey CJ, Dumyati G, Kuhar DT, Loo VG, **Pogorzelska-Maziarz M**, Sandora TJ, Weber DJ, Dubberke ER. (2023). Strategies to Prevent Clostridioides difficile Infections in Acute Care Hospitals: 2022 Update. Infection Control Hospital Epidemiology. 2023 Apr;44(4):527-549. doi: 10.1017/ice.2023.18. PMID: 37042243.



Manning, M.L., Fitzpatrick, E., Delengowski, A. M., **Hou, C. M.**, **Vyas, N.**, **Pogorzelska-Maziarz, M.** (2022). Advancing antibiotic stewardship nursing practice through standardized education: A pilot study. The Journal of Continuing Education in Nursing, 53(9), 417-423.



Manning, M.L., Jack, D., Wheeler, L., Okupniak, C., **Pogorzelska-Maziarz, M.** (2022). Effect of a virtual simulated participant experience on antibiotic stewardship knowledge among pre-licensure baccalaureate nursing students: A pilot study. Nurse Education Today, 113, 105362.



Grafova, I. B., **Pogorzelska-Maziarz, M.**, Johansen, M. L., **Manning, M. L.**, Crincoli, S., de Cordova, P. B. (2022). Racial and ethnic differences in vaccine hesitancy among registered nurses in New Jersey: A cross-sectional survey. American Journal of Infection Control, 50(5), 572-574.



Manning, M.L., **Pogorzelska-Maziarz, M.**, **Hou, C.**, **Vyas, N.**, Kraemer, M., Carter, E., Monsees, E. (2022). A novel framework to guide antibiotic stewardship nursing practice. American Journal of Infection Control, 50(1), 99-104.



Pogorzelska-Maziarz M, Monsees E, Hessels AJ. (2023). APIC MegaSurvey 2020: Methodology and Overview of Results. American Journal of Infection Control, Mar;51(3):241-247. doi: 10.1016/j.ajic.2022.12.002.



Cervantes D, Hessels A, Franck JN, **Pogorzelska-Maziarz M.** (2022). State of Infection Prevention and Control in Non-Acute Care Settings: 2020 APIC MegaSurvey. American Journal of Infection Control, 50(11):1193-1199. doi: 10.1016/j.ajic.2022.08.005.



de Cordova PB, Johansen ML, Grafova I, Crincoli S, Prado J, **Pogorzelska-Maziarz M.** (2022). Burnout and Intent to Leave During COVID-19: A Cross-sectional Study of New Jersey Hospital Nurses. J Nursing Management, Apr 27:10.1111/jonm.13647.



Shang J, Harrison JM, Chastain AM, Stone PW, Perera UGE, Madigan EA, **Pogorzelska-Maziarz M**, Dick AW. (2022). Influenza Vaccination of Home Health Care Staff and the Impact on Patient Hospitalization. American Journal of Infection Control, 50:369-374.

Research

Interdisciplinary Funding

2022-2025 Prevention of Infections through Appropriate Staffing (PITAS) Study (R01HS029023)

Agency for Healthcare Research and Quality

Multiple PI: M. Pogorzelska-Maziarz & P. de Cordova (Rutgers University)

Co-Investigator: ML. Manning, V. Maio (JCPH), B. George (JCPH), S. Keith (SKMC)

The aims are to 1) describe the evolution of infection prevention and control (IPC) programs from 2011 to 2019 and determine the effectiveness of IPC staffing, infrastructure and processes in preventing healthcare-associated infections (HAI) in acute care hospitals, 2) quantify the impact of the COVID-19 pandemic on IPC departments, HAI rates and rates of antibiotic resistance in acute care hospitals, 3) develop an in-depth understanding of the impact of COVID-19 on infection preventionists, IPC resources and IPC practices in acute care hospitals.

2022-2026 Infection Prevention in Home Health Care (InHOME) Renewal (R01NR016865)

National Institute of Health/National Institute of Nursing Research

Subcontract PI: M. Pogorzelska-Maziarz (Subcontract with Columbia University)

MPI: J. Shang & P. Stone (Columbia University)

The aims are to 1) describe changes in home health care (HHC) infection prevention and control (IPC) capacity and preparedness over time and its association with vulnerable populations, 2) examine associations between HHC IPC capacity and HHC patient outcomes, overall and in vulnerable populations, 3) examine the feasibility and potential barriers to implementing best practices in IPC capacity and preparedness through qualitative interviews with HHC personnel, 4) develop evidence-based recommendations for improving HHC IPC capacity and preparedness to reduce the burden of COVID and non-COVID infections in HHC.

2022-2023 Jefferson CDFNL Pedagogy Grant

Thomas Jefferson University

PI: ML. Manning

Co-I: M. Pogorzelska-Maziarz

The goal of this project is to evaluate and re-design the Antibiotic Stewardship for Nurses Continuing Education Program and to ultimately expand the program beyond registered nurses by creating content that can effectively be integrated into interprofessional student clinical and learning environments.

Center Promotion

We are excited to announce CIPAS website launch, June 2023. To find out more about our center, please visit [Jefferson.edu/CIPAS](https://jefferson.edu/CIPAS).



Outreach

Increasing Visibility



Poster presentation at the 150th Annual Meeting of the American Public Health Association. Maashi T, de Cordova PB, Pogorzelska-Maziarz M. Intent to Leave among Hospital Nurses in New Jersey During COVID-19; Boston, MA, 2022.



Poster presentation at the 2022 ANCC National Magnet Conference and Pathway to Excellence Conference. Fitzpatrick E, Manning ML, Pogorzelska-Maziarz M, Delegowski A. Leveraging the Magnet Culture to Optimize Antibiotic Stewardship; Philadelphia, PA, 2022.

Poster presentation at the 32nd Society of Pediatric Nurses Annual Conference. Manning ML, Jack D, Wheeler L, Pogorzelska-Maziarz, M, Baccalaureate Nursing Students' Knowledge of Antibiotic Resistant Infections & Antibiotic Stewardship Before and After Simulated Standardized Patient Education Encounters; Anaheim, CA, 2022.

Podium presentation at the 2023 Annual Meeting of the Association of Professionals in Infection Control and Epidemiology, Inc. Pogorzelska-Maziarz M, Shang JJ. Infection Prevention and Control in Post-Acute Care Settings; Orlando, FL, 2023.

Podium presentation at the 34th Annual Virtual Eastern Nursing Research Society Scientific Meeting. Cordova PB, Pogorzelska-Maziarz M, Grafova I, Crincoli S, Prado L, Johansen M. Working the frontline in acute care during COVID-19: Staffing, PPE adequacy, burnout and intent to leave; Providence, RI, 2022.



Dr. Pogorzelska-Maziarz was elected for a three year tenure to the Association for Professionals in Infection Control and Epidemiology Board of Directors, in 2023.

Featured Article

Manning, ML, Pogorzelska-Maziarz, M, Hou, C, Vyas, N, Kraemer, M, Carter, E, Monsees, E. (2022). **A novel framework to guide antibiotic stewardship nursing practice**. American Journal of Infection Control, 50(v1), 99-104.

Podium presentation at 2022 APIC National Conference. Manning, ML, Pogorzelska-Maziarz, M. Advancing Antibiotic Stewardship Nursing Practice through Standardized Education; Indianapolis, IN, 2022.

