BIOGRAPHICAL SKETCH

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NAME Weber, David J.	POSITION TITLE Professor of Medicine, Pediatrics & Epidemiology University of North Carolina at Chapel Hill
eRA COMMONS USER NAME (credential, e.g., agency login) dweber	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	MM/YY	FIELD OF STUDY
Wesleyan University, Middletown, CT	BA	05/73	Biology, Government
University of California, San Diego, CA	M.D.	05/77	Medicine
Massachusetts General Hospital, Boston, MA	Resident	06/80	Internal Medicine
Massachusetts General Hospital, Boston, MA	Fellowship	06/81	Ambulatory Care
Massachusetts General Hospital, Boston, MA	Fellowship	06/85	Infectious Diseases
Harvard University, Brookline, MA	M.P.H.	05/85	Epidemiology

A. Personal Statement

I am a Professor of Medicine, Pediatrics, and Epidemiology, Associate Chief Medical Officer, UNC Health Care, and Director, Regulatory Services, of the North Carolina Translational and Clinical Sciences Institute (NC TraCS is home of the UNC Clinical and Translational Science Award [CTSA] award). I serve as Medical Director of Hospital Epidemiology (Infection Control) and serve as the Director of the UNC Health Care Anti-Infective Stewardship (a broad based program that includes dedicated ID pharmacist, drug information specialists, pediatric and adult infectious disease specialists, and molecular microbiologists). I am Board Certified in Internal Medicine, Infectious Disease, Critical Care Medicine, and Preventative Medicine. My research career has focused on healthcare-associated infections, antibiotic stewardship, new and emerging diseases (*Pfiesteria*, *Cryptosporidia*, norovirus), and vaccine implementation. I chair the NC Department of Health TB Advisory Committee. I have served on 3 ACIP working groups in the past 2 years.

B. Positions and Honors

1985-1991	Assistant Professor of Medicine, Pediatrics and Epidemiology, University of North Carolina, Chapel Hill, NC
1985-	Medical Director, Hospital Epidemiology and Director UNC Anti-Infective Stewardship, UNC Health Care, Chapel Hill, NC
1985-	Associate Director, Statewide Infection Control and Epidemiology Program
1991-1999	Associate Professor of Medicine, Pediatrics and Epidemiology, UNC-Chapel Hill, NC
1992-2008	Epidemiologist, General Clinical Research Center, UNC-CH, NC
1992-1993	Visiting Scientist, Vaccine Trials and Epidemiology Branch, Division of AIDS, NIAID,NIH
1993-	Medical Director, Occupational Health Service, UNC Health Care
1996-1999	Associate Director, MD/PhD, The University of North Carolina, Chapel Hill, NC
1999-	Professor of Medicine, Pediatrics and Epidemiology, UNC-Chapel Hill, NC
2006-	Co-Chair, Biomedical IRB, UNC-CH, NC
2008-	Director, Regulatory Core, CTSA
2005-2008	Member, RAC, NIH
2008-	Associate Chief Medical Officer, UNC Health Care
2008-	Associate Editor, Infection Control Hospital Epidemiology
2010	Flemming award, outstanding clinician UNC Health Care
2012	Award for best paper, American Journal of Infection Control, 2011 (first author)

C. Selected Peer-reviewed Publications (out of >200 peer reviewed publications, >300 total publications), Focus on Recent Publications

Most relevant to the current application

1. Kelley MA, **Weber DJ**, Gilligan P, Cohen MS. Breakthrough pneumococcal bacteremia in patients being treated with azithromycin and clarithromycin. Clinical Infectious Diseases, 2000; 31(4):1008-11.
2. Stein CR, **Weber DJ**, Kelley M. Using hospital antibiogram data to assess regional pneumococcal resistance to antibiotics. Emerging Infectious Diseases. 2003; 9(2):211-6.
3. **Weber DJ**, Hoffmann KK, Rutala WA, Pyatt DG. Control of healthcare-associated *Staphylococcus aureus*: Survey of practices in North Carolina hospitals. Infect Cont Hosp Epidemiol 2009;30:909-911.
4. **Weber DJ**, Rutala WA, Sickbert-Bennett EE. Outbreaks associated with contaminated antiseptics and disinfectants. Antimicrob Agents Chemother 2007;51:4217-4224.

5. Kotch JB, **Weber DJ**. Child care center directors' opinions on overuse of antibiotics and social policy. Infect Control Hosp Epidemiol 2010;31:412-413.
6. Shimokura G, Chai F, **Weber DJ**, Samsa GP, Xia GL, Nainan OV, Tobler OV, Tobler LH, Busch MP, Alter MJ. Patient-care practices associated with an increased prevalence of hepatitis C virus infection among chronic hemodialsysis patients. Infect Control Hosp Epidemiol 2011;32:415-424.
7. **Weber DJ**, Rutala WA. The role of the environment in transmission of *Clostridium difficile* infection in healthcare facilities. Infect Control Hosp Epidemiol 2011;32:207-209.
8. Miller MB, **Weber DJ**, Goodrich JS, Popowitch EB, Poe MD, Nyugen V, Shope TR, Foster DT, Miller JR, Kotch J. Prevalence and risk factor analysis for methicillin-resistant *Staphylococcus aureus* nasal colonization in children attending child care centers. J Clin Microbiol 2011;49:1041-1047.
9. Bratton EW, Husseini N, Chastain CA, Lee MS, Poole C, Sturmer T, Juliano JJ, **Weber DJ**. Perfect JR. Comparison and temporal trends of three groups with Cryptococcus: HIV infected, solid organ transplant, and HIV-negative/non transplant. PLoS One 2012;e43582, Aug. 24
10. McGrath LJ, Kshirsagar AV, Cole SR, Wang L, **Weber DJ**, Sturmer T, Brookhart MA. Influenza vaccine effectiveness in patients on hemodialysis: an analysis of a natural experiment. Arch Intern Med 2012;172:548-554.
11. Kang J, Mandsager P, Biddle AK, **Weber DJ**. Cost-effective analysis of active surveillance screening for methicillin-resistant *Staphylococcus aureus* in an academic hospital setting. Infect Control Hosp Epidemiol 2012;33:477-486.
12. Kang J, Sickbert-Bennett EE, Brown VM, **Weber DJ**, Rutala WA. Relative frequency of health care-associated pathogens by infection site at a university hospital form 1980 to 2008. Am J Infect Control 2012;40:416-420.
13. **Weber DJ**, Sickbert-Bennett EE, Brown V, Rutala WA. Completeness of surveillance data reported by NSHN: an analysis of healthcare-associated infections ascertained in a tertiary care hospital, 2012. Infect Control Hosp Epidemiol 2012;33:94-96.
14. **Weber DJ**, Rutala WA. Lessons learned from outbreaks and pseudo-outbreaks associated with bronchoscopy. Infect Control Hosp Epidemiol 2012;33:230-234.
15. Rowe EC, Savage SW, Rutala WA, **Weber DJ**, Gergen-Teague M, Eckel SF. Economic and microbiologic evaluation of single-dose vial extension for hazardous drugs. J Oncol Prac 2012;8:e45-9.
16. Heil EL, Daniels LM, Long DM, Rodino KG, **Weber DJ**, Miller MB. Impact of a rapid nucleic acid florescence in situ hydridization assay on the treatment of Candida infections. Am J Health Syst Pharm 2012;69:1910-1914.

D. Research Support-Completed Research

Ongoing Research Support

CDC Prevention Epicenter Program 1U54C000164-01 Sexton (PI) 03/01/11-2/29/16
A Four-arm Prospective, Multicenter Study to Assess the Clinical Efficacy, Effectiveness, and Feasibility of Enhanced Room Disinfection with Chlorine and UV light Using Clinical and Microbiologic Outcomes
The goals of this project are to (1) to determine the appropriate population that would benefit from enhanced terminal room disinfection with UV-C light; (2) determine the efficacy and feasibility of enhanced terminal room disinfection strategies to prevent HAIs; and (3) determine the true impact of environmental contamination on acquisition of MDR-pathogens among hospitalized patients.
Role: Investigator

1UL1RR025747-01 Runge (PI) 07/01/08-06/30/13
NIH/NCRR
UNC CLINICAL AND TRANSLATIONAL SCIENCE AWARD: This award created the North Carolina Clinical and Translational Science Institute is to transform all activities relating to clinical and translational research by creating new programs and pathways that make it easier for research to be performed at UNC and throughout the state of North Carolina.
Role: Director, Regulatory Core
Being funded on continuing funds pending review of renewal in late May

NIH, Fogarty 1K01TW008401 Dreps-Becker, S (PI), Weber (co-investigator) 09/21/09-08/31/13
This award will be used to assess the effectiveness of the rotavirus vaccine in young children in Niagara using a before-after design. This is a community based study.

Role: Co-investigator (1%)

A12-1400-NCDHHS Division
Of Health Service Regulation Weber and Rutala (Co-PIs) 07/01/12-06/30/14
Enhance Education of Infection Prevention in Nursing Homes: This award will develop and implement an education program to train infection control professionals working in nursing homes on methods to reduce healthcare-associated infections. We will also assess the effectiveness of this intervention.
Role: Co-Investigator (0%)