

Primary Investigator/Program Director (Last, First, Middle): Bassinger, John L.

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on this Sample Form.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Carlucci, Joseph Louis	POSITION TITLE Professor of Microbiology		
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(S)	FIELD OF STUDY
Stanford University	Ph.D.	1964	Infectious Diseases
Harvard Medical School	M.D.	1972	Medicine/Parasitology

NOTE: The Biographical Sketch may not exceed four pages. Follow the formats shown on this Sample Form.

A. Positions and Honors.

Positions and Employment

1969-1971 Medical Residency, Internal Medicine, Harvard Medical School
1971-1973 EIS Officer, Hospital Infection Section, Bacterial Diseases Branch, CDC, Atlanta, GA
1973-1974 Instructor and Fellow in Medicine, Hematology, Massachusetts General Hospital, Boston, MA
1974-1975 Instructor in Infectious Diseases, Massachusetts General Hospital, Boston, MA
1978- Senior Associate in Infectious Diseases, Children's Hospital, Boston, MA

Other Experience and Professional Memberships

1972-1973 Acting Chief, National Mucosal Infections Study
1975-2000 Director of Infectious Diseases Laboratory
1975-present Hospital Epidemiologist (Medical Director Infection Control 2000-present), Children's Hospital, Boston
1981-1982 President, Society of Hospital Epidemiologists of America

Medical License History

1972-1992 Board Certified Specialist
1992-present BCS (recertification)

Honors

1982 SERC Advanced Research Scholarship, Infectious Disease Society of America
2001 Anthony Steinway Award for Excellence in Teaching (Children's Hospital)

B. Selected peer-reviewed publications or manuscripts in press (in chronological order).

(Publications selected from 133 peer-reviewed publications)

1. Luciani JM, Casper J, Goodman BF, Shaw CM, Carlucci JL. Prevention of respiratory virus infections through compliance with frequent hand-washing routines. *N Engl J Med* 1988; 318:389-394.
2. Gussmann J, Pratt R, Sideway DG, Sinclair JM, Emmerson MF, Carlucci JL. Coagulase-negative staphylococcal bacteremia in the changing neonatal intensive care unit population. Is there an epidemic? *JAMA*. 1988;158:1548-1552.
3. Gussmann J, Carlucci JL, McGovern JE, Jr., Methodologic issues in nursing home epidemiology. *Rev Infect Dis* 1989;11:1119-1141.
4. Gussmann J, Emmerson MF, Smyth NE, Platt RI, Sidebottom DG, Carlucci JL. Early hospital release and antibiotic usage with nosocomial staphylococcal bacteremia in two neonatal intensive care unit populations. *Amer J Dis Child* 1991;149:325-339.
5. Murphy JA, Black RW, Schroeder LC, Weissman ST, Gussman JM, Carlucci JL, Short CJ. Quality of care for children with asthma: the role of social factors and practice setting. *Pediatrics* 1996;98:379-84.
6. Gussmann J, Carlucci JL, McGovern JE, Jr. Incidence of *Staphylococcus epidermidis* catheter-related bacteremia by infusions. *J Infect Dis* 1996;172:320-4.

C. Research Support.

Ongoing Research Support

R01 HS35793 Carlucci (PI) 9/01/99-8/30/04

\$200,000 (\$ direct amount)

AHRQ

Reducing Antimicrobial Resistance in Low-Income Communities: A Randomized Trial.

This study is a randomized trial of interventions to reduce antimicrobial usage and resistance in low-income communities.

Role: PI

2 R01 AI12345-05 Carlucci (PI) 4/01/01-3/31/06

\$150,000

NIH/NIAID

Bacteriology and Mycology Study of ICU Patients at Risk for Antimicrobial Resistant Bacterial Infections.

The study will perform clinical trials of interventions to reduce antimicrobial resistant infections.

Role: PI

R01-A124680-04 Peterson (PI) 3/01/01-2/28/06

\$500,000

NIH/NIAID

Virulence and Immunity to *Staphylococci*.

This study investigates the production of polysaccharide by *Staphylococcus aureus* and its role in virulence as measured in animal models of infection and its ability to function as a target for protective antibody.

Role: Paid consultant.

2 R01 HL 0003-13 Anderson (PI) 3/01/01-2/28/06

\$750,000

NIH/NHLBI

Chloride and Sodium Transport in Airway Epithelial Cells

The major goals of this project are to define the biochemistry of chloride and sodium transport in airway epithelial cells and clone the gene(s) involved in transport.

Role: Co-Investigator

Completed Research Support

5 R01 AI16545-05 Herman (PI) 10/01/99-11/33/01

\$50,000 (\$ direct amount)

NIH/NIAID

Evaluating Quality Improvement Strategies (EQUIS).

The goal of this study was to evaluate quality improvement and collaborative learning to improve asthma care in office-based pediatrics.

Role: Co-Investigator

5 R01 AI00945-05 Spielman (PI) 07/01/96-06/30/01

\$600,000

NIH/NIAID

Epidemiology of Emerging Infections #1 T32 A107654.

The goal of this project was to study emerging infections in high risk populations who are treated in emergency room situations.

Role: Co-Investigator