

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Smith, John Albert		POSITION TITLE Professor of Microbiology	
eRA COMMONS USER NAME (credential, e.g., agency login) jsmith987			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Stanford University	Ph.D.	1964	Infectious Diseases
Harvard Medical School	M.D.	1972	Medicine/Parasitology

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
 1978-1984 Assistant Professor of Pediatrics, Harvard Medical School
 1985-1998 Chief, Hemostasis Laboratory, Children's Hospital, Boston, MA
 1993- Professor of Pediatrics, Harvard Medical School, Boston, MA
 1998- Professor, Dept. of Infectious Diseases, Harvard School of Public Health

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
 1988 Member, Society for Pediatric Research
 1989-present Medical Director Quality Assurance, Children's Hospital, Boston, MA
 1991-1993 Director, American Society for Microbiology, Division F
 1991-1997 Hospital Infection Control Practices Advisory Committee, Centers for Disease Control
 1998-present Vice-Chair for Health Outcomes, Dept. of Medicine, Children's Hospital
 1998-2001 Steering Committee, NACHRI/CDC Pediatric Prevention Network

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 (in chronological order).

1. Luciani JM, Casper J, Goodman BF, Shaw CM, Smith J. 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, Smith J. Coagulase-negative staphylococcal bacteremia in the changing neonatal intensive care unit population. Is there an epidemic? JAMA. 1988;158:1548-1552.
3. Gussmann J, Smith J, 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, Smith J. 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, Smith J, 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, Smith J, McGovern JE, Jr. Incidence of Staphylococcus epidermidis catheter-related bacteremia by infusions. J Infect Dis 1996;172:320-4.
7. Smith J, Huskins WC. Control of nosocomial antimicrobial-resistant bacteria A strategic priority for hospitals worldwide. Clin Infect Dis 1997;S139-S145.
8. Corning WC, Saylor BM, O'Steen C, Gulapagos L, O'Reilly EJ, Smith J. Hospital infection prevention and control: A model for improving the quality of hospital care in low income countries. Infect Control Hosp Epi. 1999;13:123-35.
9. Handler CJ, Marriott B, Clearwater PT, Smith J. Quality of care at a children's hospital: the child's perspective. Arch Pediatr Adolesc Med. 1999;143:1120-7.
10. McKinney D, Poulet KL, Wong Y, Murphy V, Ulright M, Dorling G, Long JC, Smith J, Piper GB. Protective vaccine for Staphylococcus aureus. Science 1999;214:1421-7.

C. Research Support

Ongoing Research Support

R01 HS123458713 Smith (PI) 9/01/99-8/30/04

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 Smith (PI) 4/01/01-3/31/06

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- AI2559-04 Peterson (PI) 3/01/01-2/28/06

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 00000-11 Anderson (PI) 3/01/01-2/28/06

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 RO1 AI10011-05 Herman (PI) 12/01/00 – 11/30/04

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 AI098765 Spielman (PI) 7/01/99 -6/30/04

NIH/NIAID

Epidemiology of Emerging Infections #1 T32 AI07654

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

Role: Co-Investigator