

# CURRICULUM VITAE

## MANGAIYARKARASI, SANTHIRAJ MPH

### EDUCATION:

- Master's in Public Health with a major in Epidemiology;  
School of Public Health, University of Illinois, Chicago, IL.
- Diploma in Dermatology (D.D.)  
University of Madras, India
- Bachelor of Medicine & Surgery (M.B.B.S.)  
University of Madras, India

### Course Highlights in M.P.H. degree

Principles of Epidemiology  
Public Health Concepts and Practices  
Principles of Biostatistics  
Epidemiology of Chronic Diseases  
Applied Epidemiology

Principles of Environmental Health Sciences  
Principles of Management in Public Health  
Epidemiology of Infectious Diseases  
Behavioral Sciences in Public Health  
Cancer Epidemiology

### Courses at Work

The Illinois Bioterrorism Summit  
Strategies in Preventing Infections by Tracer Methodology given by JACHO  
Ongoing conferences at APIC, SHEA and VHAs in improving infection control measures

### PUBLICATIONS:

1. Retrospective Analysis of Testicular Tumors published in the **Journal of American Society of Clinical Oncology, Vol 15 March 1996.**
2. Risk Factors for Breast Cancer published in the **Journal of American Society of Clinical Oncology, Vol 15 March 1996.**  
Analysis was made in the Dept. of Medical Oncology, Cook County Hospital, Chicago, IL.

### PRESENTATIONS:

Poster presentation on "Infection Control Measures in OR During Construction" at the **14th Annual Scientific Meeting of Society for healthcare Epidemiology of America in April 2004.**

## **WORK EXPERIENCE:**

**2000-Current:** Epidemiologist (Infection Control Practitioner) at Hines Veterans Affairs Hospital, Chicago. Conducting ongoing surveillance of infections in patients and personnel, keeping accurate records of nosocomial infections, identifying and promptly reporting epidemiological variations in levels of disease and implementing the recommendations for prevention and control, monitoring and evaluating isolation, aseptic and patient care techniques to provide optimum care to the patients, notifying all the communicable diseases to the health departments, reviewing, revising and originating policies and procedures, ensuring their implementation and maintaining the infection control manual, developing bioterrorism plans in conjunction with safety, SARS policy and outbreak plans, developing and conducting educational and inservice programs, assisting in the development of employee health program and compiling data relative to antibiotic usage as part of surveillance in conjunction with pharmacy,

1997-2000: Infection Control practitioner at Jackson Park hospital, Chicago

1995-1997: Project Assistant to Maternal and Child Health Program in the Department of Physical Therapy, University of Illinois at Chicago. Assist and coordinate the activities of Physical Therapy graduate students who join the Continuing Education Program leading to the Pediatric Clinical Board Certification. Assist with research and research database handling. Generate LAN based database with Paradox for data plotting and graphing. Assist in the research of Developmental Outcomes of Infants following in-utero exposure to PCB and DDE.

1994-1995: Assisting the research projects in the Department of Medical Oncology, Cook County Hospital, Chicago, IL.

1979-1990: Attending Physician in Family Medicine, Madras, India,  
Worked as a Medical Officer in a Primary Health Center, caring for a population of 30,000

### **Duties Performed:**

- Diagnosing and treating medical and surgical ailments in the ambulatory settings.
- Managing medical emergencies in the E.R.
- Antenatal care to pregnant women including immunization, prevention and treatment of high risks like preeclampsia, eclampsia, diabetes etc.,
- Conducting 40 to 50 deliveries per month.
- Post natal care to mothers and educating them about contraception and sterilization.
- Managing well baby clinics to schedule immunizations and prevention of nutritional deficiencies.
- Visiting schools to conduct health check up camps for the students, supervising and scheduling their immunization, nutritional deficiencies and other preventable diseases.
- Visiting areas of infectious diseases in the communities, analyzing the etiology of the particular disease enforcing the prevention of epidemic.

- Screening for tuberculosis, diabetes, hypertension and other chronic diseases in the communities.

**PROFESSIONAL MEMBERSHIPS:**

- Society for Healthcare Epidemiology of America (**SHEA**)
- Association for Professionals in Infection Control and Epidemiology (**APIC**)