

## CURRICULUM VITAE

**Martha S. Wilson**

*Head Microbiologist*

**Head & Neck Specialty Group of New Hampshire**

### EDUCATION:

- **BA Microbiology**, University of New Hampshire, Durham, NH, 1977.
- Central High School, Manchester, NH 1969

### CERTIFICATION:

**Microbiology**, American Society of Clinical Pathologists, 1982

**Audiology (technician)**, American Academy of Otolaryngology - Head & Neck Surgery, 2003

### COURSEWORK:

*Basic Course in Otolaryngic Allergy*, American Academy of Otolaryngic Allergy, January 1996

*Diagnostic Testing and Immunotherapy in Environmental Medicine*, American Academy of Environmental Medicine, April 1997

*Chemical Exposure, Toxicity and Sensitivity Mechanisms, Patient Assessment and Treatment*, American Academy of Environmental Medicine, April 1997

*UnicaptI00 User Course*: Instrumentation training with Pharmacia & Upjohn Diagnostics Division, January 2000.

*Audiometric Technician Training Practicum*, American Academy of Otolaryngology - Head & Neck Surgery. July 2003.

### PROFESSIONAL SOCIETIES:

*Northeast Association for Clinical Microbiology and Infectious Disease*, 1998 present. Elected Jr Director for New Hampshire June 2005.

*American Society for Microbiology*, 2001 - present

*Northeast Branch American Society for Microbiology*, 1999 -present

## **EMPLOYMENT:**

1. **Head & Neck Specialty Group of NH** Somersworth, NH 03878  
May 1994 - present

### **Duties:**

- a. Laboratory: Supervisor of (High Complexity) Laboratory. Testing includes Bacteriology of the Head and Neck, Allergy Testing via EIA, Rapid Strep detection, Monospot, Dipstick Urinalysis, Phlebotomy, Quality Control, Quality Assurance, Safety, Supervision of Nursing Personnel in performance of Moderate Complexity Testing and Waived tests. Inventory and Ordering of supplies, cost analyses.
  - b. Audiology: Audiology Technician. Performs Audiologic exams to include tympanometry, acoustic reflexes and decay, audiogram. Performs Glycerine testing.
- c. Vestibular testing: Performs Electronystagmography (ENG), and Vestibular Auto Rotation (VATS) on patients with disequilibrium.
- d. Immunotherapy Program: Administers allergy shots. Monitors patients who receive shots. Mixes Immunotherapy vials, test and treatment boards, inventories allergenic extracts. Performs Skin End Point Titration (SET) and Provocation/Neutralization (P/N) allergy testing.
- e. Media: Responsible for technical aspects of endoscopic procedures, i.e., set up and maintenance of video equipment and printing of hard copies of photos for  
Other duties: Backup assistance for Otolaryngologists in daily office routine: Performance of X-rays, taking of cultures. in-office surgical procedures, booking surgeries and outpatient procedures, arranging referrals. Instrument sterilization, telephone triage, calling prescription orders.

2. **Wentworth-Douglass Hospital Microbiology Laboratory**, Dover, NH 03820  
Dates: March 30, 1980 - May 6, 1994

Duties: Senior Technologist 1992-1994. Bench tech in Microbiology 1980 - 1992. Performance of bench duties to include Aerobic and Anaerobic Bacteriology, Parasitology, Mycology, and Mycobacteriology (smears). Performance of all aspects of Quality Control, Quality Assurance. Familiarity with Microscan Identification and Sensitivity system, Kirby-Bauer sensitivities, api®, Micro-ID®, Quadferm®, Rapid NH, NF/ID®. Wrote manuals for performance of Microbiologic Procedures according to NCCLS.

3. York Hospital **Laboratory**, York, *ME*, November 1977 - March 1980

Duties: Laboratory Generalist, performing bench tech duties in all aspects of Urinalysis, Chemistry, Blood Bank, Hematology, and Phlebotomy.