

CDC's Amazing Laboratories

A Few Milestones in CDC Laboratory Science (1946-1996)

1940's

- 1946** 🌐 Communicable Disease Center Laboratories Established at Chamblee
- 1947** 🌐 Bureaus of Laboratory (Parasitology, Virology, and Bacteriology) Epidemiology and Training Established

1950's

- 1950** 🌐 Grady Memorial Hospital CDC Clinical Pathology Laboratories Established
- 1955** 🌐 Fluorescent Antibody Test Developed Speeding Diagnosis of Infectious Disease
- 1957** 🌐 Cholesterol Standardization Program Begins

1960's

- 1960** 🌐 CDC Clifton Road Laboratories Open
- 1961** 🌐 National Laboratory Improvement Program to Standardize Diagnostic Tests
- 1966** 🌐 Rapid Method for Diagnosis of Smallpox
- 1968** 🌐 PKU Standardization Program Initiated
- 1969** 🌐 Clinical Laboratory Licensure Program under CLIA '67
 - 🌐 Monoclonal Antibody Test for Lassa Virus Developed

1970's

























- 1973** 🌐 NIOSH Research Laboratories Established
- 1976** 🌐 Causative Organism for Legionnaires Disease Isolated
 - 🌐 Ebola Virus Identified as Cause of Hemorrhagic Fever
- 1977** 🌐 Fibrous Aerosol Monitor Developed
- 1978** 🌐 Hematofluorometer Improves Screening for Childhood Lead Poisoning
 - 🌐 Expanded Maximum Containment Laboratory

1980's

- 1980** 🌐 Monoclonal Antibody Panel for Rabies Viruses Developed
 - 🌐 Award for Design of Aerodynamic Particle Sizer

1990's

- 1990** 🌐 HIV Strain Testing Points to Transmission to Patient during Dental Procedures
- 1991** 🌐 CDC Receives Lead Responsibility for PHS for CLIA '88

- 1981  *Staphylococcus aureus* Probable Cause of Toxic Shock Syndrome
- 1982  Foodborne *E. coli* O157:H7 Linked to Hemorrhagic Colitis
- 1983  AIDS Antibody Tests Developed
 -  Correlation between Use of Leaded Gasoline and Blood Lead Levels
- 1985  Increased Awareness of Multidrug-Resistant Bacteria
- 1986  New Method to Assess Exposure to Environmental Toxicants
- 1988  Public Health Laboratory Information System Launched
 -  Third National Health and Nutrition Examination Survey Launched
 -  New BSL-4 Laboratory Opened
- 1989  National Laboratory Training Network Established
 -  Identification of Agent causing Non-A, Non-B Hepatitis
 -  New Diagnostic Technique for Filoviruses Causing Hemorrhagic Fevers
- 1992  CDC Recommends Use of Folic Acid to Reduce Neural Tube Defects
 -  Method for Cotinine Analysis, which Indicates Amount of Smoke Exposure
 -  Serologic Test for Cat-Scratch Disease Developed
 -  First Biotechnology Patent Awarded to CDC Scientist
- 1993  Hanta Virus Identified as Cause for Pulmonary Syndrome
 -  Determines DNA Sequence for Smallpox Virus Genome Strain
 -  Outbreak of Illness Traced to *Cryptosporidium* in Drinking Water
- 1994  Method to Determine Fiber Length Developed for Use in Lung Disease Research
 -  Effect on Reproductive Hormones Found in Workers Exposed to Dioxin
- 1995  NLTN Sponsors 215 Training Courses Reaching over 10,000 Participants
 -  Test Developed for Rapid Diagnosis of Ebola Virus
- 1996  PCR Assay for Malaria Developed



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