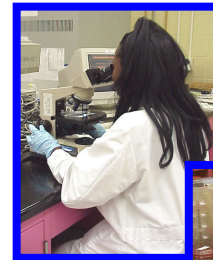


Interested in a Career that Blends Science and Medicine? It Can Be Yours NOW!

**You Can Graduate with a BS Degree and
Start Your Career with Salaries from 50 to 60K in the
Clinical Laboratory and Biomedical Sciences**

Cytotechnology Program

Cytotechnologists use microscopic, histochemical and molecular techniques to examine cells from all body sources collected by swab or fine needle biopsy. They work closely with cytopathologists to analyze microscopic cellular changes to determine the presence of cancerous, infectious or benign diseases.

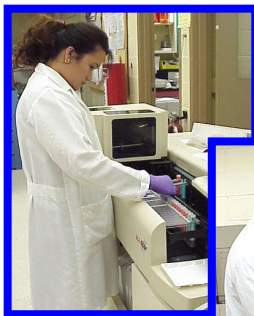


CLS Career Opportunities:

- Hospital, physician office, veterinary, and commercial medical laboratories
- Pharmaceutical, cosmetic and chemical industries
- Research and teaching institutions
- Forensic and law enforcement laboratories
- Local and state public health departments
- Advanced degrees in medicine, dentistry
- Masters and doctoral degrees in biomedical sciences

Medical Laboratory Science Program

Medical Laboratory Scientists use sophisticated instruments and biochemical, microscopic, molecular, and immunological techniques to analyze medical specimens. They provide essential information to physicians about the presence, extent or absence of disease, as well as the effectiveness of treatment. They also apply their biomedical expertise in many areas such as cancer research, stem cell and organ transplantation, and infectious and genetic disease testing.



Curricula consists of classroom instruction and practical experiences in clinical laboratories of affiliated hospitals and reference laboratories. Additional experiences are provided in statistical analysis, molecular diagnostics, management, research methods, and instrumentation.

SALARIES OF CLINICAL LABORATORY PROFESSIONALS IN THE NEWARK NJ METROPOLITAN AREA

	Low	Median	High
Cytotechnologists	65,477	77,659	82,888
Medical Technologists	60,348	71,970	77,388
Laboratory Information Systems Coordinator	68,190	85,709	93,329
Laboratory Supervisor II	70,471	92,553	103,342
Laboratory Manager	80,721	109,871	124,597
Laboratory Services Director	108,040	135,012	147,977

<http://www.salary.com> August 2009

NJ HOSPITAL WORKFORCE SURVEY – 2003

Vacancy rate for NJ hospital laboratory personnel: **13.6%**
5x as many positions for medical laboratory scientists as graduates in NJ

2003 Workforce survey of hospital clinical laboratories in New Jersey. *Clin Lab Sci*, 18:100-106, 2005.

NATIONAL VACANCY RATES

Cytotechnologist	4.1%
Medical Laboratory Scientist	4.3%

2003 Wage and Vacancy Survey of Medical Laboratories, *Lab Med*, 36:149-157, Mar. 2005

WHERE ARE SOME OF OUR GRADUATES EMPLOYED?

They are scientists and specialists at:

- Quest Diagnostics
- Ortho Diagnostics
- Hoffman-LaRoche
- Children's Hospital of Philadelphia – Blood Bank
- Somerset Medical Center – Microbiologist
- NJ Blood Services, Reference Laboratory Technologist
- UMDNJ-NJ Medical School, Flow Cytometry Laboratory
- UMDNJ-University Hospital – Blood Bank Supervisor
- Memorial Sloan Kettering Cancer Center - Cellular Immunology
- NJ Organ and Tissue Sharing Network – Histocompatibility Specialist
- American Red Cross National testing Lab – Nucleic Acid Testing
- UMDNJ-NJ Medical School, Molecular Diagnostics Laboratory
- National Institute of Health, Immunohematology Fellowship
- Robert Wood Johnson, University Hospital Chemistry Laboratory
- Newark Beth Israel Medical Center – Point of Care Testing Coordinator
- And many more.....

FOR INFORMATION, TOURS, AND APPLICATION MATERIALS CONTACT:

<http://shrp.umdni.edu/program/cls/index.htm>
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