

DEPARTMENT OF MEDICAL TECHNOLOGY YEAR END REPORT: 2001-2002

August 1, 2002

**CYTOTECHNOLOGY AND HISTOTECHNOLOGY OPTIONS IN
CLINICAL LABORATORY SCIENCE**

Cytotechnology and Histotechnology were approved as options in Clinical Laboratory Science this past spring. Medical Technology completes the trio of choices students will now have in the field of Clinical Laboratory Science. Any of the three options can be completed in four years.

As with the Medical Technology Option, Cytotechnology and Histotechnology include a culminating clinical practicum experience. Graduates are fully prepared to practice within their respective professions.

Clinical Laboratory Science majors are in great demand. Between retirements and new positions, educational programs in the United States are not able to meet the demands of employers looking to fill positions. There are approximately 10-20% of the available positions currently unfilled, and this shortage is projected to become even more severe over the next 20 years. In Wisconsin, the only universities with active, accredited programs include UW Madison, UW Milwaukee, and UWSP.

DEPARTMENT ACTIVITIES

THIRD ANNUAL PRESENTATION DAY

The UWSP Department of Clinical Laboratory Science held the third annual Student Presentation Day. Research projects and case studies developed by students as part of their clinical Practicum were presented to faculty, staff, students, and guests on April 5th. Students also prepared posters that were displayed throughout the day in the Science Building. Presentations and posters covered an array of clinical topics. The Clinical Laboratory Science students exhibited poise, enthusiasm, and knowledge of their subject material. This experience will promote future professional growth, personal development, and presentations at professional meetings.

BLOOD DRIVES

The CLS Department and Sigma Mu Tau have sponsored two Blood Center donation drives. In addition to providing a service to the community, the blood drives provide valuable experience to CLS students.

NATIONAL CERTIFICATION EXAMINATIONS

2001 CLS graduates again performed well on the national certification exams. Over the last ten years, the pass-rate for UWSP students has been greater than 95%, while the national average is 65%.

WEB-BASED COURSES

The first CLS Web-based, Winterim course, CLS 295: Medical Terminology, was successfully offered this past January. Joyce Bulgrin has developed this course to be delivered as a "hybrid" course. Students are required to attend an introduction session and then a discussion/final exam session on campus. The remainder of the course is completed on-line.

CLINICAL SITES

Susan Raab has confirmed an additional six month clinical practicum site at ThedaCare in Neenah. There are currently five sites for six month clinical rotations, four sites in which students complete nine month clinical rotations, and two sites that are twelve months in length.

DEPARTMENT ADVISING UPDATE

Seventeen students will be applying for Clinical Practicum positions this fall, and fourteen students will begin their Clinical Practicum rotations. Approximately 140 students were advised as Medical Technology or Nursing majors in each of the past two semesters. Many Clinical Laboratory Science and Pre-Nursing majors continue to be non-traditional, second degree, and transfer students.

OPEN HOUSE

With all the “hands-on” activities, the CLS Department attracted over 500 visitors to the “laboratory experience.” Participants represented all ages.

DEPARTMENTAL AWARDS

The “**Friends of UWSP Department of Clinical Laboratory Science Award**” was presented to **Dr. Virginia Narlock**, Marshfield Clinics. Dr. Narlock has been an active professional and an employee of Marshfield Clinic for over 40 years. She has served as the Program Director for Laboratory Education since 1975. With a continuous affiliation with the UWSP CLS Program, Dr. Narlock has provided clinical experiences and professional guidance to nearly 100 UWSP CLS students.

The “**Outstanding Alumni**” Award was presented to **Mr. Albert Au**. Mr. Au was a 1979 graduate of the UWSP CLS Medical Technology Program. He has been employed at UCLA Medical Center for over twenty years, serving in a multitude of leadership positions. For the past four years, he has served as the Performance Improvement Coordinator for the Medical Center.

MED TECH STAFF NEWS

Susan Raab

- Co-authored and presented a poster session, “Course Management Systems: WebCT versus Prometheus,” at the annual Clinical Laboratory Educators’ Conference in Honolulu, Hawaii in February 2002.
- Developed six month clinical practicum site at ThedaCare in Neenah
- Taught clinical courses in Hematology and Immunohematology via distance education technology to UW LC students
- Assisted in the development and the teaching of a new Web-based course series in Clinical Correlations
- Developing course management system for eleven clinical sites.

David Chitharanjan

- Redesigned Molecular Pathology course (CLS 465) in cooperation with Michelle Shulfer
- Collaborating with Susan Raab in revising the CLS 395: Environment Health, and Technology course.

Joyce Bulgrin

- Co-authored and presented a poster session comparing computer course management systems at the annual Clinical Laboratory Educators’ Conference in Honolulu, Hawaii in February 2002.
- Offered Web-based course, CLS 295: Medical Terminology course during the 2002 Winterim.
- Assisted in the development and the teaching of a new Web-based course series in Clinical Correlations
- Presented sessions for “Women In Science”
- Assisted in coordinating CLS activities for the UWSP Open House

Michelle Shulfer

- Developed Safety Tutorial for CLS students
- Advised student organization, Sigma Mu Tau
- Coordinated Blood Drives with the Blood Center
- Assisted in the development and the teaching of a new Web-based course series in Clinical Correlations
- Coordinated CLS activities for the UWSP Open House
- Assisted in presenting sessions for “Women in Science”
- Developing CLS 105 as Web-based course

***Nancy Habermann*, CLS Office Manager**

- Accepted position in December 2001; learning the administrative responsibilities of the department
- Coordinated student volunteers and call-in donors for the Blood Center donation drives
- Serving as member of the Classified Staff Advisory Committee

- Serving as CSAC's representative to the Cabinet
- Serving as member of the campus American Heart Association Committee, working to increase donations through fund-raising activities

STUDENTS AND ACTIVITIES

STUDENTS PRESENT AT STATE CONVENTION

Junior, senior, and clinical students attended the Wisconsin Society for Clinical Laboratory Science (WISCLS) state convention held in Peewaukee from April 17-19. The clinical students submitted and presented their posters at this event. With nearly 400 attendees over the three days, these graduates had the opportunity to share and discuss their case studies or research projects with laboratory professionals. The students learned about the advantages of professional "networking!"

NATIONAL SCHOLARSHIPS

UWSP students again demonstrated excellence by receiving three national scholarships through ASCLS (American Society for Clinical Laboratory Science). Timothy Vue received the Dorothy Morrison Scholarship award. There is only one scholarship award of this kind awarded each year.

Jonathon Gierman and LeeAnn Heisler received Alpha Mu Tau Scholarship awards. Approximately fifteen of these national scholarships are awarded each year. We take great pride in the accomplishments of our students!

DEPARTMENT AND UNIVERSITY STUDENT AWARDS

An awards reception was held on Friday, April 5, in the Legacy Room, UWSP. Department scholarships in an amount totaling \$1675 were distributed to students who will begin their Clinical Practicum experience this Fall. Five students received the CPS Dean's Awards. Additional scholarships of nearly \$3000 were also distributed this spring by the Partners with St. Joseph's Hospital of Marshfield and St. Michael's Hospital Auxiliary.

SIGMA MU TAU STUDENT ORGANIZATION

Clinical Laboratory Science, Nursing, and other health professional majors constitute membership in this organization. Social and educational programs included:

- Co-sponsored with the Pre-Med Society - Presentations on "Cloning" and "Gaining Admission to Medical School," by Dr. Lloyd Arnold, Pathologist at St. Michael's Hospital and Medical Director of the CLS Program
- Two Blood Drives
- Two Bake Sales for Tammy Feltz Memorial Scholarship
- Fund-raising – brat sale
- Fund-raising – first aid kits
- Raised \$200 for medical relief program for an orphanage in Peru
- Halloween bowling party
- Christmas – pizza party and bowling