

TECH'S TALK

CLINICAL LABORATORY SCIENCES PROGRAM
CENTER FOR ALLIED HEALTH PROGRAMS
UNIVERSITY OF MINNESOTA

INSIDE THIS ISSUE:

FROM THE DIRECTORS 2

**MARY DAMRON HONORED/
NEW CLS FACES** 3

ANNIVERSARY CLASSES 4

2009 CONTRIBUTORS 5

**2009 BANQUET PHOTOS/
KATHY HANSEN HONORED** 6

2010 BANQUET RESERVATION FORM 7

GRACE MARY EDERER HONORED 8

SPECIAL POINTS OF INTEREST:

- Read about CLS Class of 2009 graduates p. 1.
- Meet newly hired CLS faculty, with familiar faces p. 3.
- RSVP for the CLS Annual Banquet p.7.
- Get Laboratory Collaborative State Meeting information p. 8.

FIRST ROCHESTER CLS GRADUATING CLASS

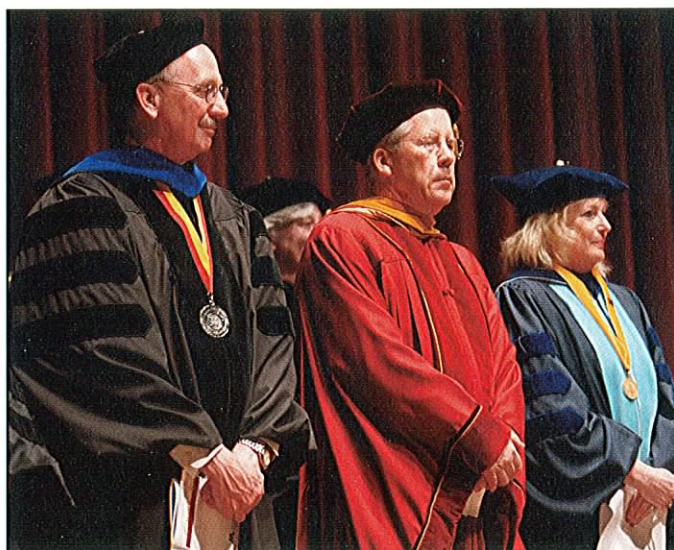
December 18, 2009 marked many firsts for the Clinical Laboratory Sciences Program. This was graduation day, not only for the first graduating class under the new Clinical Laboratory Sciences hybrid curriculum, but for the first graduating class from the University of Minnesota, Rochester campus. It was also the first combined graduation ceremony for the programs in the Center for Allied Health Programs (CAHP). Dr. Cindee Quake-Rapp, Director for the CAHP, led the procession carrying the University of Minnesota mace. Graduates from both the Clinical Laboratory Sciences Program and the Occupational Therapy Program from both campuses were conferred their degrees by the Honorable Richard Beeson, Regent of the University of Minnesota. Dr. Richard Oliver, Dean of the School of Health Professions at the University of Missouri-Columbia, gave the commencement address. Dr. Oliver received his training as a medical technologist at the University of Missouri. He is a nationally known expert in allied health professions and is currently the president of the Allied Health Research Institute, a national academic, private-industry coalition working to solve the allied health workforce shortage.

Forty-six Clinical Laboratory Sciences (CLS) students were in this year's graduating class. Class President, Matthew Wilkie,

addressed the audience in Ted Mann Concert Hall, informing parents and friends about the profession, the challenges that had been overcome, and the friendships that had developed over the past year. Among this year's graduates, Ashley Spahn graduated with high distinction (grade point average 3.9 or higher), and Afi Gbati graduated with distinction (GPA 3.75 or higher). Although the combined CAHP ceremony was somewhat different than it had been in past years,

many things remained the same. The new graduates stood together to recite the Clinical Laboratory Science Oath, and still walked across the stage to receive their diploma and a handshake, (and in many cases a hug) from Interim Program Director Donna Spannaus-Martin.

The ceremony and the reception that followed were held in the Ted Mann Concert Hall on the West Bank of the University of Minnesota campus. Congratulations, graduates!



University of Minnesota Rochester Chancellor Dr. Stephen Lehmkuhle, Regent Richard Beeson, and Dr. Cindee Quake-Rapp look on as the CAHP 2009 graduating class processes in for the ceremony.

CLS PROGRAM DIRECTOR



I recently returned from the Clinical Laboratory Educators Conference (CLEC) held in Biloxi, Mississippi this year. CLEC is an annual conference that began in Minnesota in 1985. I was proud to see University of North Carolina at Chapel Hill CLS Program Director Dr. Sue Beck, a University of Minnesota alumna, talk about her attendance at the first CLEC. She spoke about how so many of the issues that

university CLS programs are facing now were the same issues discussed in 1985. The faculty then and now continue to have high teaching loads, yet as university faculty, they must still find time to do the research necessary to advance the profession.

Although many of the issues we have to deal with have remained the same, and our job is still to teach the students to become competent clinical laboratory scientists, the tools that we have available to us to do that job have changed drastically in the twenty-five years since that first CLEC. Students are no longer limited to sitting in a classroom listening to lectures. They can now go online to listen to lectures and watch an online video demonstration of the laboratory technique they will be performing in that afternoon's laboratory exercise. In the case of the hemostasis laboratory, Cheryl Swinehart has been able to replace all of the laboratory exercises with simulated online testing available at the student's convenience. Students can listen to a lecture and view the slides on their iPods as they ride the bus into campus. An iSeek grant has allowed Drs. Stephen Wiesner and Nicole Zitterkopf to produce digitally scanned versions of blood smears and gram-stained slides which will allow students to practice the identification of cells and micro-organisms from anywhere using the internet almost as if they were looking into a virtual microscope.

These new technologies are allowing us to look at teaching in a whole new way, and the Center for Allied Health Professions encourages faculty to combine their research and teaching roles to look at the scholarship of teaching in this new world of technology-enhanced learning. The University of Minnesota has become part of a community using Quality Matters, a system that helps assure that the hybrid and online courses meet the high standards that are expected and necessary in clinical laboratory education. All of these technologies will help our CLS program meet the workforce needs of the State of Minnesota, the needs of today's students, and the needs of tomorrow's laboratory professionals.

Donna J. Spannaus-Martin, Ph.D., MLS
Interim Program Director and Associate Professor
Clinical Laboratory Sciences Program

CAHP DIRECTOR



It has been one year since I became the Director of the Center for Allied Health Programs, and I must keep in mind that this has been a defining year for the Program in Clinical Laboratory Sciences. This extraordinary year underscores the ongoing accomplishments of a program that continues to produce the largest number of clinical laboratory professionals in the State of Minnesota and is doing so by

delivering state-of-the-art, technology-enhanced education. In the past year, student enrollment has doubled at the University of Minnesota, Rochester campus and is at maximum capacity on the Twin Cities campus. A successful effort to expand clinical rotations to rural sites outside of the metropolitan area has increased student awareness of the need for laboratorians and of career opportunities throughout Minnesota. Also in the past year, the program has gone through dual reviews, which included an intensive external review by leaders in clinical laboratory science education, and successful re-accreditation by NAACLS through 2016. Dr. Donna Spannaus-Martin has done a stellar job of leading the program as the interim program director as we search for a permanent replacement for Dr. Carol Wells, who left us last May. We are approaching a critical mass of extraordinary faculty members with diverse areas of specialization, and have added laboratory specialists who provide critical instruction to our students in state-of-the-art laboratories in the Twin Cities and Rochester. There are many challenges ahead as we continue to face budget deficits and a looming shortage of clinical laboratory professionals in the state and the nation, but we reaffirm our conviction that the Program in Clinical Laboratory Sciences will make a difference by preparing students to meet these challenges.

Cindee Quake-Rapp, Ph.D.
Director
Center for Allied Health Programs



Editor:
Donna J. Spannaus-Martin

Contributors:

- | | |
|--------------------|-------------------|
| Claire Bjorklund | Cindee Quake-Rapp |
| Patricia Brennecke | Patricia Solberg |
| Chris Desens | Cheryl Swinehart |

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Center for Allied Health Programs**

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This year, we were privileged to honor an alumna from the 75th year anniversary Class of 1934, Ms. Mary Damron. Mary regularly attends the CLS Alumni Banquets, which allows many of her former co-workers and students an opportunity to catch up on everything she has been doing, and news of her family.

The program in Medical Technology began in 1923, so when Mary graduated, the program would have been considered fairly new. Few clinical laboratory programs existed at that time and University of Minnesota graduates were highly regarded. Hospitals around the country would write asking for graduates to consider employment with them. Mary recalls in March, 1939, she was sent a letter from Helen Knudsen, the program director at the time, informing her that a New York hospital was seeking a graduate of the University of Minnesota Medical Technology program for employment to replace the current employee, also a University of Minnesota graduate, who was leaving to get married. The salary was \$175 a month, at a time when the average salary for medical technologists was \$150 a month.

Mary didn't take that position, but she did take advantage of opportunities to work around the country and the world. She worked in West Virginia, Connecticut, Trinidad, British West Indies, and Washington, D.C. Mary met Red Damron while working in Trinidad. They married and eventually moved back to Minnesota. Mary and Red lived in Willmar, MN and raised two children.

In 1961, the children were grown up, and Mary felt inspired to return to the clinical laboratory. The Damrons moved to Minneapolis, where Mary took an MT refresher course at the University of Minnesota, and then started working and teaching. Mary was influential in teaching urinalysis to many laboratorians in Minnesota and around the country. Her enthusiasm for her work and the profession is the same enthusiasm she has for her family and her retirement activities.

NEW CLS FACULTY AND STAFF (BUT WITH FAMILIAR FACES)



Our newest assistant professor is a familiar face to many of you. **Nancy Brunzel** returned to the Clinical Laboratory Sciences Program in October, 2009. Nancy left our staff in 2004 after 25 years of service to the Medical Technology Program and after a two year hiatus, took a position with Access Genetics. She was the Education Coordinator at Medtox Laboratories just prior to returning to our Clinical Laboratory Sciences Program, where she can now be found teaching clinical chemistry and urinalysis to the students. Nancy has jumped right into the development of our hybrid curriculum. She is becoming a certified *Quality Matters* course reviewer and will be assisting other faculty in the delivery of quality online and hybrid CLS courses. Nancy is enjoying being back at the university and is looking forward to trying out the new educational technologies available to her.



Chris Desens (Class of 2007) joined our Rochester staff this summer as a teaching specialist. Chris received a BA in biology in 1998. He then worked in various roles before landing an opportunity in a large manufacturing company in the Twin Cities. Chris spent the next six years working in the business world before returning to school. He graduated from the Medical Technology Program in 2007, and moved to Rochester to work at the Mayo Clinic in their Special Coagulation Laboratory. With the expansion of the CLS program in Rochester, Chris left Mayo after one and a half years of service to fill the open teaching specialist position. Chris enjoys living in Rochester with his wife and their four year old daughter.

Welcome back, Nancy and Chris!

TECH'S TALK GOES DIGITAL!

In an effort to become more environmentally friendly, while also acting as good stewards of the funds we have during these difficult economic times, we will be converting Tech's Talk to an online format next year. As the Clinical Laboratory Sciences Program begins a redesign of our website, an online version of the newsletter will give us the opportunity to share the archived Tech's Talk issues from 1947 to the present. For example, you'll be able to read that in 1947, the speaker for the banquet was Dr. Richard Varco, a pioneer in heart surgery, senior students provided the entertainment, and the cost of the dinner was \$1.35.

We know some of you may not have access to the Internet, or may not be comfortable in this digital world. We will be sending out more information later this year for you to respond if you would prefer to receive a paper copy, and provide information about the new features of our web site. For those of you who enjoy living in this digital world, you can get updates about the Clinical Laboratory Sciences Program on our University of Minnesota Clinical Laboratory Sciences Facebook page.

CLASS OF 1935 (75TH ANNIVERSARY)

Charlotte Arnoldy Buchen
Helene Berens Youel
Gertrude Braufman Stein
**Eleanor Brenny
**Mary Bushfield Work
**Elsie Carlson
Francis Clark Plaas
**Alta Davis Kuhn
**Marion Diehl Templeton
**Phyllis Downey
**Thelma Erickson
Minnie Evanson
John Fahey

**Dorothy Ferguson
Audrey Fjelde
Nancy Harrison Butler
Frances Hilden Pliske
Edna Houge Urenn
Francis Jacobs Levine
**Grace E. Johnson
**Linnea Johnson Rovainen
**Cecelia Kramer Naegeli
Alice Lee
Loanna Miller Norris
Martha Morgan Park
Margaret Norman Halstad

**Margaret Peterson Rasmusson
Evaline Purdon Johnston
Dorothy Reger
Elizabeth Robinson
Dorothy Schroeder Eginton
Marcia Shellenbarger Dalrymple
**Charles Shields
**Genevieve Simser Coombs
**Helen Spittler Seltz
**Ruth Tessman
Catherine VanSickle Stone
Anna Wiener

CLASS OF 1960 (50TH ANNIVERSARY)

Joan Aldrich
Judy Baker Schelde
**Karen Bisset Schreiner
Ruth Brown Anderson
Mary Cervenka Zweber
Anna Cihac
Kathleen Dahle Moss
Donna Dauwalter Dzubay
Patricia Eans Pichering

Loretta Evenocheck Lorenzo
Joanne Floeder Stemper
Lynn Flory Shaw
Jessie Hansen
Betty Hanson Hayes
Marilyn Hopp Koepcke
Phyllis Horovitz Hoffman
Jean Hyslop Carlson
June Inoshita Fukanaga

Aija Kancitis Vikmanis
Mary Klun Cameron
Linda Mack Schloff
Paula Makinen Orland
Lucia Mandil
Patricia Maser Koors
Carol Nelson Tiernan
Sydne Nolden Hellmer
Carole Sahlstrand
Carol Timmons Wallestad

CLASS OF 1985 (25TH ANNIVERSARY)

Hengameh Agha-Sharief
Beverly Anderson Ness
Jane Barbour Kreyer
Renee Bennett
Bridgett Cavanaugh Clark
Robert Dahl
Debra Glaeser Bistodeau
Debra (Debby) Hammons Berry
Judi Iverson Micholic

**Jennifer Kissling Dupre
John Knuth
Shari Lindberg Honeycutt
Greg Meier
Brian Meline
Catherine Mueller Esades
Hang Thi Nguyen
Leann Oseth
Nancy Parker
Bernadette Pegors Thompson

Charlotte Rensch
**Kevin Schneider
Cheryl Scott
Jean Sonstegaard Sevcik
Rita (Spinler) Jacobson
Dana Taufen Arnold
Kathy Trettel Litchfield
Payam Tristani-Firouzi
Marilyn Wolters Pennington
Lisa Zelgert

**Deceased

If you are a member of an anniversary class, please make a special effort to attend the annual alumni banquet. The reservation form is on page 7. Classmates from the anniversary classes will be seated together, so you will have the opportunity to renew friendships.

2009 CONTRIBUTORS

THE FOLLOWING CONTRIBUTED \$100 OR MORE TO THE
CLINICAL LABORATORY SCIENCES PROGRAM IN 2009

Page 5

\$5,000-\$100,000

Verna E. Mallek

Toni D. Okada

\$1,000-\$4,999

Marcine J. Forrette

Ella M. Spanjers

Karin J. Libby

Verne E. and Phyllis Weiss

\$500-\$999

Lorna H Canfield

Stella S. Cook

Susan K. Fautsch

Audrey L. Christenson Estate

Mary Jane Eaves-Raich

General Mills Foundation

Sally J. Economon

Andrew R. Yue

\$300-\$499

Joanne S. Arvid

Joette G. DuBois McClintock

Ethel Rodriguez

Robert A. Dahl

Gerald R. Mulcahy

Igor Semenenko

Todd & Mary Jacobson

David & Mary Jo Pennington

Mary K. Weimer

\$100-\$299

Patricia A. Ackerman

Harris J. & Helen M.

Connie J. Luebke

Laura G. Rude

Susan A. Adlis

Hallgren

Marilyn J. Lueck

Dr. James G. Ruggles

Fritz & Carol Arnason

Dr. Marilyn Halonen

Kay M. Malerich

Jean M. Rysavy

Nancy C. Ballot

Ruth M. Hartman

R. Lucille Malmo

Rodney J. Sandberg

Ann C. Benson

Charles & Marlene

Jane F. Mayer

Norynne M. Schiminsky

Joyce A. Blomquist

Hedenstrom Fund

Betty L. McMartin

Melicent E. Schmidt

Harriet I. Brown

Marlene J. Hedenstrom

Barbara G. Melamed

Dr. Paul C. Schreckenberger

Marilyn T. Budge

Jacquelin A. Heggernes

Diane M. Michalik

John & Terese Shearer

Michelle V. Wieland-Cain

Robert P. Hirte

Jean H. Mulvahill

Kay M. Sirianni

Karen M. Chatt

Karen Kloss Huff

Donald & Kathleen Nadreau

Joanne E. Stemper

Sheila M. Clough

Jean E. Hulbert

Joann M. Nelson

Patrick L. Sullivan &

Geraldine M. Cochran

Phyllis Jacobs

Beverly R. Ness

Kathleen Pflgebraar

Virginia R. Coxé

Rita M. Jacobson

Patricia L. Norgren

Dr. Michael & Kathleen Tekautz

Larry M. Davidson

Patricia K. Johnson

Jeanne C. Olsen

Naomi M. Thompson

Joy J. Dean

James & Mary Kane

James R. & Cheryl Olson Jr.

Katherine A. Vagts

Sharon M. Deml

Dorothy K. Karlen

Dr. Paula M. Orkand

Constance C. Verre

Dr. Robert Dexter

Dr. Karen Karni

Shirley L. Orth

Aija K. Vikmanis

Robin L. Donner

Elizabeth M. Kearney

Lou Ann Page

Nettie M. Warwood

Grace Mary Ederer

Barbara M. Koblinski

Diane M. Patty

Dr. Robert and Karen Wasson

B. Laurel Elder

Patricia L. Koors

Elberta L. Prestegard

Marilee Husinga Welliver

Ernst & Young Foundation

George Kuprian

Amy L. Raether

Dr. Kristi L. Werdin

Helen Fowler

Gayle A. Lancette

Kathryn L. Rantala

Kathleen M. White

Linda L. Fredrickson

Vicki L. Larson

Kathleen Reimers

Joyce M. Wian

Muriel O. French

Mary H. Lazarus

Karen M. Ringsrud

Donna J. Wieb

Reggie L. Gausman

A. Paul & Carol Lehman

Roche Foundation

Dr. Stephen M. Wiesner

Mardie G. Geiser

Mary M. Lerick

Debra C. Rodahl

Xcel Energy Foundation

Mary Ann Gomsí

Jean J. Linné

Delores Roesler

Darlene E. Zimmer Schneider

Marilyn R. Haglund

Marnie J. Loven-Bell

Ruth M. Rosendahl

CLASS OF 1959 REUNION

Row 1: Livija Vilinskis, Kay L. Draves

Row 2: Grace Engler Anderson, Sharom Malmstrom Bastian, Joy Elliasen Sacre, Jeanette Frazier George, Darlene Howe Schneider, Suzanne Renaud Miller

Row 3: Karen Gates Lofsness, Barbara Flueger Jackson, Arlyce Rylander Anderson, Alice Prechal Aamodt, Patricia Chambers Kriesel (hidden), Phyllis Segal Post



CLASS OF 1984 REUNION

Left to Right: Brian Lauber, Dawn Sheppard, and Gregory Rynders

KATHY HANSON GIVEN FRIEND OF CLS AWARD

Kathy Hansen was selected by the alumni as the 2009 Friend of Clinical Laboratory Science for her legislative efforts for the profession. Kathy has dedicated years of leadership to the laboratory profession, holding many local and national offices in professional organizations. She has been President of the American Society for Clinical Laboratory Science, American Society for Clinical Laboratory Science-Minnesota, National Credentialing Agency, and she served as Chair of the ASCLS Government Affairs Committee. Kathy currently serves on the Joint Commission Professional Technical Advisory Committee, the Minnesota Medicare Carrier Advisory Committee, Minnesota Health Education Industry Partnership, the Minnesota Laboratory Licensure Coalition, and the newly formed Board of Certification of the American Society for Clinical Pathology.

Kathy received her BS degree in Medical Technology from Macalester College. After graduation, Kathy accepted a position at the University Hospital as a Medical Technologist, and eventually became the Director of Laboratory Operations. Although she retired from the University of Minnesota Hospital—Fairview in 2009, she continues to work as a technical consultant. Kathy has focused much of her time on the laboratory licensure issue in Minnesota. Although the bill did not move forward in the 2010 session, we can hopefully join Kathy and the others in the Licensure Coalition in working for licensure next year.

Along with her professional accomplishments Kathy also volunteers in her church and community. Kathy and her husband Lee have two children and 3 grandchildren.



Kathy Hansen received the Friend of Clinical Laboratory Sciences Award at the 2009 Alumni Banquet.

**ANNUAL BANQUET NEWS
FOR ALUMNI AND FRIENDS OF CLINICAL LABORATORY SCIENCES**

Join us at the Ramada Plaza Minneapolis for this year's annual banquet and reunion.
Friends and spouses are welcome!

Date: Friday, April 23, 2010
5:30 p.m. Social hour with cash bar
6:30 p.m. Dinner with the program to follow

Place: Ramada Plaza Minneapolis
1330 Industrial Boulevard
Minneapolis, MN 55413 (612) 331-6827
Free parking available



Menu: Grilled Marinated Flank Steak
Served with green peppercorn sauce and mashed red potatoes
or
Herb Baked Tilapia
Served with coconut shrimp, sweet and sour sauce, and rice pilaf
or
Sonoma Chicken
Stuffed with goat cheese, spinach, and sun-dried tomatoes, topped with cream sauce and served with six grain pilaf

Includes: Garden salad, seasonal vegetables, warm rolls and butter
Dessert: Deep dish apple pie

If you prefer a vegetarian option, please call the CLS Office at 612-625-9490

Cost: Alumni Association Members \$36.00
Nonmembers \$38.00

Special recognition will be given to the classes of 1935 (75 years), 1960 (50 years), 1985 (25 years), and to the 88th graduating class of 2010.

Deadline for reservations: April 9, 2010. Send in your reservations early because seating is limited.

*This is the only mailing you will receive for the Clinical Laboratory Sciences Alumni Society Annual Banquet.
Please mark your calendar and return the reservation form below.*

From East
Follow I-94 west towards Minneapolis
Take Highway 280 north
Turn left onto Hennepin Avenue
Go to the second stoplight and turn right onto Industrial Boulevard
Hotel will be on the left

From North
Follow I-35W South
Take Industrial Boulevard exit (Exit #22)
Go left on Industrial Boulevard
The hotel will be on the right

From MSP International Airport
Follow I-494 west out of the airport
Take I-35W north to Industrial Boulevard (Exit #22)
The hotel will be on the right as you exit

From West
Follow I-94 east
Take I-35W north to Industrial Boulevard (Exit #22)
The hotel will be on the right as you exit

From South
Follow I-35W north
Take the Industrial Boulevard exit (#22)
The hotel will be on the right as you exit

Please reserve _____ place(s) for me at the Clinical Laboratory Sciences Alumni Dinner.

I enclose \$ _____ as payment.

Flank Steak _____ Tilapia _____ Chicken _____

Please reserve _____ seat(s) for me at the 1960 table.

Please reserve _____ seat(s) for me at the 1985 table. M.A.A. Member: Yes _____ No _____

Name (please print) _____ Class _____ M.A.A. # _____

Address: _____ Phone # (area code) _____

Guest Name (please print) _____

Make check payable to **University of Minnesota**. Reservations should be received by **April 9, 2010**.
Mail to: Clinical Laboratory Sciences Program, MMC 711, 420 Delaware Street SE, Minneapolis, MN 55455

Clinical Laboratory Sciences Program
Center for Allied Health Programs
University of Minnesota
Mayo Mail Code 711
420 Delaware St. S.E
Minneapolis, MN 55455

Forwarding Service Requested

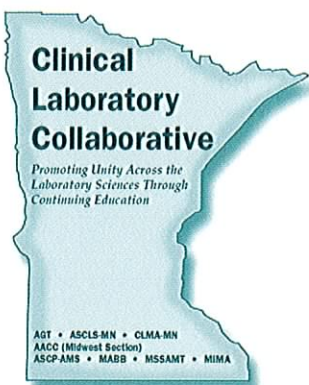
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GRACE MARY EDERER HONORED

Grace Mary Ederer, a former faculty member of the University of Minnesota's Medical Technology Program, was inducted into the Minnesota's Redwood Valley Schools' Hall of Fame, an honor recognizing her outstanding contributions to the field of medical technology/clinical laboratory science and for her service contributions.

Grace Mary graduated from the College of St. Catherine in 1940, and then did her Medical Technology internship at Providence Hospital in Detroit. She began her career as a chemist at Henry Ford Hospital, but returned to Minnesota during World War II to teach Cadet nursing students at the College of St. Catherine. She became manager of the Bacteriology Section at Northwestern Hospital. In 1952, she became an Administrative Laboratory Technologist at the University Hospital Microbiology Laboratory, where she stayed for 15 years. After earning a Masters in Public Health, Grace Mary began teaching Clinical Microbiology in the University of Minnesota's Medical Technology Program. Grace Mary developed the concept for a rotating device to improve the mixing of blood in collection tubes. These blood rotating devices are still standard equipment in many clinical laboratories across the country today.

She retired from teaching as a professor emerita in 1982, but she has remained active doing volunteer work and communicating with her former medical technology colleagues. Grace Mary also marked another important milestone in 2009. She celebrated her 90th birthday in the spring.



The 2010 Clinical Laboratory Collaborative meeting will be held May 24-26 at the Crowne Plaza in downtown St. Paul. The meeting will again run Monday to Wednesday. This year's theme is "Remembering the Past, Looking to the Future". This year's keynote speakers are:

Monday – Mary McLane, President of ASCLS – "Searching for the Face of the Clinical Laboratory"

Tuesday – Jeff Jacobs – "The Effects of Healthcare Reform"

Wednesday – Karen Karni – "Remembering Our History, Legacies that Shape Our Futures"

The three day sessions will include a variety of topics and the exhibit hall will feature all the latest in equipment and technologies in the laboratory field. The social event will be a night at the Minnesota History Center, which includes dinner followed by a chance to explore the many exhibits at the center.

A silent auction located in the exhibit hall, will take place to benefit the Children's Miracle Network. Registration forms and meeting program are available at the ASCLS-MN web site (www.asclsmn.org) under upcoming events.