

NEWSLINKS

MAY/JUNE 2018

AMERICAN SOCIETY FOR CLINICAL LABORATORY SCIENCE - MICHIGAN

VOLUME 30 NUMBER 3



President's Message

Increasing your professional visibility is as easy as 1-2-3 (4-5)!

Lindsy Hengesbach

Spring is a great time to celebrate the laboratory profession. We have the Legislative Symposium in Washington, D.C. followed by our fantastic Annual Meeting (kudos to the planning committee) and we end April with National Medical Laboratory Professionals Week. I don't know about you, but over the last two months I feel like I've made new connections, built my professional network and really gained some visibility at my organization. I don't want that to fade away, so I reached out to an expert in marketing and promotion to discuss how we as laboratorians can use momentum we've built to keep ourselves and our profession in the spotlight. Together we came up with a simple list of five activities to increase the visibility of yourself and your team at your institution. In doing so, you'll be increasing the visibility of your profession as well!

1. Have your elevator speech at the ready. An elevator speech is a quick one-minute introduction that can be used to inform or create interest. Be prepared to say who you are, what you do and the impact you have. Here's mine as an example:

"Hi. I'm Lindsy. I work in a lab where I develop and perform

genetic tests that identify diseases in animals. The work I do helps save the lives of pets, farm animals and wildlife."

Use this elevator speech when you meet an unfamiliar face at your institution. It is bound to start a discussion and you may find that you have more in common with the stranger sitting next to you than you knew.

- 2. **Get involved.** There are numerous ways to interact with colleagues inside and outside of our profession. This can be accomplished by volunteering to sit on a committee at work, sitting on a committee with your favorite professional organization (ASCLS has plenty of volunteer activities), volunteering for a charity, or serving as liaison to another organization. Getting involved gives you opportunities to network with other professionals and build your professional connections.
- 3. **Be the expert.** Speaking at professional meetings is another great way to increase your visibility. The 2019 Meeting Planning Committee will be putting out a call for abstracts next month. This is a great opportunity to demonstrate your expertise. If public speaking is not your thing, contribute

	President's Message	Pages 1-2
Pages 3-5	2018 Lab Profesionals Week	Pages 5-6
Page 7	ASCLS History : 1935 Exam	Page 8
Pages 9-10	Advertisement	Page 11
	Page 7	Pages 3-5 2018 Lab Profesionals Week Page 7 ASCLS History: 1935 Exam

to newsletters like Newslinks or your organizations newsletter. If your lab is working on a special project, get it published in a journal like CLS. Present an interesting case to the physicians or pathology group. Publish an article on an emerging disease in your organization's newsletter or blog.

4. **Share your story**. ASCLS has made sharing easy for it's members through it's Road to Understanding Project (http://www.ascls.org/advocacyissues/share-your-story). The stories here are personal, touching and demonstrate how laboratory professionals save lives. If you don't have a story read some that are here and share them with others. They are truly amazing.

5. Nominate someone for an award. Make sure your coworkers are getting recognition where it is deserved. ASCLS has numerous awards at the state, region and national level. Your institution has awards and recognition programs as well. Check with your HR department to see if there is a way to recognize the outstanding efforts of your colleagues.

This list is not all inclusive. Whatever you decide to do to improve the visibility of laboratory professionals, be sure to share tips, tricks and success. Most of our successes are gained through collaboration. By seeking recognition for your efforts, you bring favorable exposure for your team, your department, your entire organization and your profession.

Five Activities to Increase Professional Visibility: 1) Elevator Speech 2) Get Involved 3)Be the Expert 4) Share Your Story 5) Nominate & Recognize



American Society for Clinical Laboratory **Science** Michigan

ASCLS-Michigan *Newslinks*

A bi-monthly publication of the American Society for Clinical Laboratory Science -Michigan. Deadlines for articles are the 20th of Feb, Apr, Jun, Aug, Oct, & Dec. Articles must have name of author. Anonymous letters will not be published. The editor reserves the right to edit all materials submitted for publication. Articles appearing in Newslinks represent the opinion of the author and may not represent the opinion of the society.

Membership: Join ASCLS-Michigan by visiting the ASCLS web site: www.ascls.org/membership/app.pdf

Non-Member Subscriptions

(\$10 annually) should be made payable to ASCLS-Michigan and sent to:

> ASCLS MI Treasurer 5363 Drumheller Road Bath, MI 48808

Advertising: Reach hundreds of Clinical Laboratory Scientists and students! Advertising rates per issue:

Business Card (or 5 lines): \$25 1/4 Page Ad: \$50 1/2 Page Ad: \$100 Full Page Ad: \$200

ASCLS-MI Districts & Committees: no fee for announcements, ads or any other relevant and necessary forms of information. 10% discount for ASCLS members.

ASCLS-MI Leadership: Visit our web site at

www.ascls-michigan.org

for a complete listing and contact information for all ASCLS-MI board members and a wealth of other information on the Society.

Editor: Paul Guthrie

1506 Bacon Avenue Portage, MI 49002 pfgu3@aol.com



Meeting Packed Red Blood Cell Requirement for the TransMedics OCS Liver Transplantation Trial

Lindsey Wlosinski, MLS(ASCP)CM, SBBCM, Bill Madek, RN, Marwan Abouljoud, MD, Ileana Lopez-Plaza, MD. Henry Ford Transplant Institute and Department of Pathology and Laboratory Medicine

Introduction: Organ donation and subsequent transplantation has the potential to save countless lives and there are many behind-the-scenes factors that play into the final outcome. Although the blood bank assists in all actions where it is needed; the role of the blood bank is significant during liver transplant procedures. Beginning January, 2016, the Transfusion Service at Henry Ford Hospital, led by Dr. Ileana Lopez-Plaza, MD became involved in the TransMedics (OCS) liver transplantation trial with the goal of securing proper transfusion needs for liver donation just prior to transplant. This trial is headed by this facility's liver transplant team, including Bill Madek and Dr. Marwan Abouljoud, MD. From collaboration with the liver transplant team at this facility, and participating in the TransMedics (OCS) liver trial, the blood bank at Henry Ford Hospital has been able to provide evidence of successful blood inventory management and reduction in blood wastage during its involvement in this trial.

Background: The TransMedics (OCS) liver trial is an international, randomized trial studying the intervention of the portable OCS™ liver system on preserving donor livers for transplant. The OCSTM system utilizes an oxygenated blood-based perfusate mixed with a special nutrient solution for organ preservation and the blood bank at Henry Ford Hospital plays a role in providing the OCSTM system with materials for this process. The Transfusion Service at Henry Ford Hospital became involved in this trial as the provider of packed red blood cells (PRBCs) for the portable OCSTM system perfusate that is required for donor liver conservation. The perfusate may require as many as five units of PRBCs, though the final amount of PRBCs used during the trial is dictated by the condition and size of the study liver. The condition and size of the liver is unknown until the harvesting team retrieves the organ on-site. The transfusion service's involvement in this trial

surrounds the goal of securing proper transfusion needs for liver donation just prior to transplant while also adhering to blood inventory management.

Methods: Prior to the involvement of the blood bank, candidates for the OCSTM liver trial are selected based on pre-determined conditions. Enrollment for this study at Henry Ford Hospital began in January 2016, with inclusion criteria of (1) being a registered male or female primary liver transplant candidate, (2) aged ≥ 18 years old, and (3) providing all signed informed consent and disclosure forms provided.1 When an acceptable candidate for the OCSTM trial is selected and liver transplantation is scheduled, the transfusion medicine department gets involved in the process.

The Transfusion Service is informed of the initiation of an OCSTM study via phone call to the blood bank from the liver transplant team. The blood bank then prepares five group O Positive, leukoreduced PRBCs that are less than 10 days old to be used in the perfusate. These PRBCs are placed inside a temperature-controlled packaging container, along with a remote temperature-monitoring device. The temperature-controlled packaging container is stored at -30°C until it is thawed for use. Once thawed, the acceptable temperature range for the blood products stored within the container is 2-10 °C, and products may be stored for a maximum of 36 hours using this method. In order to review and monitor the storage temperature of these PRBCs, a remote temperaturemonitoring device is placed within the container. Once the insulated container is returned to the blood bank, the temperature-monitoring device can have its information digitally uploaded in order to make sure that the PRBCs have been stored within their proper temperature limits.

Once everything is prepared, the container is then picked up by the harvesting team and transported

along with the OCSTM device to the harvesting location. In order to document the distribution and return of PRBCs to and from the blood bank during this trial, the OCSTM team member picking up the container is required to assist the blood bank medical technologist in filling out all documentation pertaining to the OCSTM trial at hand (Doc.1, Doc.2). Proper documentation of all blood products used and returned during this trial have allowed both the Transfusion Service, and the transplantation team to maintain an open dialogue regarding the

circumstances under which units are not used for an OCSTM trial. Alongside detailed documentation, the joint use of a temperature-controlled container and remote temperature-monitoring device allows for the return of unused PRBCs from the OCSTM trial to the Transfusion Service blood inventory, thus avoiding any wastage.

Results: Since its initiation, the blood bank at Henry Ford Hospital has provided transfusion products for 16 OCSTM liver transplant trial procedures (Table 1):

		Transported	Utilized	Returned	Wasted
]	Number PRBC Units	80	50	26	4*

Table 1. Total PRBC usage during the OCSTM Liver Transplantation Trial

*For one study event, four PRBCs were prepared for use in the perfusate prior to the event being cancelled. These units were discarded by the OCSTM team on-site. The fifth unit was not used, and was returned to the blood bank.

Conclusions: During our participation in the trial, no PRBCs have been wasted due to inappropriate storage conditions. Our results show that proper documentation, along with the combined use of temperature-controlled storage and monitoring of PRBCs assists in successful blood inventory management and reduction in blood wastage during the OCSTM liver transplant trial.

Document 1: Blood B Packed Ro		Provision for OC	S TM Liver Prote	ct Trial
Transfusion Medic	cine		Docum	entation Form
	Ī	JNOS NUMBER		
A. Request				
Date/Time	BB Tech	Reques	tor	Call Back #
B. RBC Prep	Prepared by	LPT person	notified	Date/Time
	- Inguitary	and passes		
C. Tracking Log	•	•		
		To Be Completed by LPT Initials and Date/Time		
Donor Number	Blood Type	"Transfused"	"Returned"	"Discarded
Comments			<u> </u>	

Document 2: Blood Bank OCS™ Unit Tracking Form					
Packed Red Blood Cell Provision for OCS™ Liver Pro	tect Trial				
Donor Unit Tracking Form					
UNOS NUMBER -date					
Pick-up by: Time: _					
Attach Transfusion Tag Issue stubs below:					

References

TransMedics. (2015, August 13).

TransMedics (OCS) Liver Trial:

Preserving and Assessing Donor Livers for Transplantation. Retrieved November 27, 2017, from https://clinicaltrials.gov/ct2/show/NCT02522871



Medical Laboratory Professionals Week 2018

Making the Public Aware

Ninive Costa



Monday

My week started at the Michigan Medicine Cafeteria in Ann Arbor. I handed out information about the department of Pathology, reminded visitors about Wednesday's lab tours, and answered questions about blood donations. I also gave red and white cell shaped butter cookies to my colleagues who had graciously agreed to promote our profession to the many passing by during lunch and dinner.

Tuesday

National Medical Laboratory Professionals week was also celebrated at Michigan's Capitol building in Lansing. Mike Kowall, one of 37 Michigan Senators requested the attention of all to show appreciation for the work of Medical Laboratory Professionals (MLPs). The three of us from ASCLS Michigan who were present, got up from our seats and accepted the recognition on behalf of all the MLPs.

The rest of Tuesday morning was quite a flurry of envelope passing from office to office. Each envelope consisted of a letter, a sticky notes pad with ASCLS Michigan contact information, a copy of this years' NMLPW's proclamation from Governor

Snyder, and a brochure with some information about what laboratory professionals do. One of us took the letters to the Binsfeld Senate Building offices, the other the Capitol offices, and the other two delivered to the expansive Anderson House Office Building with it's North and South Wings.

To finish off the day there was the opportunity to sit in the Health Policy Committee Meeting where they were discussing a proposed psychiatric registry to help improve bed availability for psychiatric patients and also the protection for librarians to have and administer opioid antagonists in emergencies. Senators and Representatives often recommend that constituents interested in learning about how to introduce a bill, sit in a committee meeting to get a better understanding how bills are created and how best to move forward with an issue. Recently there was discussion on Michigan licensure for acupuncturists. Before bills can have support in Congress, there is discussion by a committee. Before going to a hearing and bringing up an issue, it is beneficial to find a representative who would be in support of a bill and help formulate appropriately for passing at a committee

hearing. All committee meeting sessions are recorded and available to the public.

Wednesday

The day was filled with tours of the laboratory from around 10 in the morning until 2 in the afternoon. OR nurses, nurse coordinators and educators, phlebotomists, and laboratory staff filled our tiny burn lab with their excited presence and enthusiastic questions. Skin fascinated them all and made their time eventful through the 10-15 minute tour of the dressing, skin products, and microbiology bench.

Laboratory tours serve many purposes: giving an opportunity to find our location in case they ever need to get products or give us biopsies, learn how to document appropriately, and make the laboratory more visible to the people it serves.

How Did Your Lab Celebrate Medical Laboratory Professionals Week? Send photos and comment to editor (see page 2) for posting in our next edition.

In my laboratory in addition to fun activities & food, we prepared this graphic for our hospital system newsletter.



Bronson Laboratory

It's Medical Laboratory Professionals Week!
We' d like to thank all of the colleagues we work with across the
Bronson system and share some information on the services our
labs in Battle Creek, Kalamazoo, Paw Paw, and South Haven
provide to our communities every week of the year.









Michelle Russell, Nominations Chair

THE VOTES HAVE BEEN CAST....THE BALLOTS COUNTED....AND THE WINNERS ARE!

2018-19 Board of Directors Election Results

We have results for the 2018 Board of Directors election! We had approximately 28% of eligible members vote in the election. This is great! I challenge our membership to an even higher turnout next year!

Thank you to the Nominations Committee for their help in recruiting members to run for a position and to all that volunteered to run!

Below are the 2018-19 ASCLS-MI Board of Directors:

President Elect: Stephanie Rink Secretary: Sharon Ziemba Treasurer: Julie Hall

NP/NM Representative: Meghan Caterino

District 1 Representatives: RJ (Ric) Benson, Carl Byington, Shawn Moloney

District 2 Representatives: Kay Castillo, Sandy Cook, Sarah Pelton

District 3 Representatives: Melanie Herbert, Romy Selzer, Nick Wesener

Government Affairs Committee: Ninive Costa

Nominations Committee: Renee Sutton Chair-elect, Lily Scholl Committee Member

Thank you to everyone who voted! Here's to a successful new year!

Delegates to the ASCLS National Meeting!

ANNUAL MEETING JUY 29 AUGUST 2, 2018 CHICAGO, ILINOIS

Michelle Russell, Nominations Chair

The ASCLS National Meeting will be held in Chicago, Illinois from July 29 – August 2 this year. State societies send delegates to represent the state and participate in various meetings. Each state is allocated 4 automatic delegates:

President: Lindsy Hensgesbach President-elect: Jerry Singleterry

Student Forum Representative: Darby Naheedy New Professional / New Member: Mattie Kropf

Each state society is also allowed to send 1 additional delegates for every 50 members. At the time of the Membership Meeting on April 12, we had enough members to send an additional 5 members to the National Meeting. Nominations were submitted and voting took place at the Membership Meeting. Below are the results of the members that were selected as delegates to represent ASCLS-Michigan at the National Meeting:

Delegates: Nick Wesener, Stephanie Rink, Lindsey Foos, Romy Selzer, Kathy Hoag

Alternate Delegates:: Salika Devine, Ninive Costa, Suzanne Butch

Thank you for voting and to our 2018 Delegates headed to the National Meeting to represent ASCLS-Michigan!

ASCLS History

Submitted by Kathy Doig

Could you pass the "ordeal" of the 1935 Board of Registry exam?

In 1935, ASCLS was named the American Society of Clinical Laboratory Technicians and its journal was called the Bulletin of the American Society of Clinical Laboratory Technicians. This is from Volume 1, Number 2, March, 1935, pg. 59-60.



BOARD OF REGISTRY

OF A. S. C. P.

Examinations: At the last semi-annual examination of applicants for certificates of qualification from the Registry of Technicians, held the last week in October, one hundred eighty-two individuals presented themselves for the tests. Sixty-three clinical pathologists in localities in the United States and Canada conducted the examination, which consisted of a practical and a written part. The answers to the written test are marked by members of the Board of Registry and count 25% in the final average; the practical test 50%, personal and psychological attributes 25%, which are judged by the local examiners, constitute the balance of the appraisal of the applicant's fitness. One hundred and seventy went through the ordeal successfully, while twelve fell short of the passing mark of 70.

The Following Questions Were Used in the Written Examination of Applicants for Registration as Laboratory Technicians

General

- Discuss the relationship of the clinical laboratory technician to the attending physician, the patient and to the directing clinical pathologist in accordance with the Code of Registry of the American Society of Clinical Pathologists.
- Name the diagnostic or susceptibility tests employed in the following diseases: (a) Typhoid Fever; (b) Lues; (c) Tuberculosis; (d) Diphtheria; (e) Scarlet Fever.
- Define: (1) Hydrophobia; (2) Symbiosis; (3) Transfusion;
 (4) Monilia; (5) Autolysate.
- Describe by drawing the anatomical relationship of the kidneys, ureters, bladder and urethra.

Clinical Bacteriology

5. Name ten well known micro-organisms which may be met in the clinical laboratory. Indicate the comparative morphology of each by drawing and for each mention one important differential cultural, microscopical, or serological characteristic, and for each one common clinical source.

Hematology

Define: (1) Reticulocyte; (2) Granulocytopenia; (3) Poikilocyte; (4) Hemopoiesis; (5) Fibrinogen.

Urinalysis

Define: (1) Polyuria; (2) Albuminuria; (3) Glycosuria; (4) Oliguria; (5) Anuria.

Serology

 Give the details involved in conducting the Kahn Precipitation Test with Serum, or other precipitation or immunologic test for lues.

Analytical Methods

Outline the preparation of Standard N/10 Sodium Hydroxide Solution.

Examination of Feces

10. What organism is the cause of amebic dysentery and what is the general procedure involved in demonstrating its presence in feces?

2018 Annual Meeting Awards Ceremony - Part 1

Editors note: Many thanks to awards chair **Lindsey Foos** (pictured at left) for all of her work in making this year's awards ceremony a great success. I am also grateful to **Ric Benson** for photography. Look for additional awards (Part-2) in the next edition of Newslinks.



MEMBER OF THE YEAR AWARD (formerly CLS of the Year)

This award is given to the individual who best exemplifies service to the profession, organization, and the community. **Stephanie Rink** is this year's winner because of the hard work and dedication she gives the society. Her nomination letter explains:

"Whether its stepping up to manage our meeting finances, raising funds for the Government Affairs Committee or serving as our government watchdog Stephanie takes it on with a "can-do" attitude. She serves her profession selflessly by putting the needs of others before her own. It is her dedication and passion to serve ASCLS-Michigan that makes her a perfect candidate for Member of the Year. We are fortunate to have Stephanie as both our conference finance chair and as our Government Affairs Committee Chair. Stephanie has demonstrated exceptional fiscal responsibility in her role as finance chair by developing a reimbursement plan that eliminates extra transfers of funds and unnecessary expenses. She vigorously monitors the conference budget for savings opportunities that allow us to pass on savings to our members. She keeps us up-to-date on the complex and ever changing political landscape in Washington, D.C. and she ensures our voice is heard at the local and state level as well. She surveys members to assess views toward licensure and makes recommendations to the board based on her assessments. She "WANTS YOU" to donate to the Political Action Committee and promotes this cause with school pride competitions and patriotic antics. She is always willing to volunteer her time to make our voices heard."





PAM AGREN INSPIRATIONAL AWARD

The Pamela Agren Inspiration Award is given to a person for their outstanding "behind the scenes" activities of a person. Often this person benefits the society greatly but doesn't always get recognized or highly publicized. This year's winner is **Roger Paxton**. His nomination letter explains:

"Roger is the perfect embodiment of a deserving individual for this award; that is, he is very actively involved in behind the scenes activities for this society. His dedication to this position is deserving of recognition, as his great success is the direct result of remaining behind the scenes. He works tirelessly at every state meeting to ensure the proper A/V equipment is in each room and functioning properly, and without these efforts our annual meeting in Michigan would not be half the success that it currently is. I thoroughly believe that he deserves special recognition for these efforts."

KEY TO THE FUTURE AWARD

The Key to the Future Award is chosen by the ASCLS-Michigan president and is given to the individuals who hold great potential for future contributions to the society and our profession. These are members who are either new or newly active in ASCLS. The 2018 award winners are **Kelsey Lowe** and **Lindsey Foos.** As keys to the future these two individuals exhibit all the attributes that we need in our professional society for the future. They have been open to learning in all areas of the workings of the society from the state meeting to the board, all the way to the national level. They are always enthusiastic, interested, and positive proponents for our profession.



BOARD OF DIRECTOR'S AWARD

Dan Edson was chosen to receive the 2018 Board Appreciation Award. This award is given to non-members who have served the organization well. Dan works for American Proficiency Institute and has supported the Society over the years by getting sponsorship for the meetings.

ASCLS-MI PRESIDENTIAL AWARD

The Presidential Recognition Award is given when the president feels someone's contributions to the profession are so outstanding that special recognition demands to be given. This year Lindsy Hengesbach presented (L-R) Carey Loveland, Kathy Doig, and Kristina Martin with this award. All three have served the Society in various ways and were especially helpful this year.

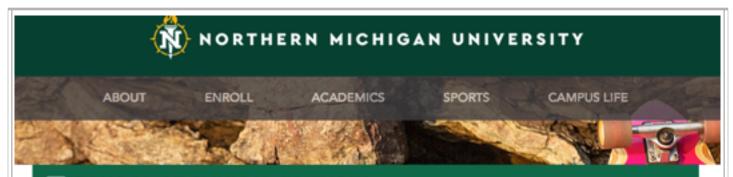




DONNA DUBERG MENTORSHIP AWARD

The Donna Duberg Mentorship Award is given to the person who best exemplifies characteristics of mentorship, and the ability to guide others in the profession. This year's recipient was **Michelle Russell** from Michigan State University. Her nomination letter explains:

"Michelle has always been a shining example of someone who exhibits outstanding abilities to enlighten and mentor others. I personally benefitted greatly from her patience, encouragement, and complete dedication to student success. She is always willing to sit down and have a conversation in which she offers guidance, support, and motivation, no matter the day of week or time of day. Her enduring patience, cheerleading, and obvious dedication to student and peer success make her an ideal mentor."



■ SCHOOL OF CLINICAL SCIENCES

NMU / SCHOOL OF CLINICAL SCIENCES HOME / ACADEMIC PROGRAMS

CLS Online Bachelor's Degree

This program was specifically designed to fit into the busy lifestyle of a working clinical laboratory technician. With the ability to complete all coursework online, most students will be able to complete their bachelor's degrees in two years.

Clinical professionals are in great demand.
Graduates from NMU's programs have a job
placement rate of nearly 100 percent and more
than a 95 percent passing rate on national
certification exams. Many also pursue advanced
degrees.

Program highlights:

- No loss of previous clinical laboratory science credits
- 100% of didactic course is online
- Complete the program at your own pace
- Designed to fit into the busy lifestyle of a clinical lab technician
- Ability to complete a workplace leadership minor (fulfills general education credits)
- NAACLS accredited program

Enrollment space is limited. To be formally admitted to Northern Michigan University's Clinical Laboratory Science Online Bachelor's Degree,

students must complete the online MLT to MLS form.



Nicole Stachowicz, M.S., MB (ASCP)^{CM} School of Clinical Sciences (906) 227-2808 | nrayburn@nmu.edu



Or click below to visit our web site

https://www.nmu.edu/clinicalsciences/online-bachelors

2018 Annual Meeting Community Support

This year, ASCLS-Michigan is proud to partner with the Huron River Watershed Council. For over fifty years, the Huron River Watershed Council has been protecting and restoring the Huron River. In today's challenging environment, protecting the Huron River for clean drinking water, recreation, and healthy habitats is more important than ever. We are the only organization devoted 100% to the Huron River and your contribution allows us to maintain that focus to the benefit of all watershed communities—human, animal, and plants. Learn more and support our programs at www.hrwc.org. Thank you



American Society for Clinical Laboratory Science MICHIGAN



Paul Guthrie ASCLS-MI *Newslinks* Editor 1506 Bacon Avenue Portage, MI 49002-7166

Moving? Please forward new address to the *Newslinks* Editor



Visit
www.asclsmichigan.org