

MABB Newsletter

In A Different Vein



PRESIDENT'S MESSAGE



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Dear MABB members,

I want to start by with a big thank you to all the members, committee chairs and board members who have helped to make the Michigan Association of Blood Banks what it is today. We are much more than just an Annual Meeting. We are a collaboration of techs, administrators, and pathologists who work together to promote the highest standard of care for patients and donors. We are able to network, not only with individuals from our community, but also from across the state and beyond.

Over the past four years I have had the privilege of working with incredible techs, managers, and physicians from across the state. So I encourage all of you to ask yourself "Is this something I want to be more involved in?" - *Hint, the answer is yes* - I would love to see a fun and robust future for the MABB including Blood Bank Trivia nights but an aspiration like this is only possible with the support of our members.

Did you know it is remarkably easy to get involved with the MABB? You can even do it by accident like I once did. I attended my first Annual Meeting in 2015 and became a member at that time. Once an official member I received one of those notification emails for an upcoming Board Meeting. Well, being rather new to this whole association thing I just assumed it was an invitation to the board meeting. So when I showed up unannounced to the board meeting we were all a little perplexed. However, it turns out those notifications ARE actually invitations but no one believed them until me. So if you too want to join in on a board meeting do not hesitate to reach out and we will get you set up to join in.

Now four years later I have had the amazing opportunity to be on the board, chair a committee and serve as President over the course of this year. I was not exactly sure what they were thinking when I was nominated for to be president elect- *perhaps they did not have a lot of choices that year--* But it worked out thanks to the support of our various committees and board members. I could not have gotten to where I am without them.

So there you have it! If you want to get involved, Step 1: Join the association, Step 2: Find a committee you are interested in or just attend a board meeting and learn what happens behind the scenes. Then very soon you too can be a committee chair, organizing events, and potentially leading our association into the future. So I challenge you to turn from spectators into participants.

Thank you for your ongoing support of the Michigan Association of Blood Banks.

Sincerely,



Louise DuRussel
2019 President of Michigan Association of Blood Banks

Summary of the 2019 MABB Annual Meeting

In accordance with the MABB mission statement, the 65th Annual Meeting program consisted of many diverse topics with a linked theme of promoting the highest standard of patient care for our respective patient populations. The meeting was held on the 11th and 12th of September 2019 at the Schoolcraft College VisTaTech Center in Livonia.

The 1st day of the meeting began with an introduction and welcome by Louise DuRussel, the 2019 President of MABB.

Louise introduced our Kay Beattie Award recipient

Dr. Donald R. Branch. Dr. Branch is a Professor of Hematology

and Laboratory Medicine and Pathobiology at the University of Toronto in Toronto, Ontario, Canada. He completed his undergraduate studies at San Francisco State University then went on to obtain his PhD in Medical Sciences-Immunology at University of Alberta in Edmonton, Alberta, Canada. Dr. Branch has a distinguished research career and has been the recipient of several prestigious transfusion medicine awards. During his 1st lecture at the meeting, Dr. Branch discussed the different circumstances for panagglutination, their resolution and the investigation of underlying alloantibodies that could cause significant hemolytic transfusion reactions.



The meeting progressed with a lecture on quality and patient safety presented by Suzanne Butch. Then Dr. Joanne Becker from Roswell Park Comprehensive Cancer Center in New York talked about platelet products. Local and global biovigilance perspectives in identifying transfusion-associated circulatory

overload (TACO) were discussed by Dr. Chester Andrzejewski from University of Massachusetts Medical School-Baystate. Advanced cellular therapies in hematology/Oncology was presented by Dr. Abhinov Deol from Karmanos Cancer Institute, Michigan; Dr. Deol gave an overview on advanced cellular therapies, their toxicities, and clinical outcomes. The afternoon concluded with the Clinical Case Studies session which was organized and moderated by Dr. Zaher Otrock, and it included three presentations given by Drs. Justin Kelley, Zeinab Moussa, and Shannon Rodgers.

The 2nd day of the meeting started with a talk on the determination of the clinical significance of red cell alloantibodies by Dr. Branch. During his lecture Dr. Branch reviewed various blood bank methods to determine the clinical significance of alloantibodies, discussed the history of monocyte monolayer assay (MMA), and reviewed the current optimal conditions of MMA and its benefit in selection of blood for transfusion in situations of serologic incompatibility. Transfusion issues in pregnancy, mother and baby were discussed by Dr. Cosmas JM Vandeven from the University of Michigan Hospitals. Dr. Ronald Jackups, Jr, from Washington University School of Medicine in St. Louis, Missouri, gave a talk on clinical decision support in transfusion medicine. Practical persuasion and how to increase someone's influence in everyday situations were covered during the next interactive discussion by Amy Dixon. Angela Wholehan organized the Young Tech Talks which were given by Iyana Peppers and Tessa Lanzen. Dr. Glenn Ramsey from Northwestern Memorial Hospital in Chicago discussed how blood banks can be prepared for a mass casualty event. Finally, a session on Serological Case Studies organized by Katherine Li was presented by Alyse Gschwender, Jennifer Herring, and Steve Holden.

2019 65th MABB Annual Business Meeting Minutes

MABB Annual Business Meeting Minutes, Wednesday, September 11, 2019. Call to Order: 12:40 pm
Adjourn: 1:05 pm

Louise DuRussel opened the meeting with an introduction, welcome, and thank you to our meeting sponsors and Trinity Health for CME accreditation. Louise presented an overview of the present MABB committees and introduced Salika to give the first report on the Membership Committee.

Committee Reports:

1. Membership Committee: Salika Devine chair

The committee reports 64 individual members, 6 student members, 11 Physician members, 3 Institutional members, 6 corporate members, and 2 emeritus memberships. New membership is valid until the end of 2020 and the renewal memberships are valid until December of 2019. The organization has had a slight increase in membership from last year. Thank you for your membership! If you are not a member, please join.

2. Education Committee: Angela Wholehan chair reported with Brigitte Becker, Dana Griffin, Katherine Li, Zaher Otrock, Amanda Poxon, and Kathryn Watkins as part of the committee

There was a RAP session held in November 2018 regarding *Blood Alternatives* and April 2019 regarding *Daratumumab Protocols*. The RAP sessions were well attended and profitable this year. Future activities will include planning for a fall and spring session with a possible west side state location. The group is always in need of topic ideas.

3. Publication Committee: Zaher Otrock M.D. chair report with Arthur B. Eisenbrey M.D., Kristina Davis M.D., Jim Fiedor, and Meredith Hoag as part of the committee.

Dr. Otrock reported that the MABB newsletter relaunched with a new name *MABB News—In A Different Vein*. There is an initiative to promote for writing material contributions through the MABB website and committee members in preparation for the next issue. The committee will also document the upcoming MABB Annual Meeting activities material for the newsletter and there is a plan to publish two issues of *MABB News—In A Different Vein* each year.

4. Archive Committee: Jim Fiedor, Chair

Louise DuRussel reported for Jim that the archives have been updated to include 2018-2019 documents. No further changes have been made.

5. Website Development Committee: John Sherbeck M.D. chair with Louise DuRussel and Bethany Neldrett (Webmaster)

Dr. Sherbeck reported that a new website was launched this summer. The improvements have streamlined online membership, meeting registration, integrated online payment via PayPal, and have created opportunities for member logins to allow for member only archived educational content. Integrating with social media feeds, the MABB is now on Twitter that allows the organization to begin to build online forward-facing identity and promote name branding through live-tweeting of the annual meeting.

6. By-Laws/Policy Committee: Barry Siegfried, M.D. chair with Terry Downs as part of the committee.

Dr. Siegfried reported that the current bylaws and policy manual are located at <https://mabb.org/about> were revised in 2005. A proposed revision of the bylaws was discussed in 2013 but the revision was not suitable for submission for approval. Unfortunately, other records related to the revisions are not available. In the last 12 months, both documents were converted to editable format. The plan is to develop proposed changes to the bylaws and policy manual; for example: the central office manager, annual dues, honoraria and reimbursement rates and communication methods. The committee invites the membership to send suggestions to barry.siegfried@redcross.org. The Executive Board and members approve the bylaw changes and the Board approves the policy manual changes.

7. Committee of Legislative Matters: Louise reports that volunteers are needed for the chair and members. Ideal members would follow the changing or upcoming state and federal regulations and report back to the MABB membership.

8. Annual Meeting Organizing Committee: Tammon Nash M.D., chair with Karen Gizzi, Exhibit Coordinator, Sheri Hugan, PACE Coordinator, Sherwin Imlay M.D. CME Course Director. Dr. Nash expressed her gratitude to Susan Adams, Brigitte Becker, Michael Cortez, Salika Devine, Suanne Dorr, Terry Downs, Louise DuRussel, Arthur B. Eisenbrey M.D., Amanda Poxon, Kelly Sartor, Barry Siegfried, M.D., Kayla Waider, Angela Wholehan, and Chisa Yamada M.D. Information to claim the CME credits: Michigan Association of Blood Banks 65th Annual Meeting 2019, Event ID #37680. The link to claim credits is <https://cmetracker.net/THLM/Login?formname-getCertificates&integrationID-37680>. You have 30 days from the date of this activity to complete your evaluation and claim your continuing education credits.

9. Financial Report: Terry Downs, Treasurer

Terry reported that this is a non-profit organization, dedicated to professional education. The organization has been financially neutral. Inflow - \$17,846; Outflow - \$3040; Overall gain of \$14804. The VistaTech Meeting is approximately \$12,000 with approximately \$2600 in reimbursements. Approximately \$1000 was spent for an upgrade of the MABB website. As of 9/11/19, the checking account has \$36,490. The Dreyfus account balance is \$23000.

10. Secretary Report: Suanne Dorr, Secretary

Suanne reported that Board meetings were held on December 11, 2018 along with the Planning Committee, February 20, June 5 and August 27, 2019. The Annual Meeting minutes from September 5, 2018 were verified and approved by the membership as submitted.

11. 2019 Founder's Award: Susan Adams, MSA, MT(ASCP) SBB

Louise presented the vase award to Susan Adams while listing her achievements. The Founder's Award is given to a member who has contributed to the success of the organization by actively working on committees and projects.

12. President's Award: Dr. Yamada presented the President's Award vase to Louise DuRussel for her leadership role with the organization.

13. 2019 President's Remarks: Louise DuRussel, BS

Louise addressed the annual meeting attendees thanking the Board and members for their support and dedication in making the MABB organization what it is today. She looks forward to working with the organization for years to come. It is an ongoing goal to make the MABB robust with a very active member base. With a large member base, the MABB is able to offer educational opportunities through the annual meeting, RAP sessions, and our recently revised website and newsletter. The MABB is more than just the annual meeting, it is a collaboration of pathologists, medical technologists and administrators who work together to promote the highest standard of patient care. We are able to network with not only individuals from our community but also across state lines. Over the past few years, Louise has had the opportunity to work with incredible medical technologists, managers and physicians across the state. She encourages the group to ask themselves if this is something that they would like to do. Louise would like to see a more robust future for the MABB including Blood Bank trivia nights but this aspiration would only be possible with the support of our members. Louise states it is easy to get involved with the MABB. She attended her first annual meeting in 2015 and became a member at that time. She accepted an e-mail invitation to attend a board meeting and encourages others to do so. Four years later, Louise has had the opportunity to be a board member, chair a committee, and serve as the President this year. She is grateful for the experience and encourages others to become involved.

14. Nomination Committee: Consists of the past 3 presidents: Chisa Yamada, M.D. 2018, Brigitte Becker, MT(ASCP)SBB 2017, Peter Millward, M.D. 2016.

The 2020 nominees are:	President Elect:	Sheri Hugan
	Member-at-Large:	Salika Devine
	Member-at-Large:	Angela Wholehan



Susan Adams is presented with the Founder's Award

15. Installation of New Officers: Welcome was given to the new members and officers. Approval was given to the new board officers by the membership.

16. Board Members 2020:	President:	Tammon Nash, M.D.
	President Elect:	Sheri Hugan, BS, MLS(ASCP) SBB
	Past President:	Louise DuRussel, BS
	Treasurer:	Terry Downs, MT(ASCP)SBB
	Secretary:	Suanne Dorr, MBA, MT(ASCP)SC
	Member-At-Large:	Sherwin Imlay, M.D.
	Member-At-Large:	Zaher Otrrock, M.D.
	Member-At-Large:	Salika Devine, MT(ASCP)BB
	Member-At-Large:	Angela Wholehan, MLS(ASCP)

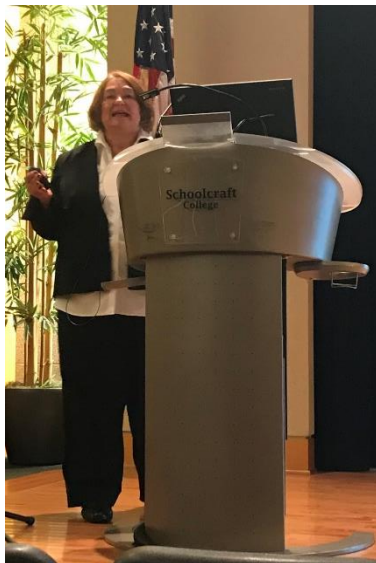
17. New Business and Questions: Louise DuRussel

No new business or questions. The meeting was adjourned at 1:05 pm. Next year's 66th MABB Annual Meeting will be held on September 16 and 17, 2020.

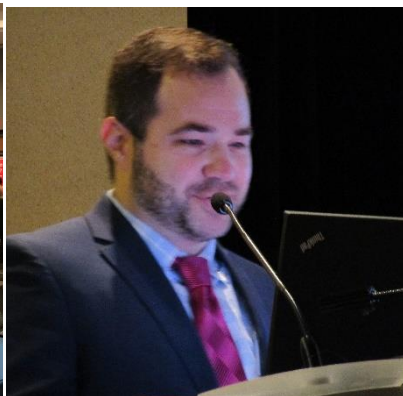
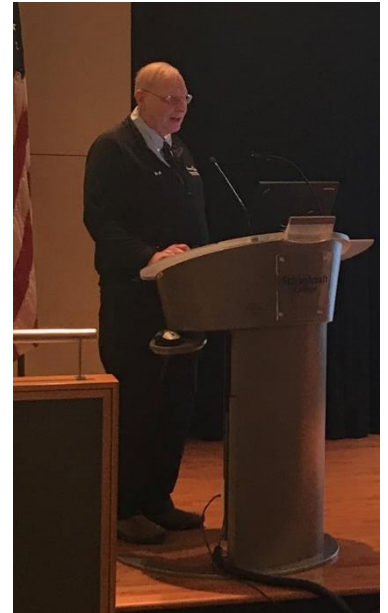
Kay Beattie Award: Louise DuRussel presented the award to Donald R. Branch PhD for his accomplishments. Dr. Branch presented two excellent lectures "Panagglutinating Antibodies: Investigating Underlying Antibodies" and "Determination of the Clinical significance of Red Cell Alloantibodies". The award is bestowed to an individual who has been a driving force in the education of blood bank serology. Kay was known for her work with weak subgroups A & B, wrote a classic AABB book on ABO discrepancies, showed that anti-M could often be enhanced by acidification of the serum, and reported Gu, a weak expression of the G antigen. The award is sponsored by Michigan Blood.

Respectfully submitted by Suanne Dorr, Secretary, Michigan Association of Blood Banks

2019 MABB Annual Meeting Scrapbook



2019 MABB Annual Meeting Scrapbook



Thank you, Vendors !



Immucor



Alexion



American Red Cross



Fresenius-Kabi



Ortho Clinical Diagnostics



GRIFOLS

Thank you, Vendors !



BIO-RAD



Quotient



Cerus Corporation



HealthSoft



Versiti



MED Alliance

2019 Spring RAP Session

The Spring RAP session was held on April 23, 2019 at Providence Park Hospital. The session entitled “Help! It’s DARA!” was presented by Sheri Hugan (Michigan Medicine), Kathryn Watkins (Beaumont Health), Brigitte Becker (Scheurer Hospital), and Kayla Waider (American Red Cross).

The objectives of the session were to define what Daratumumab is and what it is used to treat, summarize the perspectives of how treated patients are handled in each facility, and state the steps to find compatible blood products for patients treated with Daratumumab. The well-attended session witnessed enlightening group discussions and was followed by dinner.



A Blood Banker’s View of the Plasma Industry: Part 1

Mary Jo Drew, MD, MHSA

Many transfusion medicine professionals, myself included, once had visions of plasma collection centers as questionable establishments, located in disadvantaged neighborhoods, and removing plasma by apheresis from individuals who were at high risk for infectious disease.

However, the AIDS crisis and the discovery of HIV and other viruses, along with ever-better testing for disease exposure, all resulted in greatly increased FDA oversight of the plasma industry. A review of the multi-tiered approach taken by the plasma collection industry to greatly improve safety of derived products is presented below.

I was “schooled” in the ins and outs of this complex and rapidly expanding industry when I served as a plasma center medical director in the Pacific Northwest for several



A Blood Banker's View of the Plasma Industry: Part 1 (Cont'd)

plasma collection centers in a large, international corporation. I speak solely from my experience with this single company; others' experiences may vary. Some aspects of this education surprised me; others mirrored my experience in volunteer blood donor collections. I'd like to present a review of my overall impressions of the experience (this article), as well as a review of important plasma fractions produced and their clinical uses (article in the upcoming issue).

The Physician's Role in the Plasma Collection Center

Plasma centers require physicians for various duties, including those of CLIA laboratory director and technical consultant. Collection centers perform a total protein determination by refractometer prior to each donation, which is classified as moderate complexity testing under CLIA guidelines. The physician is also responsible under CLIA for signing off on staff training and competency, including nursing staff and phlebotomy technicians.

The plasma center physician also reviews quantitative plasma protein testing obtained every 4 months, to determine donor suitability for continued donation. Donors with any protein fractions outside the normal range will be deferred for varying periods, or referred to outside medical care, based on the physician's clinical judgment. This is particularly important, as a few donors may not be well nourished, in addition to frequently donating plasma, resulting in decreased plasma protein fractions, especially albumin.

If the company's centers operate a donor immunization program (to produce hyperimmune globulins such as anti-D), the physician is required by FDA to perform an initial physical exam on the prospective donor prior to the donor being approved for entry into the program. The physician is also responsible for answering donor questions and obtaining informed consent. A physician also needs to be present when center staff perform injections of the immunogen (in the case of anti-D, D-positive RBCs) and remain in the center for a period of time after the injection, in case of a donor reaction.

A Blood Banker's View of the Plasma Industry: Part 1 (Cont'd)

Depending upon the company, the physician may also be required to present monthly or more frequent medical education presentations and a review of center monthly donor statistics with nursing staff.

Similarities and differences in plasma vs. voluntary donor qualification

The qualification of prospective plasma donors has many similarities, as well as several important differences, compared with voluntary donation. Due to the recognition that plasma donors have an incentive for donation—i.e., payment for the time they spend donating—several additional steps are taken which are not done during the donor qualification procedure for voluntary donors.

For example, if a donor reports a tattoo within the last 12 months, the donor is deferred until 12 months have passed since receiving it. Tattoos greater than a year old are carefully documented in the donor record as to location, subject, and colors used, on a donor's initial visit. Any subsequent tattoos are likewise documented.

Then, a limited physical exam, required by FDA for all first-time frequent plasma donors, and once yearly for continuing donors, is performed by a nurse or physician. Donor screening, done initially and on all subsequent visits, includes vital signs, hematocrit, and total protein measurements. The initial donor visit may require 3-4 hours to complete.

An exhaustive listing of hundreds of different medical conditions is additionally provided online for staff reference when performing donor history and qualification. For the most part, eligibility requirements err on the side of caution, and some are more stringent than seen for volunteer blood donors. In some cases, the physician must be contacted to determine donor suitability.

In Part 2 of this article which will be published in the upcoming MABB Newsletter issue, we will discuss the source plasma manufacturing process and the most significant plasma derivatives.



66th MABB Annual Meeting
September 16 & 17, 2020

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