Discuss result variation using different titration methods
Describe methods for antibody identification
Describe a quality system
Discuss the relative risk of using CMV Safe vs CMV seronegative components
List three concerns related to the age of red blood cells at the time of transfusion
List three challenges in merging blood bank operations and results into the electronic medical record

To commemorate the life of Arthur Bracey, Jr., MD, from St. Lukes Episcopal Hospital, Houston, Texas will present the 15th Annual Harold A. Oberman Memorial Lecture.
Discuss result variation using different titration methods

Describe the transfusion considerations for pediatric transfusion medicine

Describe methods for antibody identification

List three concerns related to the age of red blood cells at the time of transfusion

Identify errors in blood bank serology

Be able to:

Classify their own institution’s transfusion guidelines

Describe how blood component doses are determined for infants and children

Critique their own institution’s transfusion guidelines

Discuss result variation using different titration methods

Discuss the relative risk of using CMV Safe vs CMV seronegative components

List three uses for cryoprecipitated antihemophilic globulin

Discuss the clinical importance of HLA antibodies

Describe methods for antibody identification

List three concerns related to the age of red blood cells at the time of transfusion

Critique their own institution’s transfusion guidelines

Discuss the relative risk of using CMV Safe vs CMV seronegative components
Pre-Conference Workshops:  
Thursday, May 28, 2009  

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 a.m.</td>
<td>Registration and Continental Breakfast</td>
</tr>
<tr>
<td>8:15 a.m.</td>
<td>Registration and Continental Breakfast</td>
</tr>
</tbody>
</table>

**I. Clinical Problem Solving in the Blood Bank**  
Moderator: Joanne Kosanke, MT(ASCP)SBB  

- 9:00 a.m.  
  Comparison of four_Copying Method and Application
- 10:15 a.m.  
  Autoimmune Hemolysis

**II. Blood Bank Quiz Show Challenge**  
Moderator: Suzanne Butch, MA, MT(ASCP)SBB, CQA(ASQ)  

- 9:10 a.m.  
  Learning from Your Serological Mistakes:  
  Presenter: Naomi L.C. Luban, MD  
  Description: A review of platelet component transfusion and the importance of patient safety in the blood bank
- 10:15 a.m.  
  100% Audit of Blood Usage Over a One-Year Span:  
  Presenter: Zhu, MD  
  Description: The impact of blood usage on the blood bank

**III. Management Issues**  
Moderator: Sharon Lowry, MT(ASCP)SBB  

- 11:00 a.m.  
  Discuss ideas for scheduling in a short staffed environment
- 12:00 p.m.  
  Discuss approaches to case management
- 12:30 p.m.  
  Relate policies and procedures to clinical practice
- 1:00 p.m.  
  Demonstrate knowledge of AABB Standards and federal regulations

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**3rd Annual Blood Banking Conference**  
March 27-29, 2009

**Registration Options**  
- By Phone: 734-764-1460  
  Call Monday-Friday, 8:00 a.m.-4:30 p.m.  
  (800) 800-0666  
- By Fax: 734-615-6139

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**General Information**  
Location  
Kensington Court Ann Arbor  
36th Annual

**Travel & Lodging**  
Special arrangements have been made with Cortland in Ann Arbor to offer discount coach fare for attendees.  
Travel information can be found on the University of Michigan CME Conference Web site.  

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**Program Schedule**  
Thursday, Friday, May 28-29, 2009

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**Accreditation & Credit Designation**  
The University of Michigan Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor Category 1 credits for physicians. The University of Michigan Medical School designates this educational activity for a maximum of 35 Category 1 Credits (each credit hour is equal to 60 minutes of instruction) for each participant, resulting in a maximum of 35 AMA PRA Category 1 Credits™. Other credits by specialty may apply.
**Pre-Conference Workshops: Wednesday, May 27, 2009**

Large Broadcast – Registration: U.S. $165 per Workshop; 3:45 – 5:45 pm

You may choose one of the following concurrent workshops:

**I. Clinical Problem Solving in the Blood Bank**

- **Topics in Serology** Moderated: Robert D. Dawber, MD –
  - Trainer: Applications, Methods, and Controversies – Suzanne L. Butch, MT(ASCP)SBB, CM, MMAB
  - 8:30
  - Learning from Your Serologic Mistakes – Janice R. Hamilton, MT(ASCP)SBB, CM
  - 9:20
  - Blood
  - 10:10
  - Antigen Antibody and Antigen Testing in the Clinical Laboratory
  - Applications, Methods, and Controversies – Louise R. Deke, MT(ASCP)SBB, CM
  - 11:00
  - Questions and Answers
  - 12:00 pm. Lunch

- **Controversies and New Horizons in Hemovigilance** Louise R. Deke, MT(ASCP)SBB, CM, MMAB
  - 1:40 pm
  - A 10-Year Audit of Blood Usage Over One a Day – Barbara D'Ottavio, MD
  - 2:30
  - Children are Not Just Small Adults (Special Pediatric Transfusion Needs) – Melissa C. Lohuis, MD
  - 3:20
  - The Jeff Anzalone A. Oberman Memorial Lecture: "Who Is It All About. How is that Red Cell?" – Arthur Bucy, MD
  - 4:10
  - A Case Study Approach to Understanding the Immune System – Charles Muck, RN
  - 5:00

- **Clinical Problem Solving in the Blood Bank**
  - 8:30 am Clock
  - Registration and Continental Breakfast
  - 9:00 am – 5:00 pm Workshop Program (2.5 AMA PRA Category 1 Credits™; 2.5 P.A.C.E® contact hours)
  - 6:00 pm Adjourn

**Faculty:**

- Laura Cooling, MD, MS
- Charles M. Bracey, Jr., MD
- Larry Slavonic, MT(ASCP)SBB

**Target Audience:**

- Technicians, managers and physicians

**Objectives:**

- After the workshop, the attendee will be able to:
  - Compare and contrast characteristics of four generations and cultural involvement in blood product utilization
  - Demonstrate knowledge of AABB Standard and administrative issues

**II. Blood Bank Quiz Show Challenge (I Dare You, Blood Bank Quiz in Our Game)**

This workshop will feature a quiz show format with questions taken from the fields of blood banking regulations and safety. All will vie for the title of "Blood Bank Quiz Show Champion" with the game show hosts and the audience are encouraged. Prizes are limited, but the opportunity to learn is high.

**Objectives:**

- Are you a Jeopardy wiz or want to be a blood bank Millionaire? This workshop will feature a quiz show format with questions taken from the fields of blood banking regulations and safety. All will vie for the title of "Blood Bank Quiz Show Champion" with the game show hosts and the audience are encouraged. Prizes are limited, but the opportunity to learn is high.

Monday, May 25, 2009 9:00 AM - 3:45 PM  (CME Category 1 Credits; 3 P.A.C.E® contact hours)

**Program Schedule:**

**Thursday, May 28, 2009**

**Program Schedule:**

- **Pre-Conference Workshops:** Wednesday, May 27, 2009
  - After the workshop, the attendee will be able to:
  - Describe communication techniques in the midst of major changes
  - Compare and contrast characteristics of four generations and cultural involvement in blood product utilization
  - Demonstrate knowledge of AABB Standard and administrative issues

- **Objectives:**
  - After the workshop, the attendee will be able to:
  - Describe communication techniques in the midst of major changes
  - Compare and contrast characteristics of four generations and cultural involvement in blood product utilization
  - Demonstrate knowledge of AABB Standard and administrative issues

**Faculty:**

- Janis R. Hamilton, MT(ASCP)SBB
- Arthur Bracey, Jr., MD
- Physicist

- **Select communication methods for transfusion medicine information**

**II. Blood Bank Quiz Show Challenge (I Dare You, Blood Bank Quiz in Our Game)**

This workshop will feature a quiz show format with questions taken from the fields of blood banking regulations and safety. All will vie for the title of "Blood Bank Quiz Show Champion" with the game show hosts and the audience are encouraged. Prizes are limited, but the opportunity to learn is high.

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Monday, May 25, 2009 9:00 AM - 3:45 PM  (CME Category 1 Credits; 3 P.A.C.E® contact hours)

**Program Schedule:**

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  - After the workshop, the attendee will be able to:
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  - Demonstrate knowledge of AABB Standard and administrative issues

- **Objectives:**
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  - Compare and contrast characteristics of four generations and cultural involvement in blood product utilization
  - Demonstrate knowledge of AABB Standard and administrative issues

**Faculty:**

- Janis R. Hamilton, MT(ASCP)SBB
- Arthur Bracey, Jr., MD
- Physicist
Program Objectives
Come JOIN us for the 36th Annual Symposium on Current Topics in Blood Banking. This program continues the objective of providing transfusion services' physicians, technologists, nurses and administrators with practical information about recent developments, current practices, controversies and laboratory management issues relative to blood group serology and transfusion medicine. The program is provided by a variety of workshops that address issues relevant to hospital transfusion services. The titles and descriptions of these workshops are given elsewhere in this program.

The first day of the plenary session is a series of presentations addressing transfusion services. Following this session, the participants will be able to:

- Discuss result variations using different titration methods
- Describe methods for antibody identification
- Identify errors in in vitro bank serology
- Describe techniques for platelet serology
- Identify three uses for cryoprecipitated antihemophilic globulin
- Describe the transfusion considerations for pediatric transfusion medicine
- List three concerns related to the age of red cells used at the time of transfusion.

On the second day of the plenary sessions there is a series of presentations addressing transfusion medicine and management topics. Following this session, the participants will be able to:

- Describe how blood component issues are determined for infants and children
- Describe the clinical importance of RBC antigens
- Discuss the role of xenoreactivity in transfusion
- List two ways of assessing platelet function in the perioperative patient
- List three challenges in merging blood bank operations and results into the electronic medical record
- Describe a quality system and its application
- Identify two frequently asked questions: patient safety goals for 2001

Course Faculty
Guest Faculty
Arthur Braley, Jr., MD
Assistant Professor
University of Texas

Director of the Blood Bank and Transfusion Service at the University of Texas - McGovern Medical School

Associate Professor
University of Texas

Assistant Director of the Blood Bank and Transfusion Service at St. Luke’s Episcopal Hospital

Hali O’Malley, MD
Associate Director of Transfusion Medicine

Blood Bank and Transfusion Service

Department of Pathology

Northwestern University Medical School

Department of Pathology

CME WEBSITE FEATURES
CME Calendar

Search by date or by specialty in our calendar of live CME courses. On-line information. View course brochures on-line. It’s easy. Go to: http://cme.med.umich.edu

Internet Self Study

cost through our Internet self-study site. We feature UM HEALTH SYSTEM CLINICAL CARE GUIDELINES for Common Primary Care Conditions. It’s fast. Go to: http://cme.med.umich.edu

Course Planning Committee

Suzanne Butch, MA, MT(ASCP)SBB, CAAS/ASQ

Administrator Manager

Blood Bank and Transfusion Service

Laurie Cooling, MD, MS

Associate Medical Director

BloodBankTransfusion Service and Apheresis

Apheresis

Associate Director

Department of Pathology

Susan D. Davenport, MD, Director

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Associate Professor

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Theresa O’Malley, MD

Assistant Director of Transfusion Medicine

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BMT Transplant Program
**Objectives:**

- prepared staff for major changes, mentoring and staff scheduling.
- exchange of ideas. Topics will include management of multiple generations in the workplace, 

**Faculty:**

- Laura Creed MD, MS
- Charles Wu MD
- Sharon Loewy MT(ASCP)SBB

**Audience:**

- opening of the mind to new ideas and the exchange of ideas.
- exchange of ideas. Topics will include management of multiple generations in the workplace, 

**Objectives:**

- participate in a team-oriented activity.
- participate in a team-oriented activity.

**Faculty:**

- Janis R. Hamilton, MT(ASCP)SBB
- Arthur Bracey, Jr., MD
- Linda Cardine, MT(ASCP)SBB

**Registration:**

- Are you a guest or are you representing a group? This workshop will feature a quiz show format with questions taken from the fields of blood banking regulations and safety. The focus will be on the blood bank's role in the safety of the patient. 

**Note:**

- May 29, 2009, 2:00–4:30 pm

**Objectives:**

- discuss ideas for scheduling in a short-staffed environment

**Faculty:**

- Suzanne Butch, MA, MT(ASCP)SBB, CQA(ASQ)

**To register:**

- As a participant in the University of Michigan CME Course in Blood Banking.
- Ask for Dr. John B. Anandia and the University of Michigan Medical School.
- Ask for Dr. John B. Anandia and the University of Michigan Medical School.

**Travel & Lodging:**

- Special arrangements have been made for special transportation services from the airport to the hotel.

**Lodging:**

- Vail, CO

**Course Adjourns:**

- May 29, 2009, 3:15 pm

**Objectives:**

- discuss ideas for scheduling in a short-staffed environment

**Faculty:**

- Suzanne Butch, MA, MT(ASCP)SBB, CQA(ASQ)

**General Information**

- Contact Person: Linda Butch, MT(ASCP)SBB
- Contact Person: Linda Butch, MT(ASCP)SBB

**Registration Options:**

- Please check the box(es) that apply to you.

**Special Needs Request:**

- You may choose one of the following concurrent workshops:

**Program Schedule:**

- Thursday, May 28, 2009 8:00-8:45 am

**Objectives:**

- The workshop will cover the basics of blood banking and will focus on the red blood cell storage and transfusion.
Select communication methods for transfusion medicine information
Louann R. Dake, MA, MT(ASCP)SBB

Objectives:
- Describe communication techniques in the midst of major changes
- Compare and contrast characteristics of four generations and cultural differences that may influence managerial approaches in the workplace
- Prepare staff for major changes, mentoring and staff scheduling.
- Demonstrate knowledge of FAAE Standard and administrative issues.

Target Audience:
Sandra K. Hoffmann, MT(ASCP)SBB, CQA(ASQ)

FDA: 10.5 AMA PRA Category 1 Credits™; 10.5 P.A.C.E® contact hours

Location: Engineering and Medical School
3:00 Questions and Answers
12:00 pm Lunchroom

- Management Topic: Sandra K.Hoffmann, MT(ASCP)SBB – The Medical Record
- Transfer: County of Crawford Medical Center, Crestline, Ohio
- Transfer: Amherst, Ohio
- Transfer: University at Buffalo, Amherst, NY
- Transfer: University at Buffalo, Amherst, NY
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Discuss result variation using different titration methods
Describe methods for antibody identification
Describe the transition considerations for pediatric transfusion medicine
List three concerns related to the age of red blood cells at the time of transfusion
List three challenges in merging blood bank operations and results into the electronic medical record
Describe techniques for platelet serology
Critique their own institution’s transfusion guidelines
Describe a quality system
Describe methods for antibody identification