

**“LAISSEZ LES BON TEMPS ROULER”
SEROLOGY AT ITS VERY BEST!
SATURDAY, FEBRUARY 21, 2009
SHREVEPORT, LA**

LAISSEZ LES BON TEMPS ROULER” loosely translated means let the good times role and this workshop will be the best of times for serologists. For those just starting in the field of blood banking or perhaps only work as a generalist to those who work on complex problems, this workshop has something for everyone. LifeShare staff will discuss how to resolve ABO typing discrepancies and identify single and multiple antibody specificities. The proper use of enzymes, chemicals and absorptions will be covered as well as advanced technologies such as blood group genotyping and monocyte-monolayer assays (MMA). Participants will then choose a discussion group appropriate to their own level of expertise and will participate in case study discussions. For those who want to see these tools in action, there will be a tour of the new Reference Lab and Scientific Support Services at LifeShare immediately following the workshop. Come to learn but stay and play during Mardi Gras weekend in Shreveport.

8:15 – 8:45 a.m. REGISTRATION

8:50 – 9:00 a.m. INTRODUCTIONS

Wendell Jones, MS, MT(ASCP)SBB
Executive Director, Lab Services
LifeShare Blood Centers
Shreveport, LA

Jared Fry, MT(ASCP)SBB
Technical Director, Lab Services
LifeShare Blood Centers
Shreveport, LA

9:00 – 9:20 a.m. “Yes, You Can Do It!.....A Practical Approach to ABO Discrepancies”

OBJECTIVES:

1. Identify problems with red cell testing
2. Identify problems with serum or plasma testing
3. List basic steps for resolving discrepancies
4. Describe and select follow-up testing based on reactions

Cindy Steinmetz, MT(ASCP)
Lead Reference Technologist
LifeShare Blood Centers

9:20 – 9:40 a.m. “It’s Just a Panel ... It’s Not Rocket Science”

OBJECTIVES:

1. List basic steps to antibody identification
2. List cost-effective procedures that can be performed in-house
3. Describe the uses of unlicensed anti-sera
4. Describe the uses of out-dated reagents and panels

Shannon Long, MT(ASCP)SBB
Lead Reference Technologist

9:40 – 10:00 a.m. BREAK

10:00 -10:30 a.m. “Resolving Serologic Problems in the Reference Laboratory”

OBJECTIVES:

1. List patient diagnosis that might require frequent transfusions
2. List enzymes and chemicals that affect antigen expression
3. List the most common reason for performing adsorption studies

Marilyn Moulds, MT(ASCP)SBB
Immunoematolgy Specialist

10:30 – 11:00 a.m. “What to do When Serology is Not Enough”

OBJECTIVES:

1. Name an IgG subclass that can activate complement
2. Identify a clinically significant antibody as defined by monocyte-monolayer assays (MMA)
3. Give an example of a type of patient that can benefit from genotype matched donors

Joann Moulds, PhD, MT(ASCP)SBB
Director, Clinical Immunogenetics

11:00 – Noon

“Review of Level I, Level II, and Level III Case Studies”
Roundtable discussions of immunoematolgy case studies lead by
LifeShare Blood Centers Reference Lab Staff.

OBJECTIVES:

1. Resolve basic ABO discrepancies
2. Resolve panels with multiple antibody specificities
3. Resolve panels with antibodies to high incidence antigens

LEVEL III (>5 yrs.experience or reference lab tech)
Joyce Nantze, M.S.,MT(ASCP)SBB
Kristy Venable, MT(ASCP)SBB
John Moulds, MT(ASCP)SBB

LEVEL II (2-5 yrs. Blood Bank experience)
Julie Slaughter, MT(ASCP)
Jennifer Haywood, MT(ASCP)
Katrina Billingsley, MT(ASCP)

LEVEL I (<2 yrs. Blood bank experience or “generalist”)
Teresa Bruce, MT(ASCP)
Josh Patrick, MT(ASCP)
Kim Hummel, MT(ASCP)

12:00 – 12:30 p.m. “Summary of all Case Studies”

Don Humble, MT(ASCP)
Supervisor, Lake Charles Laboratory

12:30 – 1:30 pm. Tour of LifeShare's new Reference Lab and Scientific Support Services
(for interested participants)

Total Program PACE credits: 3.5

Level of difficulty: intermediate to advance

Intended audience: Medical Technologist