Annual Index

INDEX TO VOLUME 16, NUMBERS 1 THROUGH 4

The index to volume 16 of *Clinical Laboratory Science* is composed of two parts: an Author Index and a Subject Index (p 254)

Issue	Pages
January – March	1 - 64
April – June	65 - 128
July – September	129 - 192
October – December	193 - 256

Abbreviations Used:

AB = Abstract

CP = Clinical Practice

DD = Dialogue and Discussion

FO = Focus

LE = Letter to Editor

RR = Reports and Reviews

RS = Research

TT = Trends and Technology

WB = Washington Beat

AUTHOR INDEX

Alaniz, Stephen

Treatment of Severe *Plasmodium falciparum* Infection with Exchange Transfusion. 146. AB

Araj, George F

Rapid MRSA Detection by a Latex Kit. 198. CP

Arneson, Wendy L

When the Road Becomes Bumpy, Throw It Some Curves: Making the Transition for Live Lectures to Interactive Web-based Courses. 76. AB

Atkinson, John S

Motivations for Condom Use and Nonuse. 20. RS

Bamba, Douty H

Evaluation of CB-18 for the Detection of *Mycobacterium bovis.* 144. AB

Bamberg, Richard

Effect of Drawing a Discard Tube on PT and APTT Results in Healthy Adults. 16. RR

Barham, Beverly

Implementation of Manipulatives in the Clinical Microbiology and Immunology Classroom. 73. AB

Beck, Carol

In Search of a Meaningful Senior Honors Research Project. 73. AB

Bell, David C

Motivations for Condom Use and Nonuse. 20. RS

Black, Lynn

Applications of Evidence Based Practice in Clinical Laboratory Science. 147. AB

Bouchard, Brenda L

Human Granulocytic Ehrlichiosis: A Case Study. 72. AB

Brems, Christiane

Validity of Injecting Drug Users' Self Report on Hepatitis A, B, and C. 99. RS

Britton, Lynda A

Microbiological Threats to Health in the Home. 10. CP

Survey of Clinical Instruction of Pathology Residents in Immunohematology. 75. AB

Brodeur, Lynne A

Human Granulocytic Ehrlichiosis: A Case Study. 72. AB

Bryant, Sabrina

In Search of a Meaningful Senior Honors Research Project. 73. AB

Burns, Cheryl

Addressing Curriculum Problems through Creative Planning and Scheduling. 79. AB

Cabrera, Sandra

Folate Status in Pregnant Women at the First Prenatal Visit. 144. AB Nutritional Status in Pregnant Women at

Nutritional Status in Pregnant Women at the First Prenatal Visit. 149. AB

Campbell, Suzanne

Obtaining a Clinical Laboratory Science Degree via Distance Learning. 214. RR

Carlson, Jerry W

Motivations for Condom Use and Nonuse. 20. RS

Caroter, Chris

Evaluation of CB-18 for the Detection of *Mycobacterium bovis.* 144. AB

Castleberry, Jason

Dengue Fever in the Western Hemisphere. 34. FO

Cearlock, Dianne M

Co-morbidity of Type II Diabetes and Alzheimer's Dementia: Frequency and Treatment Strategies. 148. AB

Chappell, Jean M

Correlation Between MTHFR677 (C T), Hyperhomocysteinemia, and BMI. 143. AB Novel Educational Strategy for Clinical Electrophoresis Workshop. 145. AB

Chediac-Tannoury, Rita

Rapid MRSA Detection by a Latex Kit. 198. CP

Chiasera Janelle M

Computer Simulated Laboratory: Student Perception and Outcomes. 77. AB

Ciesla, Betty

Collaborative Development of a Medical Technology Certification Computeradaptive Examination. 143. AB

Colaninno, Peter M

Career Alternative: Clinical Trials. 82. CP

Constantinescu, Michael

Universal Leukocyte Reduced Transfusions: Cost and Benefits. 149. AB

Cook, Janine D

Evaluation of CB-18 for the Detection of *Mycobacterium bovis.* 144. AB

Costa, Deborah L

Hands-on Opportunity to Discover Laboratory Professionalism through Structured Coursework. 144. AB

Cotellingam, James D

Unusual Sequential Development of Alloantibodies in a Multitransfused Patient with Idiopathic Hemolytic Anemia. 147. AB

Cottle, Jessica N

Effect of Drawing a Discard Tube on PT and APTT Results in Healthy Adults. 16. RR

Davis, BreAnn

Co-morbidity of Type II Diabetes and Alzheimer's Dementia: Frequency and Treatment Strategies. 148. AB

Delany, Judy R

Antimicrobial Susceptibility Testing: An Interactive Educational CD-ROM. 77. AB

Dick, E

Effects of Brown Recluse Spider (*Loxoceles reclusa*) Venom on the Coagulation Mechanism in Rabbits (*Oryctolagus cunniculus*). 143. AB

Doig, Kathy

Computerized Atlas of Peripheral Blood Smears as a Job Aid. 78. AB

Doucette, Lorraine

Alleviating Shortages with Rural Interdisciplinary Healthcare Teams. 142. AB Evaluation of CB-18 for the Detection of *Mycobacterium bovis.* 144. AB

Dunn, Berry

Addressing Curriculum Problems through Creative Planning and Scheduling. 79. AB

Ejezie, Gabriel C

Health Education Strategy in the Control of Urinary Schistosomiasis. 137. CP

Fike, Dorothy

Novel Educational Strategy for Clinical Electrophoresis Workshop. 145. AB

Fisher, Dennis G

Validity of Injecting Drug Users' Self Report on Hepatitis A, B, and C. 99. RS

Flodstrom, Glenn

Teaching Hematology Using Live Digital Microscopy. 146. AB

Flood, Mark

Correlation Between MTHFR677 (C T), Hyperhomocysteinemia, and BMI. 143. AB

Foley, Angela B

Trans Type Genotype Alpha Thalassemia Trait: A Case Study. 79. CP

Fowler, David G

The Clinical Laboratory Practitioner: A New Level of Practice. 71. AB

Freeman, Vicki S

The WEBCLS Project: Its Effects on Participating CLS Faculty. 76. AB

Fritsma, George

Managing the Bleeding Patient. 107. FO

Fritsma, Margaret

Use of Blood Products and Factor Concentrates for Coagulation Therapy. 115. FO

Gade, Jean

Accelerated Cardiac Protocols in Emergency Laboratory Medicine: Four Case Studies. 180. FO

Gade, Wayne

Accelerated Cardiac Protocols in Emergency Laboratory Medicine: Four Case Studies. 180. FO

Demonstration of Proper Micropipetting Technique, Calculation of Precision and Accuracy, and Beer's Law. 75. AB The Emerging Roles on BNP and Accelerated Cardiac Protocols in Emergency Laboratory Medicine. 166. FO

Garcia, Aixa

Survey of Clinical Instruction of Pathology Residents in Immunohematology. 75. AB

Gardner, Jeff

Factor V Leiden with Deep Venous Thrombosis. 6. CP

Geoghagen, JD

An Evaluation of the Platelet Function Effect of Aspirin and Plavix in Subjects with Stable Coronary Disease. 147. AB

Gore, Mary Jane

Trends and Technology: Fall 2003. 249. TT Trends and Technology: Spring 2003. 127.

Trends and Technology: Summer 2003. 191. TT

Trends and Technology: Winter 2003. 63. TT

Grant, Moira M

Asking Different Questions about the Laboratory Profession. 148. AB

Greeley, Mary Louise

Updating the Pre-CLS Requirement in Molecular Biology and Biochemistry to More Effectively Prepare Students for New Molecular Technologies. 76. AB

Green, Ralph EB

Impact of Full-time Professional Practice on Student Perception of Medical Science as a Career. 144. AB

Incorporation of Management Skills in an Undergraduate Medical Laboratory Science Program. 149. AB

Green, Todd

 $\begin{array}{ll} Correlation \ Between \ MTHFR677 \ (C \quad T), \\ Hyperhomocysteinemia, \ and \ BMI. \ 143. \ AB \end{array}$

Greenup, Pat

Biodefense Awareness Courses – Addressing Personnel Shortages and Preparedness for Biological and Chemical Attacks. 70. AB

Gu, Xin

Universal Leukocyte Reduced Transfusions: Cost and Benefits. 149. AB Unusual Sequential Development of Alloantibodies in a Multitransfused Patient with Idiopathic Hemolytic Anemia. 147. AB

Guiles, H Jesse

Investigation of the Utilization of Learned Generic Skills by CLS/MT Practitioners. 75. AB

Hainaut, Charis

Accelerated Cardiac Protocols in Emergency Laboratory Medicine: Four Case Studies. 180. FO

The Emerging Roles on BNP and Accelerated Cardiac Protocols in Emergency Laboratory Medicine. 166. FO

Hall, Margot

In Search of a Meaningful Senior Honors Research Project. 73. AB

Hammami, Nasser

UND/Mayo Cohort: Putting it all Together. 78. AB

Hammerling, Julie A

Expanding Curriculum: A Forensic Science Concentration Within a CLS Degree. 72. AB

Hansen, Kathy

15th Annual ASCLS Legislative Symposium. 135. WB

CLIA Regulations Updated. 68. WB Patient Safety Concerns Grow in Congress. 4. WB

State Licensure Update, 196. WB

Harr, Bob

Computer Simulated Laboratory: Student Perception and Outcomes. 77. AB

Harroff, HH

Effects of Brown Recluse Spider (*Loxoceles reclusa*) Venom on the Coagulation Mechanism in Rabbits (*Oryctolagus cunniculus*). 143. AB

Hawes, Sarah

Hantavirus. 39. FO

Hawthorn, Linda M

Survey of Clinical Instruction of Pathology Residents in Immunohematology. 75. AB Universal Leukocyte Reduced Transfusions: Cost and Benefits. 149. AB

Unusual Sequential Development of Alloantibodies in a Multitransfused Patient with Idiopathic Hemolytic Anemia. 147. AB

Hesson, Sara

Correlation Between MTHFR677 (C T), Hyperhomocysteinemia, and BMI. 143. AB

Hill, Brenda

Correlation Between MTHFR677 (C T), Hyperhomocysteinemia, and BMI. 143. AB

Hindler, Janet F

Antimicrobial Susceptibility Testing: An Interactive Educational CD-ROM. 77. AB

Holcomb, David

The WEBCLS Project: Its Effects on Participating CLS Faculty. 76. AB

Holton, Ronald

Addressing Curriculum Problems through Creative Planning and Scheduling. 79. AB

Horton, Judy A

Letter to the Editor. 132. DD

Hovis, Karrie B

HIPAA Privacy Rules: The Debate Continues. 85. CP

Hudson, Jane

In Search of a Meaningful Senior Honors Research Project. 73. AB

Johnson, Mark E

Validity of Injecting Drug Users' Self Report on Hepatitis A, B, and C. 99. RS

Judd, Debra

Survey of Clinical Instruction of Pathology Residents in Immunohematology. 75. AB

Kahle, Bowie

Correlation Between MTHFR677 (C T), Hyperhomocysteinemia, and BMI. 143. AB

Kamga, F H L

Health Education Strategy in the Control of Urinary Schistosomiasis. 137. CP

Koenn, Mary E

Method Comparison Studies for Prostate Specific Antigen and Unconjugated Estriol Immunoassays. 94. RR

Krefetz, Robin G

Teaching Hematology Using Live Digital Microscopy. 146. AB

Kuntz, Susan

UND/Mayo Cohort: Putting it all Together. 78. AB

Lavanty, Don

15th Annual ASCLS Legislative Symposium. 135. WB

CLIA Regulations Updated. 68. WB Patient Safety Concerns Grow in Congress. 4. WB.

State Licensure Update. 196. WB

Lawrence, Louann W

Trans Type Genotype Alpha Thalassemia Trait: A Case Study. 79. CP

Leclair, Susan

Editorial: Perspective of the Profession. 2. DD

Lehman, Donald C

Development of a Computer Program to Grade Student's Evaluation of Peripheral Blood Smears. 148. AB

Leibach, Elizabeth K

Applications of Evidence Based Practice in Clinical Laboratory Science. 147. AB

Lux, Mary F

Evaluation of Small Group Testing Strategies in a Clinical Microbiology Course. 72. AB

In Search of a Meaningful Senior Honors Research Project. 73. AB

Mahon, Connie R

Dengue Fever in the Western Hemisphere. 34. FO

West Nile Virus: An Emerging Virus in North America. 43. FO

Marques, Marisa B

Treatment of Single Factor Deficiencies: A Case Study Approach. 120. FO

Maser, Raelene E

Development of a Computer Program to Grade Student's Evaluation of Peripheral Blood Smears. 148. AB

Mass, Diana

Antimicrobial Susceptibility Testing: An Interactive Educational CD-ROM. 77. AB

McCaskill, Deborah

Survey of Clinical Instruction of Pathology Residents in Immunohematology. 75. AB Universal Leukocyte Reduced Transfusions: Cost and Benefits. 149. AB

McCown, Linda J

Comparing International Laboratory Education. 71. AB

McCoy, Carol

Editorial: Future Directions for the Clinical Laboratory Scientist. 66. DD

McDaniel, Debbie

Universal Leukocyte Reduced Transfusions: Cost and Benefits. 149. AB

McGlasson, David L

An Evaluation of the Platelet Function Effect of Aspirin and Plavix in Subjects with Stable Coronary Disease. 147. AB Effects of Brown Recluse Spider (*Loxoceles reclusa*) Venom on the Coagulation Mechanism in Rabbits (*Oryctolagus cunniculus*). 143. AB

McKenzie, Shirlyn B

Addressing Curriculum Problems through Creative Planning and Scheduling. 79. CP Finding the Cause of Hypercoagulability: A Critical Role for the Laboratory. 146. AB

McLane, Mary Ann

Adaptation of a Urine-based Drug Screening Assay to Use Serum. 142. AB Hands-on Opportunity to Discover Laboratory Professionalism through Structured Coursework. 144. AB

Miele, Mary E

Hepatitis C Virus Infection: Detection and Treatment. 203. RR

Miller, Samuel

Adaptation of a Urine-based Drug Screening Assay to Use Serum. 142. AB

Monte Verde, Dyan

The Arts of Urine Analysis...Crystals and Calculi. 146. AB

Mini Cases in Microscopic Urinalysis. 146. AB The Use of Audio Visual in the Teaching of Urinalysis. 145. AB

Montgomery, Michelle

Computerized Atlas of Peripheral Blood Smears as a Job Aid. 78. AB

Montoya, Isaac

Assessing Reliability and Validity Measures in Managed Care Studies, 153. RR Editorial: Effecting Translational Research Practices. 194. DD

Murphy, MK

An Evaluation of the Platelet Function Effect of Aspirin and Plavix in Subjects with Stable Coronary Disease. 147. AB

Murray, Elizabeth

Correlation Between MTHFR677 (C T), Hyperhomocysteinemia, and BMI. 143. AB

Murray, Karen R

Impact of a Change in CLS Program Structure on Student Retention. 73. AB

Myers, Shelley

In Search of a Meaningful Senior Honors Research Project. 73. AB

Ndah, Boniface V

Method Comparison Studies for Prostate Specific Antigen and Unconjugated Estriol Immunoassays. 94. RR

Nedry, Melissa

West Nile Virus: An Emerging Virus in North America. 43. FO

Nkwelang, Gerard

Health Education Strategy in the Control of Urinary Schistosomiasis. 137. CP

Patton, Eileen M

Alleviating Shortages with Rural Interdisciplinary Healthcare Teams. 142. AB

Polansky, Valerie

Increasing Enrollment with Online and Off-campus Delivery. 74. AB

Randolph, Tim R

Estimated Incidence of Sickle Cell Anemia and HIV Infection in Northeastern Haiti. 149. AB

Reynolds, Grace

Validity of Injecting Drug Users' Self Report on Hepatitis A, B, and C. 99. RS

Rodak, Bernadette

Editorial: HIPAA—Are We Over-reacting? 130. DD

Rosner, Eunice R

Antimicrobial Susceptibility Testing: An Interactive Educational CD-ROM. 77. AB

Ross, Barbara

Letter to the Editor. 67. DD

Roth, Jarrett

 $\begin{array}{ll} \mbox{Correlation Between MTHFR677 (C} & \mbox{T),} \\ \mbox{Hyperhomocysteinemia, and BMI. 143. AB} \end{array}$

Rubinstein, Matthew L

Hepatitis C Virus Infection: Detection and Treatment. 203. RR

Rudmann, Sally V

Computer Simulated Laboratory: Student Perception and Outcomes. 77. AB

Russell, Barbara

Applications of Evidence Based Practice in Clinical Laboratory Science. 147. AB

Schlicting, Erin G

Validity of Injecting Drug Users' Self Report on Hepatitis A, B, and C. 99. RS

Seabolt, John P

Hantavirus. 39. FO

Sekar, Porrani

Correlation Between MTHFR677 (C T), Hyperhomocysteinemia, and BMI. 143. AB

Shukla, Deepti

Unusual Sequential Development of Alloantibodies in a Multitransfused Patient with Idiopathic Hemolytic Anemia. 147. AB

Smith, Linda A

Addressing Curriculum Problems through Creative Planning and Scheduling. 79. AB Bacterial Contamination of Blood Components. 230. FO Transfusion Risks: Transmission of Viral, Bacterial, or Parasitic Agents. 220. FO Transfusion-transmitted Parasites. 239. FO Transfusion-transmitted Viruses. 221. FO Treatment of Severe *Plasmodium falciparum* Infection with Exchange Transfusion. 146. AB

Spence, Libby M

Clinical Testing via University Website for Off-campus Students. 71. AB

Sutton, J

Effects of Brown Recluse Spider (*Loxoceles reclusa*) Venom on the Coagulation Mechanism in Rabbits (*Oryctolagus cunniculus*). 143. AB

Tatum, Donna Surges

Investigating Medical Laboratory Practioners Scope of Practice. 74. AB Investigation of the Utilization of Learned Generic Skills by CLS/MT Practitioners. 75. AB

Taylor, Laura J

Laboratory Management of the Bleeding Patient. 111. FO

Tenover, Fred G

Antimicrobial Susceptibility Testing: An Interactive Educational CD-ROM. 77. AB

Thompson, Christina

Folate Status in Pregnant Women at the First Prenatal Visit. 144. AB Nutritional Status in Pregnant Women at the First Prenatal Visit. 149. AB

Thornton, Charles

Evaluation of CB-18 for the Detection of *Mycobacterium bovis.* 144. AB

Trevino, Roberto A

Motivations for Condom Use and Nonuse. 20. RS

Veillion, Diana M

HIPAA Privacy Rules: The Debate
Continues. 85. CP
Survey of Clinical Instruction of Pathology
Residents in Immunohematology. 75. AB
Universal Leukocyte Reduced Transfusions:
Cost and Benefits. 149. AB
Unusual Sequential Development of
Alloantibodies in a Multitransfused Patient
with Idiopathic Hemolytic Anemia. 147. AB

Wannemacher, Kenneth

Adaptation of a Urine-based Drug Screening Assay to Use Serum. 142. AB

Ward-Cook, Kory

Investigating Medical Laboratory Practioners Scope of Practice. 74. AB

Weiss, Sandra M

Using Theory-driven Evaluations to Determine Strengths and Weaknesses of a CLS Program. 146. AB

Wells, Rebecca S

Validity of Injecting Drug Users' Self Report on Hepatitis A, B, and C. 99. RS

Wiggers, Thomas B

Clinical Testing via University Website for Off-campus Students. 71. AB

Williams, Gail S

Group C and G Streptococci Infections: Emerging Challenges. 209. RR

Williams, James Christian

Effect of Drawing a Discard Tube on PT and APTT Results in Healthy Adults. 16. RR

Wilson, Diane

Collaborative Development of a Medical Technology Certification Computeradaptive Examination. 143. AB

Wilson, Jo Ann

Expanding Curriculum: A Forensic Science Concentration Within a CLS Degree. 72. AB

Winn, Brian

Computerized Atlas of Peripheral Blood Smears as a Job Aid. 78. AB

Wright, Gary

Correlation Between MTHFR677 (C T), Hyperhomocysteinemia, and BMI. 143. AB

Wright-Kanuth, Michelle S

Bacterial Contamination of Blood Components. 230. FO Transfusion Risks: Transmission of Viral, Bacterial, or Parasitic Agents. 220. FO Transfusion Transmitted Parasites. 239. FO Transfusion-transmitted Viruses. 221. FO When the Road Becomes Bumpy, Throw It Some Curves: Making the Transition for Live Lectures to Interactive Web-based Courses. 76. AB

SUBJECT INDEX

Activated prothrombin complex concentrate

Use of Blood Products and Factor Concentrates for Coagulation Therapy. 115. FO

Acute coronary syndromes

Accelerated Cardiac Protocols in Emergency Laboratory Medicine: Four Case Studies. 180. FO
The Emerging Roles of BNP and Acceler-

ated Cardiac Protocols in Emergency
Laboratory Medicine. 166. FO

AIDS

Motivations for Condom Use and Nonuse. 20. RS

Air quality

Microbiological Threats to Health in the Home. 10. CP

Anatomic hemorrhage

Managing the Bleeding Patient. 107. FO **Anemia**

Unusual Sequential Development of Alloantibodies in a Multitransfused Patient with Idiopathic Hemolytic Anemia. 147. AB

Effect of Drawing a Discard Tube on PT and APTT Results in Healthy Adults. 16. RR

Articulation

Obtaining a Clinical Laboratory Science Degree via Distance Technology. 214. RR

Bacterial contamination

Bacterial Contamination of Blood Components. 230. FO

Biodefense

Biodefense Awareness Courses – Addressing Personnel Shortages and Preparedness for Biological and Chemical Attacks. 70. AB

Blood testing

Transfusion-Transmitted Viruses. 221. FO BNP

Accelerated Cardiac Protocols in Emergency Laboratory Medicine: Four Case Studies. 180. FO

The Emerging Roles of BNP and Accelerated Cardiac Protocols in Emergency Laboratory Medicine. 166. FO

Cardiac protocols

Accelerated Cardiac Protocols in Emergency Laboratory Medicine: Four Case Studies. 180. FO

The Emerging Roles of BNP and Accelerated Cardiac Protocols in Emergency Laboratory Medicine. 166. FO

CLIA

CLIA Regulations Updated. 68. WB

Clinical laboratory practitioner

The Clinical Laboratory Practitioner: A New Level of Practice. 71. AB

Clinical laboratory science

Asking Different Questions about the Laboratory Profession. 148. AB Editorial: Effecting Translational Research Practices. 194. DD

Editorial: Future Directions for the Clinical Laboratory Scientist. 66. DD

Clinical testing

Clinical Testing via University Website for Off-campus Students. 71. AB

Clinical trials

Career Alternative: Clinical Trials. 82. CP

CLS career

Impact of Full-time Professional Practice on Student Perception of Medical Science as a Career. 144. AB

CLS degree

Obtaining a Clinical Laboratory Science Degree via Distance Technology. ???. RR

CLS evaluation

Using Theory-driven Evaluations to Determine Strengths and Weaknesses of a CLS Program. 146. AB

Coagulation

Effects of Brown Recluse Spider (Loxoceles reclusa) Venom on the Coagulation Mechanism in Rabbits (Oryctolagus cunniculus). 143. AB

Coagulation testing

Effect of Drawing a Discard Tube on PT and APTT Results in Healthy Adults. 16. RR

Coagulopathy

Managing the Bleeding Patient. 107. FO

Computer education

Antimicrobial Susceptibility Testing: An Interactive Educational CD-ROM. 77. AB Collaborative Development of a Medical Technology Certification Computer-Adaptive Examination. 143. AB Computer Simulated Laboratory: Student Perception and Outcomes. 77. AB Computerized Atlas of Peripheral Blood Smears as a Job Aid. 78. AB Development of a Computer Program to Grade Student's Evaluation of Peripheral Blood Smears. 148. AB Obtaining a Clinical Laboratory Science Degree via Distance Technology. 214. RR UND/Mayo Cohort: Putting it all Together. 78. AB Using Basic Technology to Prepare Supplemental Urinalysis Study Guide CDs. 78. AB

Condom

Motivations for Condom Use and Nonuse. 20. RS

Coronary disease

An Evaluation of the Platelet Function Effect of Aspirin and Plavix in Subjects with Stable Coronary Disease. 147. AB

Coronary testing

Accelerated Cardiac Protocols in Emergency Laboratory Medicine: Four Case Studies. 180. FO

The Emerging Roles of BNP and Accelerated Cardiac Protocols in Emergency Laboratory Medicine. 166. FO

Cryoprecipitate

Use of Blood Products and Factor Concentrates for Coagulation Therapy. 115. FO

Curriculum

Addressing Curriculum Problems Through Creative Planning and Scheduling. 70. AB Expanding Curriculum: A Forensic Science Concentration within a CLS Degree. 72. AB

Dengue fever

Dengue Fever in the Western Hemisphere. 34. FO

Discard tube

Effect of Drawing a Discard Tube on PT and APTT Results in Healthy Adults. 16. RR

Disease outbreaks

Microbiological Threats to Health in the Home. 10. CP

Disease

Co-morbidity of Type II Diabetes and Alzheimer's Dementia: Frequency and Treatment Strategies. 148. AB

Disseminated intravascular coagulation

Laboratory Management of the Bleeding Patient. 111. FO

Distance learning

Obtaining a Clinical Laboratory Science Degree via Distance Technology. 214. RR

Drug screening

Adaptation of a Urinary-based Drug Screening Assay to Use Serum. 142. AB

Education

Comparing International Laboratory Education. 71. AB Increasing Enrollment with Online and Off-Campus Delivery. 74. AB Novel Educational Strategy for Clinical Electrophoresis Workshop. 145. AB Survey of Clinical Instruction of Pathology Residents in Immunohematology. 75. AB Teaching Hematology Using Live Digital Microscopy. 145. AB The Use of Audio Visuals in the Teaching

of Urinalysis. 145. AB

Updating Pre-CLS Requirements in Molecular Biology and Biochemistry to More Effectively Prepare Students for New Molecular Technologies. 76. AB The Use of Audio Visuals in the Teaching of Urinalysis. 145. AB

Ehrlichiosis

Human Granulocytic Ehrlichiosis: A Case Study. 72. AB

Employment

Career Alternative: Clinical Trials. 82. CP **Encephalitis**

West Nile Virus: An Emerging Virus in North America. 43. FO

Enteric pathogens Microbiological Threats to Health in the Home. 10. CP

Environmental microbiology

Microbiological Threats to Health in the Home. 10. CP

Evidence based practice

Applications of Evidence Based Practice in Clinical Laboratory Science. 147. AB

Factor replacement concentrates

Use of Blood Products and Factor Concentrates for Coagulation Therapy. 115. FO

Factor V Leiden

Factor V Leiden with Deep Venous Thrombosis. 6. CP

Factor VIII concentrate

Treatment of Single Factor Deficiencies: A Case Study Approach. 120. FO

Factor VIII inhibitor

Treatment of Single Factor Deficiencies: A Case Study Approach. 120. FO

Folate

Folate Status in Pregnant Women at the First Prenatal Visit. 144. AB

Frozen plasma

Use of Blood Products and Factor Concentrates for Coagulation Therapy. 115. FO

Generic skills

Investigation of the Utilization of Learned Generic Skills by CLS/MT Practitioners. 75. AB

Hantavirus

Hantavirus. 39. FO

Health education

Health Education Strategy in the Control of Urinary Schistosomiasis. 137. CP

Hemophilia

Treatment of Single Factor Deficiencies: A Case Study Approach. 120. FO

Hepatitis C virus

Hepatitis C Virus Infection: Detection and Treatment. 203. RR

Hepatitis

Validity of Injecting Drug Users' Self Report of Hepatitis A, B, and C. 99. RS

Hepatocellular carcinoma

Hepatitis C Virus Infection: Detection and Treatment. 203. RR

HIPAA

Editorial: HIPAA – Are We Over-reacting?

HIPAA Privacy Rules: The Debate Continues. 85. CP

HIV

Estimated Incidence of Sickle Cell Anemia and HIV Infection in Northeastern Haiti. 149. AB

Hypercoagulability

Finding the Cause of Hypercoagulability: A Critical Role for the Laboratory. 146. AB

Hyperhomocysteinemia

Correlation Between MTHFR677 (C T), Hyperhomocysteinemia, and BMI. 143. AB

Infectious disease prevention

Microbiological Threats to Health in the Home. 10. CP

Infectious diseases

Validity of Injecting Drug Users' Self Report of Hepatitis A, B, and C. 99. RS

Injection drug use

Validity of Injecting Drug Users' Self Report of Hepatitis A, B, and C. 99. RS

Interferon

Hepatitis C Virus Infection: Detection and Treatment. 203. RR

Laboratory practitioners

Investigating Medical Laboratory Practitioners Scope of Practice. 74. AB

Latex kit

Rapid MRSA Detection by a Latex Kit. 198. CP Laundry

Microbiological Threats to Health in the Home. 10. CP

Legislative symposium

15th Annual ASCLS Legislative Symposium. 135. WB

Licensure

Editorial: Perspective of the Profession. 2. DD State Licensure Update. 196. WB

Managed care

Assessing Reliability and Validity Measures in Managed Care Studies. 153. RR

Management

Incorporation of Management Skills in an Undergraduate Medical Laboratory Science Degree. 149. AB

Manipulatives

Implementation of Manipulatives in the Clinical Microbiology and Immunology Classroom. 73. AB

Methicillin resistance

Rapid MRSA Detection by a Latex Kit. 198. CP

Micropipetting

Demonstration of Proper Micropipetting Technique, Calculation of Precision and Accuracy, and Beer's Law. 75. AB

Mycobacterium bovis

Evaluation of CB-18 for the Detection of *Mycobacterium bovis.* 144. AB

Myocardial infarction

Accelerated Cardiac Protocols in Emergency Laboratory Medicine: Four Case Studies. 180. FO

The Emerging Roles of BNP and Accelerated Cardiac Protocols in Emergency Laboratory Medicine. 166. FO

Nutrition

Nutritional Status in Pregnant Women at the First Prenatal Visit. 149. AB

Parasites

Transfusion Transmitted Parasites. 239. FO

Partial thromboplastin time Laboratory Management of the Bleeding

Patient. 111. FO **Peginterferon**

Hepatitis C Virus Infection: Detection and Treatment. 203. RR

Plasmodium falciparum

Treatment of Severe *Plasmodium falciparum* Infection with Exchange Transfusion. 146. AB

Platelet concentrate

Use of Blood Products and Factor Concentrates for Coagulation Therapy. 115. FO

Platelet count

Laboratory Management of the Bleeding Patient. 111. FO

Professionalism

Hands-on Opportunity to Discover Laboratory Professionalism through Structured Coursework. 144. AB

Protein C

Factor V Leiden with Deep Venous Thrombosis. 6. CP

Prothrombin time

Laboratory Management of the Bleeding Patient. 111. FO

PΊ

Effect of Drawing a Discard Tube on PT and APTT Results in Healthy Adults. 16. RR

Rapid detection

Rapid MRSA Detection by a Latex Kit. 198. CP

Reliability

Assessing Reliability and Validity Measures in Managed Care Studies. 153. RR

Research

Editorial: Effecting Translational Research Practices. 194. DD

In Search of a Meaningful Senior Honors Research Project. 73. AB

Ribavirin

Hepatitis C Virus Infection: Detection and Treatment. 203. RR

Rural healthcare

Alleviating Shortages with Rural Interdisciplinary Healthcare Teams. 142. AB

Safety concerns

Patient Safety Concerns. 4. WB

Self-report

Validity of Injecting Drug Users' Self Report of Hepatitis A, B, and C. 99. RS

Sickle cell anemia

Estimated Incidence of Sickle Cell Anemia and HIV Infection in Northeastern Haiti. 149. AB

Staphylococcus aureus

Rapid MRSA Detection by a Latex Kit. 198. CP

Streptococcus infections

Group C and G Streptococci Infections: Emerging Challenges. 209. RR

Student retention

Impact of a Change in CLS Program Structure on Student Retention. 73. AB

Systemic hemorrhage

Managing the Bleeding Patient. 107. FO

Testing

Evaluation of Small Group Testing Strategies in a Clinical Microbiology Course. 72. AB

Thalassemia

Trans Type Genotype Alpha Thalassemia Trait: A Case Study. 79. CP

Thrombosis

Factor V Leiden with Deep Venous Thrombosis. 6. CP

Transfusions

Bacterial Contamination of Blood Components. 230. FO Transfusion Transmitted Parasites. 239. FO Transfusion-Transmitted Viruses. 221. FO Universal Leukocyte Reduced Transfusions:

Cost and Benefits. 149. AB

Urinalysis

The Arts of Urine Analysis...Crystals and Calculi. 146. AB

Mini Cases in Microscopic Urinalysis. 146. AB

Urinary schistosomiasis

Health Education Strategy in the Control of Urinary Schistosomiasis. 137. CP

Validity

Assessing Reliability and Validity Measures in Managed Care Studies. 153. RR Validity of Injecting Drug Users' Self Report of Hepatitis A, B, and C. 99. RS

Viruses

Transfusion-Transmitted Viruses. 221. FO

von Willebrand disease

Laboratory Management of the Bleeding Patient. 111. FO

Treatment of Single Factor Deficiencies: A Case Study Approach. 120. FO

Web education

Obtaining a Clinical Laboratory Science Degree via Distance Technology. 214. RR The WEBCLS Project: Its Effects on Participating CLS Faculty. 76. AB When the Road Becomes Bumpy, Throw it Some Curves: Making the Transition for Live Lectures to Interactive Web-based Courses. 76. AB

West Nile virus

West Nile Virus: An Emerging Virus in North America. 43. FO