

THE ARUP INSTITUTE FOR LEARNING SPEAKERS

The following is a list of ARUP medical consultants and staff members who frequently present lectures in conjunction with local, regional, and national programs. Lectures in most disciplines of laboratory medicine are available for pathologists, clinicians, and clinical laboratory scientists. In addition to those listed here, other topics may be addressed upon consultation with individual speakers.



Edward Ashwood, MD
 • Maternal Serum Screening



Arthur Brothman, PhD, FABMG, FACMG
 • CGH Microarrays: From Research to Diagnostics
 • New Technologies in Cytogenetics
 • Platforms Determination for CGH Microarray Analyses
 • Significance of Copy Number Polymorphisms



David Bahler, MD, PhD
 • Flow Cytometry Analysis of Leukemias and Lymphomas



Karen Brown, MS, MLS(ASCP)
 • Hematology M+Ms: The Maturation, Morphology, and Mystery of Erythrocytes
 • Hematology M+Ms: The Maturation, Morphology, and Mystery of Leukocytes
 • Phlebotomy Ps and Qs



Martha Bale, MS, MT(ASCP)
 • Diagnostic Infectious Disease
 • How to Bring Molecular Diagnostics into Your Clinical Laboratory
 • Molecular Diagnostics; Work-Practice Control
 • Role of Clinical Microbiology Laboratory in Hospital Infection Control

Sherwood Casjens, MD
 • CGH Microarrays: From Research to Diagnostics
 • New Technologies in Cytogenetics
 • Platforms Determination for CGH Microarray Analyses
 • Significance of Copy Number Polymorphisms



Pinar Bayrak-Toydemir, MD, PhD
 • HHT Testing
 • Rett Syndrome
 • Sequencing



Julio Delgado, MD, MS
 • HLA and Disease
 • Laboratory Testing in Transplantation
 • Monoclonal Gammopathies
 • The Role of sCD30 Testing in Transplant Monitoring



Mary Bronner, MD
 • Barrett's Esophagus
 • Hereditary GI Cancer Testing
 • Idiopathic Inflammatory Bowel Disease
 • Tumor Identity Testing by PCR



Gary Ellis, DDS
 • Common Oral Lesions
 • Fibro-osseous Diseases of the Jaws
 • Jaw Cysts
 • Non-neoplastic Diseases of Salivary Glands
 • Odontogenic Tumors
 • Salivary Gland Neoplasms
 • Sinonasal Lesions
 • Squamous Cell Carcinoma of the Head and Neck



D. Glen Esplin, DVM, PhD

- CSI: Veterinary Style
- Tumors Unique to Animals
- The World of Veterinary Medicine Through the Eyes of a Pathologist



Leslie Hamilton, BS, MT(ASCP)SM

- Effective Management of Your Workforce



Michele Fisher, MT(ASCP)

- Quality Management and Improvement Tools



Dina Hannah, MBA/HCM, MT(ASCP)H, SBB, CIPP

- HIPAA



Jo Deanne Fontenot, MS, MT(ASCP)

- A Lean Laboratory: Tools for Improving Quality and Efficiency
- Employee Mentoring: Fostering a Culture of Contribution
- Hematology Instruments: Evaluation, Selection, and Validation
- Improving Employee Retention: Strategies that Work
- Lead with Confidence: Liberating the Leader in Yourself
- Point-of-Care Testing: Leading the Way



Kimberly Hanson, MD, MHS

- Fungal Diagnostics



Sue Garr, MT(ASCP)

- Managing Effective Changes in Support Services
- Streamlining Specimen Processing Area



Charles Hawker, PhD, MBA

- Automated Quality Inspection of Specimens
- Clinical Laboratory Automation



Karen Gauna, BS, CT(ASCP)

- Cytology Topics
- Quality Assurance in Anatomic Pathology



Harry Hill, MD

- Chronic Granulomatous Disease: Clinical and Laboratory Diagnosis
- Clinical and Laboratory Diagnosis of Neutrophil Disorders
- Clinical and Laboratory Recognition of Cell-Mediated Immunodeficiencies
- Complement Simplified for the Laboratorian
- Hypogammaglobulinemia: Clinical and Laboratory Diagnosis and Management
- Job Syndrome to Hyper IgE and Recurrent Infections
- Luminex Multianalyte Immunoassays
- Star Wars of the Body Besieged: A Review of Immunology and Immunodeficiency (i.e., the Adult or Pediatric Patient with Too Many Infections)
- Wilderness Medicine for the Laboratorian



David Grenache, PhD

- The Clinical and Analytical Complexities of Human Chorionic Gonadotropin Tests
- Contemporary Issues in Fetal Lung Maturity Testing
- The Lamellar Body Count: How to Develop, Validate, and Introduce It into Your Laboratory
- Macroprolactin: What Laboratorians Need to Know



David Hillyard, MD

- Advances in HCV Molecular Diagnostics and Treatment
- Avian Influenza
- BK Virus Testing in Renal Transplant Patients
- Design for Molecular Infectious Disease Testing
- Emerging Infectious Diseases
- Hepatitis B Molecular Testing
- Human Papilloma Virus DNA Detection and the Diagnosis and Management of Cervical Cancer
- Laboratory Diagnosis of Sexually Transmitted Diseases: Update on Molecular Testing
- Molecular Diagnosis of Viral Respiratory Infections
- Molecular Testing for Encephalitis/Meningitis
- Verification and Validation of Molecular Infectious Disease Tests
- West Nile Virus



Mark Kushnir, PhD

- Introduction to Experimental Design
- Statistics for Method Comparison Studies



Lester Layfield, MD

- Estrogen/Progesterone Receptor Analysis
- FNA Breast
- FNA Head and Neck
- HER-2/neu Methodology and Clinical Implications



Ana Hooker, MBA, MT(ASCP)

- Communication and Conflict Resolution in a Multicultural Setting: Tools and Tips for the Facilitator
- Cultural Diversity in the Workplace
- Employee Mentoring and Retention
- Enhancing the Effectiveness of Cross Functional Teams Using a "Modified Agile" Approach
- Training Tools

David J. Layton

- Applying Lean Principles in the Clinical Laboratory
- Applying Value Stream Mapping and other Lean Tools in the Clinical Laboratory
- Visualize and Improve the Laboratory with Value Stream Mapping: A Powerful Tool



Brian Jackson, MD, MS

- Analyzing Test-Ordering Patterns: Improving Diagnosis and Reducing Costs
- Improving Utilization of Laboratory Tests



Nicola Longo, MD

- Defects of the Urea Cycle
- Disorders of Creatine Metabolism and Transport
- Inherited Disorders of Fatty Acid Oxidation
- Organic Acidemias



David Jackson, MBA

- Strategic Planning Process for Laboratories



Elaine Lyon, PhD

- Evaluation for Fragile X Syndrome
- Genetic Molecular Testing
- Genetic Testing for Cystic Fibrosis



Kamisha Johnson-Davis, PhD, DABCC

- Drug Abuse Testing in the Clinical Laboratory
- Overview of Toxicology
- Therapeutic Drug Management



Lucinda Manning, BA, MT(ASCP)RN

- Implementing Automation in the Transfusion Laboratory
- Reporting Laboratory Errors without Fear
- When Profession Meet: Bridging the Gap Between Laboratory and Nursing



Rong Mao, MD

- Fragile X Syndrome: Interesting Cases
- Innovation in Molecular Diagnosis
- Using PCR in Molecular Diagnosis



Karen Nielsen, MBA, MT(ASCP)SBB

- Competency Documentation, Staff Training, and Competency
- Error Management
- Resolution of Positive DATs
- Warm and Cold Autoantibodies



Lawrence McGill, DVM, PhD, Diplomate, ACVP

- Induced Sarcomas in Animals
- Practical Veterinary Cytology
- Veterinary Disease Potpourri



Marzia Pasquali, PhD

- Disorders of Amino Acids Metabolism
- Fatty Acid Oxidation Defects
- Mucopolysaccharidoses
- Newborn Screening
- Organic Acidemias



Gwen McMillin, PhD

- Detection of in Utero Drug Exposure
- Drug Testing to Support Pain Management Clinics
- Pharmacogenetics
- Trace and Toxic Elements of Clinical Significance



John Penrose, BS

- Expert Specimen Processing (ESP)
- IT Management
- Laboratory Data Interfacing
- Laboratory Information Systems



Wayne Meikle, MD

- Current Diagnosis and Treatment of Prostate Cancer
- Diagnosis and Management of Testosterone Deficiency in Men, Including Andropause
- Diagnosis and Treatment of Cushing Syndrome
- Diagnosis and Treatment of Thyroid Cancer
- Laboratory Diagnosis of Calcium Metabolism Disorders
- Laboratory Diagnosis of Thyroid Disorders
- Vitamin D Deficiency



Sherrie Perkins, MD, PhD

- Chronic Myeloproliferative Diseases and the 2008 WHO Classification
- Diagnosis and Laboratory Testing for AML Using the 2008 WHO Classification
- New Concepts in Red Cell Disorders



Bonnie Messinger, CPHQ, Six Sigma Black Belt

- Error-Proofing
- Quality as a Systems Property



Chérie Petersen, BA

- Are You a Customer Service "Have" or "Have Not"?
- Car Engines and Customer Service: What Do They Have in Common?
- Communicating When There is Potential for Conflict
- Communication Biohazard
- The Customer-Driven Laboratory: Your Leadership Role in a Culture Reform
- Empowered Communications Through Behavior-Style Identification
- Exceptional Service Based on Principles
- Leading with Authority Rather than Power
- Management Strategies for Creating a Culture of Service Excellence
- Pursuing Service Excellence
- Quantifying the Financial Impact of Service Excellence



Gordon Nelson, C(ASCP), NRCC-TC

- Clinical Drug Abuse Testing
- Observations in National Laboratory Inspections
- Testing by Mass Spectrometry



Nancy Pitstick, BA, MT(ASCP)

- Clinical Interpretation of Serological Infectious Disease Results
- Mentoring: How Does Your Garden Grow?



Kristi Smock, MD

- Aspirin Resistance Testing
- von Willebrand Disease



Alan Rockwood, PhD

- Introduction to LC-MS/MS
- Mass Spectrometry of Methylmalonic Acid (MMA) and the Relationship of MMA to Vitamin B12



Sarah South, PhD

- Cytogenetics: Techniques and Applications
- The Use of Fluorescence in Situ Hybridization (FISH) in the Context of Hematologic Malignancies
- Utility of Genomic Microarray as a Primary Analysis for the Indication of Developmental Delay/Mental Retardation



George Rodgers, MD, PhD

- Case Studies in Hemostasis
- Heparin-Induced Thrombophilia
- Thrombophilia Testing: Useful or Not?
- Thrombotic Thrombocytopenic Purpura



Joely Straseski, PhD, MS, MT(ASCP), DABCC

- The Delta Check in Action: Causes and Consequences of Discrepant Laboratory Results
- Optimal, Insufficient, or Deficient: Which Vitamin D Test Should I Order and What Is the Lab Actually Measuring?



Mohamed Salama, MD

- Understanding Leukemia from a Lab Perspective
- Understanding Lymphoma from a Lab Perspective



Anne Tebo, PhD

- Immunologic and Clinical Relevance of Anti-Citrullinated Protein Antibodies (ACPA) in Rheumatoid Arthritis
- Laboratory Evaluation of Connective Tissue Diseases
- Laboratory Testing for Antiphospholipid Syndrome
- Testing for Celiac Disease



Wade Samowitz, MD

- Full Gene Analysis for Diagnosis of Lynch Syndrome (HNPCC)
- Microsatellite Instability and BRAF Mutations in the Workup of Lynch Syndrome (HNPCC)
- Pathways of Colorectal Carcinogenesis



Tom Wachter, MBA/HCM, SLS(ASCP)

- Disaster and Contingency Planning
- Laboratory Safety Programs
- Regulated Waste Management in the Laboratory



Patricia Slev, PhD

- Serologic Assays for Viral Hepatitis (A, B, and C) Infection
- Serologic Assays, Screening, and Confirmatory for HIV Infection
- Hepatitis C Viral Infection and IL28B Genotyping



Ronald Weiss, MD, MBA

- Acute Leukemias and Myelodysplastic Syndrome
- Governmental and Regulatory Issues Facing Pathologists and Clinical Laboratories
- Malignant Lymphomas
- Myeloproliferative Neoplasms
- Principles of Laboratory Management
- Risk Management in Pathology and Laboratory Medicine



Cal Williams, BS

- Inventory Control
- Materials Control
- Selecting the Best Kanban Program to Meet Your Needs and Pocketbook.
- Warehousing



**Cecelia Wright, MBA, MT(ASCP),
CLS(NCA)**

- Employee Recognition

