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**Opening Keynote**

**Going Over to the Darkside – Becoming an Academic Administrator**

**Vicki S. Freeman**

**PhD, MASCP,MLS(ASCP)CMSCCM,FACB**

Dr. Vicki Freeman is currently Associate Dean of

Faculty Development in the School of Health

Professions and Chair and Professor in the Department of Clinical Laboratory Sciences at the University of Texas Medical Branch in Galveston, Texas. She is primarily responsible for leading UTMB’s Clinical laboratory sciences program in the one of the largest and most dynamic in

the country. Besides running a department with an annual of about $2.9 million, Dr. Freeman has generated over $7,000,000 in funded projects that include different agencies, i.e. Departments of Education, Labor and Health and Human Services.

Dr. Freeman is a tenured full professor in Clinical Laboratory Sciences

and holds additional faculty appointments in the School of Health Professions, School of Medicine and Graduate School of Biomedical Sciences. She is

also a University of Texas Distinguished Professor and a Minnie Stevens

Piper Professor.

**M. LaCheeta McPherson**

**PhD, MT(ASCP)**

Dr. M. LaCheeta McPherson recently retired

From El Centro College in Dallas. During her 37

year history with the college, she served as the

Executive Dean of Health and Legal Studies

Division for the last 12 years. She administered the Paralegal

program and 15 health career programs, including two levels of nursing; registered nurse and licensed practical nurse. The average enrollment in

her division exceeded 2500 students each semester.

Dr. McPherson has over 40 years of experience in healthcare education. She participated in the two-year development of a six-course core curriculum

for allied health and nursing in 1996. This curriculum model continues to

be successful in creating career pathways for over 3000 students annually. The model was used by the Department of Labor to develop the Health Care Competency for the United States.

Dr. McPherson has served as President of the Commission of

Allied Health Education Programs and the National Network of Health

Career Programs in Two Year Colleges. She has been a speaker for

numerous national audiences, including the Institute of Medicine,

the Council on Higher Education Accreditation, the commission on Allied Health Education Professions, the National Network of Health Career

Programs in Two Year Colleges and the Disaster Response National Consultants. She is currently a partner in a consulting group,

Journey Led Solutions.

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**SPEAKER PRESENTATIONS**

**THURSDAY, MARCH 30**

**8:00 – 8:55 AM**

**Cottonwood A**

Muneeza Esani, PhD, MPH, MHA, MT(ASCP) and

Barbara J. Bryant, MD

*University of Texas Medical Branch*

**TOPIC: Iron Deficiency in Blood Donors**

**Cottonwood B**

Pejman Rahimian, PhD, MLS(ASCP)

*University of Texas Southwestern*

**TOPIC: HIV Diagnosis: Current Improvements and Challenges**

**9:00 – 9:55 AM**

**Cottonwood A**

Jared Jaeger, PhD

*Ortho Diagnostics*

**TOPIC: Heart Failure and the Use of Natriuretic Peptides**

**Cottonwood B**

Patricia Jones, PhD

*University of Texas Southwestern*

**TOPIC: Pediatric Clinical Chemistry: What Makes it Different?**

**Break – Cottonwood D**

**10:30 – 11:25 AM**

**Cottonwood A**

Janet Miles, MD

*ProPath*

**TOPIC: Preventing Over Diagnosis: Why Too Many Lab Tests Are Bad For Your Health**

**Cottonwood B**

Rodney E. Rohde, PhD, SVCM, SMCM, MB(ASCP)CM

*Texas State University*

**TOPIC: Globilization and Infectious Diseases**

**11:30 AM – 12:25 PM**

**Cottonwood A**

Barbara J. Bryant, MD

*University of Texas Medical Branch*

**TOPIC: As the Centrifuge Turns: Déjà vu and Creative Blood Banking**

**Cottonwood B**

Jianzhi Zhang, MD, MS, M(ASCP)

*University of Texas Medical Branch*

**TOPIC: Evidence-based Clinical Laboratory Science Research-an HIV-associated Pain Research Journey**

**Cottonwood C**

Eric Hoy, PhD, (ASCP)SI

*University of Texas Southwestern*

TOPIC: Laboratory Testing for Autoimmune Disease–

What is Being Done, What Should be Done and What

Will be Done

**12:30 – 1:30 PM–Student Lunch and Student Forum**

**Watters A and B**

**1:30 -2:25 PM**

**Watters A and B**

**Student Track – Lab Olympics**

**Cottonwood A**

Jared Jaeger, PhD

*Ortho Diagnostics*

**TOPIC:** **Current Concepts in Hepatitis Testing**

**Cottonwood B**

Sara Taylor, PhD, MLS(ASCP)MB

*Tarleton State University*

**TOPIC: Adjunct Pharmacogenomic Studies in a Patient with Acute Mylelogenous Leukemia**

**2:30 – 3:30 PM**

**DEDICATED EXHIBIT PRESENTATIONS**

**Cottonwood D**

**3:30 – 5:00 PM**

**Cottonwood A, B and C**

**OPENING KEYNOTE**

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**FRIDAY MARCH 31**

POSTER SESSION 8:00 AM – 3:00 PM

Set up 8:00-9:00

Presentation and Judging 9 AM

**Cottonwood Foyer**

**SPEAKER PRESENTATIONS**

**8:00-8:55 AM**

**Cottonwood A**

Ydania Pezzat

*University of Texas Rio Grand Valley*

**TOPIC: How to Have a Successful Clinical Rotation**

**Cottonwood B**

Kimberly Bowles, PhD, MLS(ASCP)CM

*University of Texas, Arlington*

**TOPIC: Introduction to Sequencing Technology for the Clinical Laboratory**

**Cottonwood C**

Barbara Sawyer, MLS(ASCP), MB(ASCP)

*Texas Tech University Health Science Center*

**TOPIC: Mass Spectrometry Does What?**

**9:00 – 9:55 AM**

**Cottonwood A**

**Student Track – Certification Discussion by Recent Grads**

**Cottonwood B**

Eddie Salazar, PhD, MLS(ASCP)CM

*University of Texas Medical Branch*

**TOPIC: Interprofessional Education in Undergraduate and Graduate CLS curriculum**

**Cottonwood C**

Sarah Fermgen, PhD, MLS(ASCP)CM

*Medfusion*

**TOPIC: Zika for the Laboratory: Transmission, Testing**

**and the Medical Technologist**

**Break - Cottonwood D**

**10:35 – 11:25 AM**

**Cottonwood A**

**Student Track - Diverse Jobs Panel**

**Cottonwood B**

Leanne Hutson, PhD, MLS(ASCP)CM

*Parkland Health and Hospital System*

**TOPIC: Point of Care Testing and the Modern Laboratory**

**Cottonwood C**

Shirlyn McKenzie, PhD, MLS, SH(ASCP)CM

*University of Texas Health Science Center, San Antonio*

**TOPIC:** **An Update on Iron Metabolism**

**11:30 AM – 1:00 PM**

**LUNCH – ON YOUR OWN**

**Enjoy one of the more than 25 restaurants in the area**

**1:00 – 1:55 PM**

**Cottonwood A**

Brooke Seeba

*Aureus Medical*

**TOPIC: Get Connected! – Resources for Students**

**and New Grads**

**Cottonwood B**

Disha Dumka, MT(ASCP)

*Schryver Medical*

**TOPIC: Signal Transduction Pathways as Therapeutic Targets in Chronic Myeloid Leukemia**

**Cottonwood C**

Joel Hubbard, MT(ASCP) and Barbara Sawyer,MLS(ASCP), MB(ASCP)

*Texas Tech University Health Science Center*

**TOPIC: Predicting Success in an Online CLS Program**

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**FRIDAY (CONTINUED)**

**2:00 - 2:55 PM**

**Cottonwood A**

Eric Bruton,

*Texas State University*

**TOPIC: Undergraduate Internships: A Time to**

**Shine for CLS**

**Cottonwood B**

Allie Smith, PhD, M(ASCP)CM

*Texas Tech University Honors College*

**TOPIC: Molecular Identification for Biofilm- Associated Infections**

**Cottonwood C**

Jasmin Davis, Ashley Lowry, Ady Olvera

**TOPIC: TACLS Academy**

**3:00 – 3:30** **PM Break – Cottonwood Foyer**

**3:30 – 5:00 PM**

**CLOSING KEYNOTE**

**Cottonwood A, B and C**

Joanna Ellis, MS, MLS(ASCP)CM; Sharon Armstead, EMBA, RRT; Idahlia Bland; Ashleigh Graham

and Ashley Wells

*Texas State University*

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**CLOSING KEY**NOTE

**Joanna Ellis, MS, MLS(ASCP)CM**

**Sharon Armstead, EMBA, RRT**

**Idahlia Bland; Ashleigh Graham and Ashley Wells**

In January of 2017, Texas State University completed the first Interprofessional Service-Learning Study Abroad program in the

Nation that included clinical laboratory science students. We were

The first students and faculty from the United States ever granted

access to public Nicaraguan clinical laboratories. This presentation

discusses the logistics of creating the program and the observations

of the clinical laboratories in Nicaragua. It also discusses the importance and value of interprofessional education and

collaboration.

Joanna Ellis is a Clinical Assistant Professor and Clinical Coordinator for the Clinical Laboratory Sciences program at Texas

State University. Ms. Ellis is a graduate of the same program and has a Masters of Science in Biotechnology from Johns Hopkins University. Because of her learning experience in Nicaragua, she is currently pursuing a certificate in Sustainable Community Development from Colorado State University.

Sharon Armstead is a native of Guyana, South America and is a Canadian citizen. Ms. Armstead is a Registered Respiratory Therapist and Clinical Assistant Professor of Health in the Respiratory Care Department of the College of Health Professions at Texas State University. Sharon received her Bachelor of Science in Professional Development and Advanced Patient Care and the Ken Blanchard Executive Masters of Business Administration from Grand Canyon University. She comes from a background of leadership and management and has over 30 years in the healthcare field.

Joining Ms. Ellis and Ms. Armstead are three student panelists who were part of the study abroad program, Idahlia Bland, Ashleigh

Graham and Ashley Wells.