

Sugar Land, TX 77498

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Karlien S Tebbetts, M. ED. MLS (ASCP)

Experience	01/2019 – Present.	Houston Community College Coleman Health Science College	Houston, TX
	Interim Program Director Medical Laboratory Technician Program and Full Time Faculty		
	09/2015 - 2019	Houston Community College Coleman Health Science College	Houston, TX
	Faculty		
	Courses:		
	Microbiology		
	Parasitology/Mycology		
	Urinalysis and Body Fluid analysis		
	Clinical Chemistry I and II		
	Phlebotomy		
	Hematology		
	Registry Review		
	Seminar		
	<ul style="list-style-type: none">• Improve instruction through reviewing and utilizing innovative methodologies, techniques, and delivery methods.• Development and use of a syllabus for each course or laboratory within discipline, and departmental guidelines.• Plan, develop, and use a variety of teaching methods and materials to assist students in meeting course objectives.• Evaluate student progress and inform them of their progress in the course in a timely manner.• Keep accurate student records, submit related reports and forms within requested timelines.• Review, evaluate, and recommend student textbooks and learning materials.• Teach courses at a variety of times and locations in response to institutional needs.• Make presentations on a particular academic field or program - its subject matter, objectives, opportunities for further study (transfer opportunities), and opportunities for work (co-ops, part-time, work-study) and careers, special clubs and activities available, support services, scholarships, etc.• Participate in scheduled institutional service activities: including opening week events, conference days, and commencement exercises.• Participate in college-related activities such as student activities, selection of faculty, community education, recruitment of students, and/or special programs.• Participate in activities required to maintain program and college accreditation standards.• Assisting in the formulation of departmental objectives and goals and in establishing budget priorities.• Review, evaluate, and revise program curricula and practices to assure compliance with professional standards, state-mandated guidelines and requirements of business/ industry, and higher education.• Assist in the articulation of courses and programs with secondary and post-secondary institutions.• Create lesson plans, course outlines and student performance evaluations• Have ability to work in a diverse work environment• Knowledge and skill in variety of computer usage and software.		
	01/2015 - 09/2015	Texas Childrens Hospital	Houston, TX
	Medical Laboratory Technologist in Microbiology		
	<ul style="list-style-type: none">• Perform all duties required as per laboratory protocol and standard operating procedures.		

- Specimen processing, preparation and distribution to the correct benches for organism identification and sensitivity testing.
- Organism identification, plating and susceptibility testing based on infection location.
- Perform daily, weekly, monthly, and quarterly quality control for antibiotics, reagents, equipment and culture media.
- Proficient in use of Sunquest Laboratories, Sunquest Reflexion, and EPIC software.
- Proficient in troubleshooting, using and maintaining MGS 80 stainer, Vitek 2, Vizion, and bioMerieux equipment.

08/2012 - 12/2015 Carter BloodCare

Tyler, TX

Histocompatibility Laboratory Technologist

- Perform all duties required as per laboratory protocol and standard operating procedures including tissue crossmatching and T / B lymphocyte harvesting; using whole blood, lymph nodes or spleen, for kidney transplant workups.
- DNA extraction for HLA typing. SSO / SSP HLA antibody typing. DNA analysis using Fusion 3.0
- SSO antigen typing, antibody analysis
- Perform daily, weekly, monthly, and quarterly quality control.
- Maintaining patient / organ donor records.
- PCR, DNA analysis
- Creating detailed SOPs on how to utilize and use program software.

Proficient in use of Beckman Coulter FC500, Luminex, QIAcube, and Oracle software

UT Health Sciences Center – Hematology

Carter Bloodcare – Blood Banking

MedFusion – Microbiology/Virology/Mycology

TX

Student Laboratory Assistant

- Prepared send-out specimens for reference laboratory work-ups.
- Delivered all specimens from throughout hospital to laboratory departments.
- Analyzed samples and performed tests as directed by lab personnel.
- Observe mycology and study mycology slides, make mycology slides under a hood. Observe virology cell culture, study viral cell culture slides stained with specialized stain. Culture and examine urine plates, plate specimens from wounds and other samples. Observe handling of positive blood culture results from BacTec, practice making Kirby Bauer plates for susceptibility testing. Observe parasitology handling of specimens, trichrome staining of samples, fecal flotation. Study positive parasitic slides
- Managed specimen processing for specimens run on Vista, as well as performed pretreatment for Tacrolimus and Cyclosporine specimens, ran BMP samples, and osmolality testing on urine samples. Manual HIV testing, urine drug abuse screenings, sample archiving, occasional manual BMP test. Performed QC on a daily basis.
- Performed erythrocyte sedimentation rates, reticulocyte counts, thrombin times, PT's, APTT's, fibrinogens, specimen handling, and computer data entry. Operated Coulter LH 750 Hematology Analyzer, General Diagnostics Coag-a-Mate XM, UriSCAN urine analyzer, as well as performed manual D-Dimers, pregnancy screens, drug abuse urine screens, urine microscopies, and phlebotomy.

Performed: ABO RH Blood typing, antibody identification, DAT, IAT, mechanical cell washing with UltraCW, use of enzymes for Ab ID, crossmatching and compatibility testing, elutions, gel method and test tube method

6/2007 - 3/2008 Advanced Analytical Laboratories

Whitehouse, TX

Organic Extraction Technician

- Performed organic extractions on environmental, business, and public samples.
- Testing samples include soil, water, sludge, and misc. substances.
- Performed daily, weekly, and monthly quality control.

Education

- *M. Educational Leadership*, The University of Texas Rio Grande Valley, Rio Grande Valley, December 2020
- *B.S. Clinical Laboratory Sciences*, The University of Texas Medical Branch, Galveston, TX, August 2012.
- *B.S. Biology*, Texas Tech University, Lubbock, TX, May 2003
- *Associates of Natural Sciences*, Tyler Junior College, Tyler, TX, May 2003
- Research Experience:
 - Strong A, Uptmor C, Taylor E, **Tebbetts K**, Bryant BJ. *An Investigation of Non-ABO Group Specific Platelet Transfusion Practices in United States Blood Banks*. American Association of Blood Banks Annual Meeting 2012, Poster Presentation

Attributes

- Tutor for 2 years at **Tyler Junior College** for Math, Sciences and English, 1999-2001.
- Laboratory teaching assistant for 2 years at **Tyler Junior College** in General Biology and Microbiology, 1999-2001.
- Substitute teacher for **Whitehouse ISD** in 2011, all grades.
- Volunteer at Breckenridge Village, 2009 – 2011
- 2012 UTMB-CLS Outstanding Student Research Award
- Worked at **The Children's Home of Lubbock** from 2002-2004. Supervisor was Gary Flewellen. Became very knowledgeable on how to diffuse escalated situations, prevent conflicts, and negotiating for common goals among children and staff.
- Worked at **Bealls** Department store in Lubbock from 2001-2002 as a sales associate, where I developed close relationships with a loyal customer base, and established a reputation as a trustworthy and successful sales associate. Earned Sales Associate of the Month on several occasions.
- Worked at **Health South** as a Certified Nurse Aid for 6 months, developing close relationships with patients. Had to quit as it was a 12 hour night shift position and my CLS school program started.
- NHA Certified Phlebotomist Certification number: 2211-0590
- Texas Nurse Aide Registration number: NA08625669
- ASCLS, 2010 – currently
- ASHI, 2012 – 2013
- ASCP Board Certified Certification number: 250370