TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Autumn Vela Title: Assistant Clinical Professor

B. Educational Background

Degree	*Year*	*University*	*Major*
DCLS	Anticipated graduation date August 2027	University of Texas Medical Branch	Doctorate of Clinical Laboratory Science
MSHA	2019	Texas Tech University	Healthcare Administration
BS	2017	The George Washington University	Medical Laboratory Science
AS	2014	The George Washington University	Science Technology

C. University Experience

Position	*University*	*Dates*
Clinical Assistant Professor & Clinical Coordinator	Texas State University	01/2023-Present
Per Course Lecturer	Texas State University	08/2020-12/2022

D. Relevant Professional Experience

Position	*Entity*	*Dates*
PRN Lead Medical Laboratory Scientist	Baylor Scott & White Medical Center Buda	January 2023-March 2024
Multisite Laboratory Manager	Baylor Scott & White Medical Center Austin, Buda, & Pflugerville, Texas	Jun 2021-January 2023
Laboratory Supervisor	Baylor Scott & White Medical Center Buda, Texas	Jun 2020-Jun 2021
Lead Medical Technologist	Baylor Scott & White Medical Center Buda, Texas	Jul 2019-Jun2020
Medical Laboratory Scientist	Central Texas Medical Center San Marcos, Texas	Feb 2018-Jul 2019

D. Relevant Professional Experience- Continued

Position	*Entity*	*Dates*
Medical Laboratory Scientist	St. David's Medical Center Austin, Texas	Aug 2016-Feb 2018
Medical Laboratory Technician & Hospital Corpsman	United States Navy Oceanside, California	Jan 2012-Aug 2016

E. Other Professional Credentials (licensure, certification, etc.)

- MLS (ASCP) – Medical Laboratory Scientist (American Society for Clinical Pathology)
- SH (ASCP) – Specialist in Hematology (American Society for Clinical Pathology)

II. TEACHING

B. Courses Taught:

Institution	*Course Title*	*Course Number*
Texas State University	Hematology & Coagulation I	MLS 3412
Texas State University	Hematology & Coagulation II	MLS 4318
Texas State University	Clinical Laboratory Hematology Labs	MLS 3412 & 4318
Texas State University	Clinical Immunology	MLS 3424
Texas State University	Clinical Immunology Lab	MLS 3424
Texas State University	Laboratory Management & Supervision	MLS 4225
Texas State University	Immunohematology	MLS 4460
Texas State University	Immunohematology Lab	MLS 4460
Texas State University	Clinical Practice II	MLS 4464
Texas State University	Bridge to Clinical Practice	MLS 4333
Texas State University	Clinical Practice I	MLS 4463

Clinical Preceptor for Texas State University Clinical Laboratory Science Students during clinical rotations in Spring and Summer semesters.

D. Courses Prepared and Curriculum Development:

- Restructured and updated Immunohematology labs in Spring 2024 including adding an additional two labs that focused on real life scenarios which included Emergency release drills and Transfusion reactions.
- Restructured and updated Hematology courses for the Clinical Laboratory Science Program at Texas State University in 2020 and 2021.

F. Other:

Clinical Preceptor for Texas State University Clinical Laboratory Science Students during clinical rotations.

Instructed medical and non-medical personnel in first aid, self-aid, personal hygiene, and medical records maintenance.

I. Other

Continuing Education:

- Began the Doctorate of Clinical Laboratory Science (DCLS) Program at University of Texas Medical Branch, Fall 2024

  Coursework:

  - Summer 2026:
    - CLLS 6302: Evidence-Based Practice
    - CLLS 6131: DCLS Seminar 2
    - CLLS 6342: Clinical Rotation II
    - CLLS 6343: Clinical Rotation III
  - Spring 2026:
    - CLLS 6306: Diagnostic Algorithms
    - CLLS 5320: Laboratory Management
    - CLLS 6320: Introduction to Epidemiology
  - Fall 2025:
    - CLLS 6315: Clinical Immunology and Transfusion Medicine
    - CLLS 5325: Advanced Microbiology/ Infectious Disease
  - Summer 2025:
    - CLLS 5312: Evidence Based Medicine
    - CLLS 6130: DCLS Seminar I

        - CLLS 6341: Clinical Rotation I
    - Spring 2025:
        - CLLS 5314: Advanced Clinical Chemistry/Toxicology
        - CLLS 6352: Pharmacology
        - MSHP: Introduction to Scientific Writing
    - Fall 2024:
        - CLLS 6301: Introduction to Health Assessment
        - CLSS 5350: Hematopathology
        - CLSS 6351: Pathophysiology

- Attended & Participated in an End-of-Life Simulation Interprofessional Activity with nurses, healthcare administration, medical laboratory science, EMT's, and respiratory therapy September 9,2025.
- Attended & Participated in an End-of-Life Simulation Interprofessional Activity with nurses, healthcare administration, medical laboratory science, EMT's, and respiratory therapy 2024.

Conference Sessions and Workshops:

Spring 2026:

- Attended the Texas Association for Clinical Laboratory Science Conference (TACLS) with 20 students, where they participated and won 3rd place in the student bowl competition.

Spring 2025:

- Attended the Texas Association for Clinical Laboratory Science Conference (TACLS) with 25 students, where they participated and won the student bowl competition.
- Attended the Clinical Laboratory Educator Conference (CLEC) on 3/6/2025 to develop more in-depth teaching skills:
    - Teach Clinical Laboratory Students How to Learn: Metacognition is the Key
    - Reigniting the Spark Strategies for Engaging Disengaged Learners in Medical Lab Sciences
    - Fostering Future Innovators Launching an Undergraduate Research Program
    - Microbiology Simulation for Bacterial Cultures
    - Utilization of a Team-Based Learning Approach to Expand Student Engagement in the Classroom
    - Crafting the Ideal Course Engaging Students with WISH, GIFT, and GiftED Feedback
    - Dating profiles, Twilight, and Pokemon cards Fun and unique ways to flip the microbiology classroom
    - Building a bridge between didactic knowledge and clinical application
    - Unraveling Faculty Burnout Strategies for Well-Being and Vitality.

Spring 2024:

- Attended Texas Association for Clinical Laboratory Science Conference with 15 students, where they participated and won the student bowl competition.
- We're Still Standing: (Re)building Community in Today's World (CLEC)
- The 4Cs of Clinical Readiness: Critical Thinking, Communication, Cultural Humility, and Core Competencies. (CLEC)
- From Trainer to Teacher: Supporting Successful Transition. (CLEC)
- Developing Education Resources to Increase Clinical Preceptor Effectiveness. (CLEC)
- Unlocking the Power of Neurodiversity in the Higher Education Classroom: Debunking Myth and Boosting Learning for All. (CLEC)
- Teaching Strategies and Methods of Delivery for CLS Courses across all Academic levels. (CLEC)
- Reinventing the blood bank student laboratory. (CLEC)

Spring 2023:

- Being an Educator: Why the Teacher is More Important than the Lesson, New Orleans, Clinical Laboratory Educators Conference. (CLEC)
- Focus on Learning Tools , New Orleans, Clinical Laboratory Educators Conference. (CLEC)
- DEIJB in MLS: How to Incorporate Diversity Equity Inclusion Justice and Belonging into the Medical Laboratory Sciences, New Orleans, Clinical Laboratory Educators Conference. (CLEC)
- Effective Teaching Practices for Hematology and Hemostasis, New Orleans, Clinical Laboratory Educators Conference. (CLEC)
- Infusing Medical Ethics into the Curriculum, New Orleans, Clinical Laboratory Educators Conference. (CLEC)
- Teaching Students Who Haven't Learned How to Learn: A Modern-Day Approach to Teaching the Post-Pandemic MLS Student, New Orleans, Clinical Laboratory Educators Conference. (CLEC)
- The Comprehensive Lab Final: A Multidisciplinary Review of Laboratory Skills and Concepts Comprehensive Lab Final: A Multidisciplinary Review of Laboratory Skills and Concepts, New Orleans, Clinical Laboratory Educators Conference. (CLEC)
- The Funnel and the Bucket: Challenging Paradigms and Heuristics to Actually Fix a Laboratory Workforce Shortage, New Orleans, Clinical Laboratory Educators Conference. (CLEC)
- The Jerks and Joys of Work life: Managing Workplace Incivility, New Orleans, Clinical Laboratory Educators Conference. (CLEC)
- Troubleshooting a Troubling Result: Transforming Case Studies into Immersive Learner Experiences, New Orleans, Clinical Laboratory Educators Conference. (CLEC)

Fall 2022:

- Inspection Team Member Training, College of American Pathologists, performed two CAP inspections.
- Transfusion Safety: Ordering and Admin Learning Module (MTS)
- Transfusion Safety: Specimen Collection Learning Module (MTS)
- Transfusion Safety: Testing and Issuance Learning Module (MTS)
- Urinalysis Learning Module (MTS)
- Urine Sediment Learning Module (MTS)
- Introduction to Transfusion Services Learning Module (MTS)
- Lab Competency Assessment: Coagulation, CSF/Serous, Gram Stain, safety, specimen collection, testing and issuance Learning Module (MTS)
- Peripheral Blood- Hematology Learning Module (MTS)
- Specimen Processing Learning Module (MTS)
- Blood Culture Learning Module (MTS)
- Cardiac Markers Learning Module (MTS)
- Cerebrospinal Fluid Learning Module (MTS)
- Electrical Safety Learning Module (MTS)
- Lab Safety Learning Module (MTS)
- Gram Stain Learning Module (MTS)
- Microbiology Learning Module (MTS)
- HIPAA 101 Learning Module (MTS)

III. SCHOLARLY/ CREATIVE

1. Articles:

A. Works in Print (including works accepted, forthcoming, in press):

- Olanrewaju, A.A., John E. Sang., Nathalie, L., **Autumn M. Vela**. Extremely elevated coagulation parameters in a patient with end-stage renal disease on Coumadin: a case report. **Published May 22,2025**
- Leukemias: A Case Study Review Module. Built an 80-page course module with an exam for Media Lab for Continuing education for all laboratory professionals. **Published on the site March 18,2025.**
- Austin N, **Vela A**. Project management in the clinical laboratory: a hybrid approach. Medical Laboratory Observer. **Published April 21,2025**
- ASCP What's my Next Career: Hematology Specialist Fact Sheet.

2. Invited Talks, Lectures, Presentations

- Invited talk to for First Generation Veterans Event at Texas State University (11/2024)

6. Book Reviews:

- *Rodak's Hematology: Clinical Principles and Applications* Keohane, Preston, Mirza, and Walenga, 8th Edition, **Reviews Completed 3/1/2026**

IV. SERVICE

A. Institutional

2. College:

- **Member**, Interprofessional Education Committee, September 2024-Present
- **Member**, WellCHPs Committee, September 2024-Present
- **Member**, Curriculum Committee: September 2024-Present
- **Member**, Budget Committee, January 2024-Present
- **Member**, Faculty Excellence Awards Committee, January 2024-Spring 2025
- **Faculty Advisor**, Society of Medical Laboratory Scientist August 2023-Present
- **Member**, Laboratory Safety Committee Member, January 2023-August 2024
- **Member**, Faculty Search Committee, December 2023-January 2024
- **Member**, Faculty Search Committee, January-June 2023
- **Member**, Associate Dean Search Committee Member, December 2023

3. Community:

- **Participated** and led an MLS group at Bobcat Build: April 2026
- **Participant**, Bobcat Days Representing the Medical Laboratory Science Program to prospective Texas State University students, February 2026
- **Participated** and led an MLS group at Bobcat Build: April 2025
- **Participant**, Texas State University Health Professions Fair, February 2025
- **Participant**, Bobcat Days Representing the Medical Laboratory Science Program to prospective Texas State University students, October 2024
- **Participated** and led an MLS group at Bobcat Build: April 2024
- **Participant**, Bobcat Days Representing the Medical Laboratory Science Program to prospective Texas State University students, October 2023
- **Participated** and led an MLS group at Bobcat Build: April 2023
- **Participant**, Bobcat Days Representing the Medical Laboratory Science Program to prospective Texas State University students, February 2023

B. Professional:

Member American Society for Clinical Laboratory Science

Member of Texas Association of Clinical Laboratory Scientists

Member of American Society of Clinical Pathology

Updated: 8/12/2026