

Shelley Robin Latchem
Medical and Clinical Laboratory Sciences

Educational Background & Experience

1. Education

2005 – Austin Peay State University – Clarksville, Tennessee
Medical Technology Certification – May 2005

2004 – Austin Peay State University – Clarksville, Tennessee
Masters of Science, Biology – May 2004

1998 – Austin Peay State University – Clarksville, Tennessee
Bachelors of Science, Biology, Cum Laude – December 1998

2. Experience

A. Academic

1. Assistant Professor – Auburn University at Montgomery-Montgomery, Alabama

Medical Laboratory Science Program

Courses taught, January 2022 to present

*Both online and on campus curriculum

CLLS 3243 Clinical Hematology I*

CLLS 3253 Clinical Hematology II*

CLLS 4263 Clinical Hematology III*

CLLS 4274 Clinical Hematology IV (Clinical Experience)

CLLS 3103 Immunology & Serology*

CLLS 3030 Clinical Serology (Clinical Experience)

CLLS 4054 Phlebotomy (Clinical Experience)

CLLS 4040 Comprehensive Review*

2. Assistant Professor – Austin Peay State University-Clarksville, Tennessee

Medical Laboratory Science Program January 2015 – May 2021

*Both online and on campus curriculum

Hematology Lecture*

Hematology Lab

Fundamentals of Hematology Lecture

Fundamentals of Hematology Lab

Immunology and Serology Lab

Board of Certification Review online only

3. Medical Laboratory Technician Instructor – Fortis Institute, Cookeville, Tennessee

Medical Laboratory Technician Program January 2006 – January 2015

Hematology Lecture

Hematology Lab

Microbiology Lecture

Microbiology Lab

Urinalysis

B. Other professional

1. Cookeville Regional Medical Center – Cookeville, Tennessee
Medical Technologist January 2005 – January 2008, PRN

3. Licensure & Professional Certification

Medical Technology Certification—American Society for Clinical Pathology (ASCP)
Certification No. 220985 2005 to present

Medical Technologist Tennessee License—TN Department of Health, Medical Laboratory Board
License No. 21560 2005 to present

Scholarly and Creative Productivity

1. Publications

A. Books

N/A

a. Scholarly books

N/A

b. Text books

N/A

B. Refereed/Invited Publications

a. Book chapters

N/A

b. Journal articles

- Catalano, T., Thompson, J., Phillips, H., Jator, E., Adogbeji, O., Obunadike, C., **Latchem, R.**, Osadare, B., & Gooden, T. (2023). Exploring the Need for Clinical Preceptor Training in Radiation Therapy. *Radiation Therapist*, 32(1), 20–31.
- Phillips, H. L., Jator, E. K., **Latchem, S. R.**, & Catalano, T. A. (2023). Clinical educators' teaching approaches and attributes in Laboratory Medicine. *Laboratory Medicine*. <https://doi.org/10.1093/labmed/lmad001>
- Jator, E. K., Phillips, H. L., **Latchem, S. R.**, & Catalano, T. A. (2022). Establishing the need for standardized clinical educator training programs for Medical Laboratory Professionals. *Laboratory Medicine*, 54(2). <https://doi.org/10.1093/labmed/lmac108>
- Phillips, H. L., **Latchem, S. R.**, Crutcher, T., Catalano, T. A., & Jator, E. K. (2022). The impact of covid-19 on the laboratory professionals' clinical education: A qualitative study. *Laboratory Medicine*, 54(2). <https://doi.org/10.1093/labmed/lmac110>
- Semler, J. R., **Latchem, S. R.**, & Vowell, J. A. (2017). Pseudohyperkalemia in a non-compliant CLL patient: A case study. *American Society for Clinical Laboratory Science*, 30(2), 84–86. <https://doi.org/10.29074/ascls.30.2.84>

c. Refereed monographs

N/A

d. Refereed proceedings

- Walter Serrano-Moreno, Monica Rios-Silva, Jose Moncada-Jimenez, J. Kyle Taylor, David K. Johnson, Miguel Huerta, **Shelley Robin Latchem**, Kathryn Dugan, Eder Rios-Bracamontes, and Xochitl Trujillo. *Association Between Vitamin D and Amyloid-related Biomarker Levels in Mexican Older Adults*. American College of Sports Medicine International Meeting. Denver, CO. **Abstracted:** Medicine and Science in Sports and Exercise. Vol (55); 915-916, **2023**.
- Tomas Chapman-Lopez, J. Kyle Taylor, Ricardo Torres, Li Qian, Kathy Dugan, **S. Robin Latchem**, LesLee Funderburk, and Jeffrey S. Forsse. *Effects of Acute Bouts of Aerobic Exercise on Adipokines in Individuals with Mid-Spectrum Chronic Kidney Disease*. Texas American College of Sports Medicine Conference Proceedings. **Abstracted:** International Journal of Exercise Science. Vol. 2 (15):162. **2023**.

C. Other Publications

- a. Non-refereed academic journal articles (no outside reviewer)
N/A
- b. Others
N/A

2. Items Accepted for Publication but NOT Yet Published

3. Artistic or other Creative Contributions

N/A

4. Participation in Professional Meetings

- Presented “A Look at Some Challenges Faced by Clinical Educators” with co-presenters, Dr. Eleanor Jator and Dr. Heather Phillips, at the Tennessee Association of Blood Banks (TABB). April 2024, Clarksville, TN.
- Presented “2019 Changes in Hematology Content on the ASCP BOC Exam” at the Tennessee Annual Laboratory Conference (TALC). April 2019, Nashville, TN.
- Presented “Pseudohyperkalemia in a Non-compliant CLL Patient: A Case Study” at the Tennessee Annual Laboratory Conference (TALC). March 2018, Clarksville, TN.
- Presented “Blood Pictures of Various Anemias” at the Tennessee Annual Laboratory Conference (TALC). April 2016, Franklin, TN.
- Presented “Zika Virus: An Update” at the Tennessee Association of Blood Banks (TABB). September 2016, Nashville, TN.

5. Other Scholarly or Creative Activities

- A. Service in role of discussant, critic, and reviewer for professional meeting or publications
- Textbook reviewer for Wolters Kluwer Publishing: *Clinical Hematology Theory and Procedures* by Mary Louise Turgeon, 2018, 6th ed. Chapters 1-32, May 2022.
- B. Service in the role of officer of professional organization, program committee member, session organizer for professional meeting
- Board Member of the Tennessee Chapter of The American Society for Clinical Laboratory Science (ASCLS-TN), March 2018 – March 2020
- C. General editorship of journal, monograph series, book series
N/A
- D. Professional society membership
- Alabama chapter of the American Society for Clinical Laboratory Science (ASCLS-AL) 2023 to present
 - American Society for Clinical Pathology (ASCP) 2005 to present
 - Tennessee chapter of the American Society for Clinical Laboratory Science (ASCLS-TN) 2015 to 2022
6. Awards, lectureships or prizes
- **2023** Radiation Therapist Distinguished Author Award in Honor of Harold Silverman for the article, “Exploring the Need for Clinical Preceptor Training in Radiation Therapy”
7. Grants and Contracts
- A. Grants and contracts received
- a. Principal investigator, co-principle investigator, or equivalent
N/A
 - b. Not principal investigator, etc.
N/A
8. Thesis/Dissertation Service
N/A
9. Major areas of Creative or Research Interest
N/A
10. Other Professional Accomplishments
- A. Manuscripts under submission
- **Latchem, S. R.,** Jikong, B. K., Phillips, H. L., & Jator, E. K. (2024). A Look at Preceptor Challenges within Organizations: The Case for Medical Laboratory Scientists. *J. Allied Health*. In peer review.

B. Course/Program design and development

N/A

C. Special recognition for teaching

N/A

D. Academic service

a. On-campus

- Professional Improvement Leave (PIL) committee member, November 2022 to present
- Member of the AUM MLS Advisory Board, spring 2022 to present
- Visited MLS students at clinical sites including Grandview Medical Center, Birmingham, AL, University of Alabama at Birmingham Hospital, Birmingham, AL, Huntsville Hospital, Huntsville, AL.

b. Off-campus

N/A

E. Other service

N/A

F. Completion of continuing education

- “Destined for Leadership: A Roadmap from Medical Laboratory Scientist to Nurturing the Next Generation” 1 CE, April 2024
- “Forensic Science: The Use of a Medical Laboratory Scientist” 1 CE, April 2024
- “Laboratory Leadership: A Look Beyond the Bench” 1 CE, April 2024
- “Beyond the Bench: The MLS Profession and Team Dynamics Research” 1 CE, April 2024
- “We’re Still Standing: (Re)Building Community in Today’s World” 1 CE, February 2024
- “Adapting to Current Student Recruitment Trends” 1 CE, February 2024
- “From Trainer to Teacher: Supporting a Successful Transition” 1 CE, February 2024
- “Focus on Learning Tools” 1 CE, February 2024
- “Converting from a Rotation-Based to a Student Lab-Based Hospital MLS Program: Positives, Pitfalls and Progress” 1 CE, February 2024
- “Developing Educational Resources to Increase Clinical Preceptor Effectiveness” 1 CE, February 2024
- “Building a Long-Term Pipeline of Medical Laboratory Talent” 1 CE, February 2024
- “Integrating Generative Artificial Intelligence into the Classroom” 1 CE, February 2024
- “How We Opened up the Micro Clinical Bottleneck” 1 CE, February 2024
- “The Student Toolbox: Classroom Strategies to Enhance Students’ Study Skills, Exam Preparation and Self-Reflection” 1 CE, February 2024

- “Incorporating Interprofessional Education and Collaboration into the Laboratory Curriculum” 1 CE, February 2024
- “Time for a Tune Up?” 1 CE, February 2024
- “Defining Success in the Medical Laboratory Science Career Ladder” 1 CE, February 2024
- “Shifts in Students’ Needs: Time to Recalibrate the Curriculum” 1 CE, February 2024
- “Innovative Teaching Strategies that Inspire Creativity and Critical Thinking” 1 CE, February 2024
- “The Ups and Downs of Program Directorship” 1 CE, February 2024
- “Reinventing the Blood Bank Student Laboratory” 1 CE, February 2024
- “Dynamic Lecturing: Strategies to Enhance Your Lecture Effectiveness” 1 CE, February, 2024

11. Other items of importance not to be found above

A. Manuscripts under preparation

B. Professional service awards

- 2020 recipient of the Keys to the Future Award from the Tennessee chapter of The American Society for Clinical Laboratory Science (ASCLS-TN) in recognition of demonstrated leadership potential.
- 2019 recipient of the Omicron Sigma Award from the Tennessee chapter of The American Society for Clinical Laboratory Science (ASCLS-TN) in recognition of sustained effort, dedication, and service.