CURRICULUM VITAE

Daniel E. Haun

Date:12/22/2023
School: Allied Health Professions
Department/Program: Medical Laboratory Sciences

Current Title: Clinical Instructor
Business Address: 1900 Gravier Street, 10th Floor, New Orleans, LA 70112
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Initial Appointment at LSUHSC Date: January 2007.
Current Academic Rank: Clinical Instructor
Date of Appointment to Current Rank: January 2007

Education:

Dec. 1974	University of New Orleans- BS
Jan . 1975	Charity Hospital of La. at New Orleans School of Medical Technology- MT

Certification:

1975 Medical Technologist, American Society for Clinical Pathology #98999
1977 Certificate In Hematology, American Society for Clinical Pathology #476

Licensure:

CLS- Generalist Louisiana State Board of Medical Examiners, CLP.G02464-GEN

Academic, Professional, and Research Appointments:

1975-1976	Staff Technologist, Hematology Section Department of Pathology, Charity Hospital at New Orleans
1976-1977	Assistant Supervisor, Special Hematology Department of Pathology, Charity Hospital at New Orleans
1977-1987	Supervisor, Special Hematology Lab. Department of Pathology, Charity Hospital at New Orleans
1987-1997	MLT Section Director, Hematology and Phlebotomy Department of Pathology Charity Hospital, Medical Center of Louisiana
1997-2006	MLT Section Director, Client Services Department of Pathology, Medical Center of Louisiana
2006-2017	Adjunct Instructor, Medical Laboratory Technician Program Delgado Community College, New Orleans
2006-	Clinical Instructor, Department of Medical Laboratory Sciences LSU Health Sciences Center, New Orleans

TEACHING EXPERIENCE AND RESPONSIBILITIES

2008- present	Professional Skills: MTEC3112 (Safety and Phlebotomy) Clinical Hematology II: MTEC5101(Flow Cytometry), Laboratory Management MTEC4118 (Competency and Quality).
2006-2017	Introduction to Phlebotomy (MLTS104) The Structure and Function of Body Systems (MLTS105) Delgado Community College, New Orleans
1986-2006	Lecturer: Hemostasis Theory, Hemostatic Disorders; LSUHSC , School of Allied Health Professions, Dept. of Clinical Laboratory Science.

Creation of Enduring Teaching Materials

2006-2012 Web-based video series for teaching and demonstrating proper laboratory techniques in phlebotomy, hematology, immunology and urinalysis.

2007 Confessions of a Laboratory Safety Officer, ASCP web-based CE tool.

Departmental/Interdisciplinary Teaching Conferences

Presenting the Chunker (a web knowledge delivery tool)	Academy for the Advancement of Educational Scholarship – Spring Symposium, LSUHSC, March 13, 2013

RESEARCH AND SCHOLARSHIP

Journal Publications:

- Wilbright WA, **Haun DE**, Romano T, Krutzfeldt T, Fontenot CE, Nolan TE. Computer use in an urban university hospital: technology ahead of literacy. Comput Inform Nurs. 2006 Jan-Feb;24(1):37-43. doi: 10.1097/00024665-200601000-00010. PMID: 16436911.

- **Haun DE**, Foley AB, Jarreau PC Development and Feasibility of an Electronic White Blood Cell Identification Trainer. Clinical Laboratory Science, 26(1):23, January 2013.

Book Chapters:

Clinical Laboratory Science Review: a bottom-line approach.
Chapter 4: Coagulation
Chapter 11: Lab Operations/ Instrumentation/ Flow Cytometry

Scientific Presentations/Published Abstracts/Oral Sessions and Posters:

Title	Event
Assessment of the Prolonged APTT: Artifact vs. Disease	Mississippi / Louisiana Societies for Medical Technology, Biloxi, MS. April 25, 1985
The Future of Flow Cytometry	CLMA - North Texas Chapter Annual Meeting, Dallas, TX. November 11, 1988
Factor Assays: Methodology and Application	ASMT National Meeting, San Antonio, TX., June 21, 1987 Coulter Applications Seminar, Ochsner Foundation Hospital, Jefferson, LA. October 22, 1992. Univ. of Texas, M.D. Anderson Cancer Center, Houston, TX. February 25, 1993. LSSMT Scientific Assembly, New Orleans, LA. March 4, 1993. South Louisiana University, Continuing Education, Hammond, LA. March 9,1993.
Predicting and Preventing Error with Competency Assessment .	Centers for Disease Control and Prevention- noon conference, Atlanta, GA. January 18, 2001
Using Competency Assessment to Improve your lab and meet accreditation requirements	Delgado Community College, New Orleans, LA. January 12, 2001
Don't Start Getting Creative on Me!	ASCP/ CLMA Conference and Exhibition, Atlanta, GA March 27, 2004. Arkansas Chapter CLMA Fall Conference, Little Rock, AK. October 7, 2004. LSCLS / MSCSL annual meeting, New Orleans, LA. April 26, 2005
Thinking Begins with Doubt	CLMA/ ASCP Conference and Exhibition, Salt Lake City, UT June 24, 2003
Websites: Once upon a time... we used a typewriter	CLMA/ ASCP Conference and Exhibition, Salt Lake City, UT June 24, 2003
The Joy of Laboratory Science	LA / MS CLS Joint Annual Meeting, New Orleans, LA . April 17, 2003
Doing things creatively	Clinical Laboratory Educator's Conference, New Orleans, LA. March 7, 2003.

Improving Microscopy Skills in Hematology	Magnolia Education Treasures, Biloxi, MS. September 20, 2002.
Detecting and Predicting Poor Performance	CLMA/ ASCP Conference and Exhibition, New Orleans, LA. June 27, 2002.
Updated competency assessment tools to improve your laboratory	ASCP workshops, Anaheim, CA. February 13, 2001. ASCP workshops, San Antonio, TX. November 28, 2001. ASCP workshops, San Francisco, CA. February 27, 2002. ASCP workshops, Chicago, IL. April 23 2003.
Crisis Response and the Clinical Laboratory (panel)	ASCLS annual meeting, Chicago IL, July 31, 2018
A New Approach to Virtual Microscopy for Training and Skills Assessment	ASCLS annual meeting, Chicago IL, August 1, 2018
Clinical Chemistry Simulator, Early Experience	Clinical Laboratory Educator's Conference, New Orleans LA. March 4, 2023. .

Poster Session/ Electronic Media Demonstration

Title	**Event**
Narrated Video Microscopic Case Studies in Hematology-Technical Demonstration	Clinical Laboratory Educator's Conference, Savannah, GA. February 21, 22, 2008
Electronic Tools and Media for Teaching Microscopic Skills	Clinical Laboratory Educator's Conference, Houston TX. February 22-24, 2018
Interactive Microbiology Simulator	Clinical Laboratory Educator's Conference, Orlando FL. February 27-29, 2020

Invited Presentations:

Commencement Address: LSU Health Sciences Center, UNO Kiefer Arena, New Orleans, LA. August 12, 2000

Keynote address: The most important thing that you don't think you need to know. ASCP Leadership Exchange, Chicago, IL. March 3, 2007

Videos, Electronic Media, and Multimedia:

Multimedia web-base trainer/simulators (software and media production)

2012 WBC differential trainer (licensed for commercial use in 2014)
2013 Advanced WBC differential trainer (licensed for commercial use in 2015)
2015 RBC morphology trainer (licensed for commercial use in 2016)
2017 Urinalysis case simulator (licensed for commercial use in 2017)
2019 Body Fluid Analysis simulator (licensed for commercial use in 2019)
2020 Microbiology simulator (licensed for commercial use in 2021)
2021 Direct Gram Stain simulator (licensed for commercial use in 2022)
2022 Clinical Chemistry simulator
2022 Quality Control simulator
2023 Thought challenger – Laboratory Mathematics
2024 Bacteriology Challenger*
2024 Blood Bank Challenger*
*under development

Inventions and Patents:

All of the above simulators and challengers are documented and disclosed to the LSUHSC-NO Office of Innovation and Partnerships. Disclosures include some but not all details of a novel robotic scanning microscope, used to develop a web-embeddable virtual microscopy experience, using image stack and mosaic image interplay. Other photography innovations include two custom macro photography platforms and several playback software techniques that electronically simulate the challenges of clinical practice.

SERVICE AND ADMINISTRATION

Hospital committees/ Charity Hospital/ Medical Center of Louisiana

1989-2006	Chairman, Pathology Department Safety Committee
1990-2006	Chemical Hygiene Officer, Department of Pathology
1991-1994	Chairman, Loss Prevention/ Risk Management Subcommittee (of the Medical Center of Louisiana— Safety Committee).
1994- 2006	Clinical Coordinator for the Delgado Community College Medical Laboratory Technician program.
1994- Present	Advisory Committee Member: Delgado Community College Medical Laboratory Technician program.
1996- 2006	Team Leader, Takin' Care of Mama performance improvement team. MCLNO, Pathology.
2003- 2006	Advisory Committee Member: LSUHSC, School of Allied Health Professions, Dept. of Clinical Laboratory Science.

Membership in Professional Organizations:

2006-Present American Society for Clinical Laboratory Science
1998-2009 American Society for Clinical Pathology

Continuing Education Courses Attended:

12 hours approved CEU annually as required by the Louisiana Board of Medical Examiners. A transcript is available on request.