

CURRICULUM VITAE

Erick Lemon, MS
Instructor and Director of Digital Strategies and Innovation
Academic Affairs Faculty at The Medical University of South Carolina
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Formal Education

MS, Information Technology Kennesaw State University, Kennesaw, GA	2015
BS, Technology Support and Training Management University of South Carolina, Columbia, SC	2009
AS, Computer Technology Networking Information Systems Trident Technical College, North Charleston, SC	2004

Academic Positions

Director of Digital Strategies and Innovation Medical University of South Carolina Libraries, Charleston, SC	2018 – Present
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Provide Leadership for the development and implementation of digital strategies and innovation for the Libraries.

Responsible for the overall administration of systems in support of library operations, maintaining the stability and integrity of a broad range of systems, set the direction of the library's technology environment, and develop strategic goals and objectives that align with the library's vision of anticipating and exceeding the needs of MUSC and beyond through innovative services, spaces, and information.

Reshaped the Libraries' IT infrastructure and services to advance the teaching, learning, research, and clinical missions of the Medical University of South Carolina.

Monitor landscape of trends in information technology and libraries, manage projects and implementation of technologies and services, and provide strategic direction for developing the library's digital and technology initiatives.

Oversee all aspects of information technology for the Libraries.

Direct the management of 6 classrooms (1 multipurpose room and 5 computer classrooms) and public computing infrastructure consisting of over 190 dual-platform computers and other technologies.

Administer development, deployment and support of base images and application packages in a dual-platform environment.

Enhance library systems and applications and implement and facilitate the integration of library systems and interoperability between library systems, other campus systems, and cloud services.

Provide technical leadership for the implementation, support and maintenance of library systems and applications, including but not limited to OCLC WMS, ILLiad, Exlibris, Library web Sites, Springshare platform, CONTENTdm, and other systems as implemented.

Serve as technical liaison to various vendor, service providers, and resource sharing networks.

Handle the development and continuous improvement of the Library's website.

Serve as the Library's IT representative to MUSC's Information Solutions group and other university units and colleges.

Deliver technology-related workshops and training for Library staff.

Collect and analyze data derived from library systems for University and national reports.

Actively participate in the academic life of the university, represent the library on university committees and build collaborative and inclusive relationships throughout the university and clinical enterprise

Complete professional activities through presentations or publications regarding.

Interim Technology and Innovation Coordinator
Network of the National Library Medicine

2021

Augusta University, Augusta, GA

2010 – 2016

Associate Director of Information Technology

2014 – 2016

Provided strategic direction, and operational management of academic technologies, IT field support services, and service desk.

Directed the implementation of Enterprise Technologies.

Developed and implemented a strong information technology strategic direction in support of the enterprise objectives and mission

Coordinated efforts of vendor implementations and facilitated support across a wide variety of academic and information technologies.

Researched and evaluated developing technology trends that may affect information technology service strategies.

Led Information Technology Advisory Committees for University.

Taught training plans for major IT Software Implementations.

Implemented campus wide Course Evaluation software.

Assisted in the coordination IT Resources during enterprise merger.

Proposed and implemented technology solutions for National Library of Medicine Bioinformatics conference.

Coordinated the implementation of new Audio-Visual Technologies for Colleges.

Designed and managed content of Learning Management Systems customized documentation and training for Instructional Technologies.

Trained end users in the usage of instructional technology.

Administered implementation of university testing system.

Developed courses and case studies for faculty and staff.

Responsible for supervising over 30 employees supporting University colleges at GRU Health Sciences campus and setting strategic priority for multiple IT campus unit.

Instructional Systems Supervisor

2013 – 2014

Served as the lead Instructional Systems Analyst (ISA) responsible for supervising all field ISAs supporting each college at Augusta University.

Responsible for supervising 8 employees supporting University 8 colleges at Augusta University.

Coordinated and facilitated instructional support across 8 colleges.

Directed administration and hands-on end user support of university academic technology systems.

Researched, evaluated, and recommended new developments related to digital media, web, and mobile applications as they pertained to teaching and learning in an academic environment.

Coordinated and served on appropriate steering committees, administer and coordinate surveys and assessments, administer and coordinate student evaluations.

Designed, developed, and maintained customized documentation and training for Instructional Technologies.

Led Instructional Technology Advisory Committee for University Merger Sub Committees on IT consolidation.

Collaborate with users to manage content of LMS Systems.

Configured instructional technologies for end users.

Trained end users in the usage of instructional technology.

Developed courses and case studies for faculty and staff.

Coordinated efforts of Vendor Implementations.

Implemented new instructional software in the University.

Instructional Systems Analyst

2010 – 2013

Coordinated and facilitated support across a wide variety of academic and information technologies.

Provided administration and hands-on end user support of university academic technology systems.

Researched, evaluated, and recommended new developments related to digital media, web, and mobile applications as they pertained to teaching and learning in an academic environment.

Coordinated and served on appropriate steering committees, administered, and coordinated surveys and assessments, administered, and coordinated student evaluations.

Designed, developed, and maintained customized documentation and training for Instructional Technologies.

Led Instructional Technology Advisory Committee for University Merger Sub Committees on IT consolidation.

Administered Technology Implementation of University testing system.

Partnered with users to manage content of LMS Systems.

Configured instructional technologies for end users.

Adjunct Professor

2010

ITT Technical Institute, Dearborn, MI

Instructed students in principles of IT.

Developed test and lesson plans.

Monitored student progress and completed outreach to struggling students.

Utilized technical Skills including Networking, Windows Sever 2003, VMware and Linux to instruct students.

User Support Technician

2009 – 2010

Provost Academy, Chapin, SC

Assisted in the implementation of Provost Academy's technology vision.

Participated in technology committee to provide implementation of strategic technology plan.

Assisted in the migration and/or upgrades of new systems as needed including Windows Server 2003.

Followed the school's Service Level Agreement (SLA) to ensure that users receive quality service.

Performed initial set-up testing and diagnosis of problems found on network.

Other Professional Experience

Regional Zone Technical Manager, Strategic Technology Consultation

2016 – 2018

Hospital Corporation of America South Atlantic, Augusta, GA

Developed, coordinated, guided, and executed a Facility IT&S plan that aligns Technical Services with Facility business strategy and with Enterprise and Division business & IT strategy.

Built positive relationships with Facility leadership team, Facility department directors and managers, and other Division leaders as dictated by the business organizational structure.

Represented the Technical Services department on appropriate business committees.

Coordinated on-site management of facility hardware and software.

Promoted and coordinated the management of compliance issues and projects.

Established, communicated, monitored, managed, and ensured compliance with Service Level Agreements (SLAs) (e.g., service levels for Remedy incident resolution).

Managed, monitored & executed the Facility's portfolio of projects for technical services resources.

Improved workflow through implications of technology solutions to facility workflow, operations, and communicates to key stakeholders.

Identified process improvement opportunities and challenges and communicated them to appropriate Division IT leaders for planning and action.

Responsible for supervising IT employees supporting 3 hospitals (Trident Medical, Summerville Hospital Coletton Medical) and 2 Freestanding EDs throughout the state of South Carolina.

Lead Internet Computer and Resource Education Technician

2004 – 2008

University of South Carolina Technology Services, Columbia, SC

Maintained and repaired network client software and connections network.

Troubleshoot educational software.

Trained users on university software and educational tools.

Performed installation updates to computer systems on network.

Served as Lead Tech to other technicians in absence of ICARE Manager.

Web Designer

2005 – 2007

University of South Carolina Business Link, Columbia, SC

Maintained and created websites for local businesses in the Columbia, SC area.

Consulted with clients on current webpage offerings.

Developed strategy for web implementation.

Computer Lab Assistant (Operations and Systems)

2002 – 2004

Trident Technical College, Columbia, SC

Performed basic system checks.

Monitored Lab systems.

Performed maintenance on network and computers.

ACADEMIC INSTRUCTION

Medical University of South Carolina

IP 743 Application of 3D Printing in Health Care, Medical University of South Carolina

Course Director and Instructor, 2021 to present

IP 775 Innovative Solutions to a Health-Care Related Problem Medical University of South Carolina –

Course Director and Instructor, 2021 to present

College of Graduate Studies Teaching Techniques – Application of AR/VR in healthcare instruction – Guest Lecturer

ITT Tech

2010

Introduction to Networking

This course provides an introduction to the OSI 7 and TCP/IP models used in data communication and computer networks with emphasis on network infrastructure design, configuration, and implementation

Introduction to Unix/ Linux Operating Systems

Students develop a good working knowledge of Linux using both the graphical interface and command line across the major Linux distribution families

Windows Server Administration

Students develop a working knowledge of Windows 2003 infrastructure and Server Operating System.

Publications

Lubker, I., Whitney, R., Lemon, E., Brown-White, Tamika & Logan Ayaba. Responding to COVID-19 pandemic: Experiences and lessons of library staff at one North American University. Lightning talk presented at the Joint International Congress of Medical Librarianship (ICML) and Association of Health Information and Libraries in Africa (AHILA) Biennial Congress in Pretoria, South Africa, March 2022

Tureen A., Lemon E., Martin J., Hoffman S., Thuna M., and Miller W. (May 2019). "Virtual cohorts Peer support and problem-solving at a distance." *College and Research Libraries* 232-235.

Lemon E., Tureen A., Martin J., Hoffman S., Thuna M., and Miller W. (May 2019). "Using ?Virtual Cohorts for Wellness, Problem-Solving, and Leadership Development" *IGI Global*, Chapter 14

Scholarly and Professional Presentations

Lemon, E, Coleman D, Nelson T (2024, November 16-18). Artificial intelligence in schools and healthcare panel. In *Culturally Sensitive Care National Conference*, Charlotte, NC.

Annan-Coultas, D., Lemon, E., & Smith, T. (2024). Leveraging AI to improve student learning. Paper presented at *MUSC Innovation Week Conference*, Charleston, SC.

Lemon, E. (2024, April). 3D printing in oral and maxillofacial surgery. Presentation presented at *MUSC Innovation Week Conference*, Charleston, SC.

Caruso, B., Keshmiripour, S., & Lemon, E. (2024, March 5-7). Unveiling the reference revolution: AI and chatbot innovation. In *ETS (Emerging Technologies Section), The Annual Reference and User Services Association (RUSA) Virtual Forum*.

Lemon, E., Baker, H., & Kascak, K. (2023, July 13-14). Artificial intelligence in schools and healthcare panel. In *Culturally Sensitive Care National Conference*, Atlanta, GA.

Lemon, E. (2023, May). Moderator, RUSA Technology Showcase. In *American Library Association Conference*, Washington, DC.

Adams, C. S., DuBose-Morris, R. A., & Lemon, E. (2023). *Catalyst for Equity: Improving Telehealth Education Through Virtual Reality Simulations*. *SC Health Information and Systems Society Annual Conference*. Charleston, SC.

Lemon, E. (2023). Recently promoted/tenured faculty panel. presented at *MUSC ARROW (Advancement, Recruitment, and Retention of Women) Career Development Program*. Charleston, SC

Abraham-Hilarie, R. DuBose-Morris, K. Kascak, B. Reynolds, E. Lemon (November 2022) Faculty Allyship: Highlighting Opportunities for Institutional Awareness Through Service *MUSC Diversity and Inclusion summit*.

Whitney, R., Lubker, I. & Lemon, E. Reconnecting with library users: Providing remote library services during a library renovation. Poster presented at the Medical Library Association Annual Meeting in New Orleans, Louisiana, May 2022

Lemon E., Marik T., (August 2021). "Cutting Edge Technology Facilitates Clinical Learning and Inter-Professional Relationships." Presentation at South Carolina Conference on Innovations in Teaching and Learning, Online

Lemon E., (August 2021). "Innovative Technologies in Healthcare." Presentation at Trident Technical College Booming in Stem Retreat Charleston, South Carolina

Lemon E., (April 2021). "Application of 3D printing." Presentation at Medical University of South Carolina Innovation Week Charleston, South Carolina

Lemon E., (April 2021). "Application." Presentation at Medical University of South Carolina Innovation Week Charleston, SC

Lemon E., (May 2020). "3D Printing Supporting the Covid19 Effort" Presentation at Medical University of South Carolina Innovation Week Charleston, South Carolina

Tureen A., Lemon E., Martin J., Hoffman S., Thuna M., and Miller W. (May 2019). "Virtual cohorts Peesupport and problem-solving at a distance." Poster at American Library Association. Washington DC.

Lemon E., (May 2019). "Additive Manufacturing (3D Printing) in Health Care" Presentation at Medical University of South Carolina Innovation Week Charleston, South Carolina

Lemon E., (May 2019). "Applications of AI in HealthCare" Presentation at Medical University of South Carolina Innovation Week Charleston, South Carolina

Conferences and Workshops Facilitated

Lemon, E. (2023). Program committee member, South Carolina Conference on Innovations in Teaching and Learning (SCITTTL). Myrtle Beach, SC.
Moderator for South Carolina Conference on Information Literacy

Lemon, E. (2023). Scholarship Committee member, South Carolina Conference on Innovations in Teaching and Learning (SCITTTL). Myrtle Beach, SC.

(SCCIL) Virtual Meeting, August 2021. August 2021

MUSC Innovation Week Technology Track June 2020

MUSC Inclusion to Innovation Summit November 2019

MUSC Innovation Week 3D Printing Workshop May 2018

Augusta University
Biomedical Informatics Course, National Library of Medicine 2013 – 2016

Professional Affiliations

Reference and User Services Association(RUSA) Executive Committee ALA 2022
RUSA Tech Showcase 2023 Cochair
ARROW 2023 Career Development Program Recently Promoted/Tenured Faculty Panel Speaker
SCCITL 2023 Planning Committee
American Library Association (ALA) – since 2018
Educause, 2010-
Institute of Electrical and Electronic Engineer IEEE since (2015)

Industry and Professional Experience

Regional Zone Technical Manager, Strategic Technology Consultation

2016 – 2018

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Trident Technical College, Columbia, SC

2002 – 2004

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Monitored Lab systems.

Performed maintenance on network and computers.

Business and Technical Training

IT Admin Specialist Student Intern
Department of Justice United States Attorney's Office

2008 – 2009

Automated Litigation Systems Support.

Performed data-entry and periodic updates to case management databases and software.

Completed initial set-up testing and diagnosis of problems found on network.

Assisted the Systems Manager in providing PC user training.

Worked to procure and inventory technology for Terrorism Taskforce (Project SEAHAWK).

Professional Service
University

- ♦ Academic Affairs Faculty
- ♦ Academic Affairs Committee 2020 – Present
- ♦ Medical University of South Carolina
- ♦ AI Hub Committee 2020 – Present
- ♦ Office of Innovation Roundtable 2020 – Present
- ♦ 3D Printing Club 2020 – Present
- ♦ Web Governance Committee 2018 – Present
- ♦ Innovation Week Planning Committee 2019 – Present
- ♦ 3D Printing Taskforce 2018 – Present
- ♦ Virtual Reality Task Force 2018 – Present
- ♦ University Education & Infrastructure Committee 2018 – Present
- ♦ Information Technology Consultant Committee 2018 – Present
- ♦ Information Security Forum Committee 2018 – Present
- ♦ Library Technology Advisory Committee Chair 2018 – Present
- ♦ Web design Committee Chair 2018 – Present
- ♦ Library Social Media Committee Co-Chair 2018 – Present
- ♦ Library Senior Manager Team Committee 2018 – Present

Volunteer Service

Moderator for South Carolina Conference on Information Literacy (SCCIL) Virtual Meeting, 2021

Board Member, South Carolina Department of Disabilities Foundation, 2020

Trident Technical College

Academic Advisory Committee Member, 2019-

Information Systems /Network Systems Advisory Board Committee, 2019

Community Service and Social Contributions

- ◆ Coastal Center Parent Gradian Association 2001 -Present
- ◆ Upsilon Pi Epsilon (Honor Society) 2015 – 2017
- ◆ Garnet Storm – Created Charity to help Soldiers in Iraq and Afghanistan 2008 – 2009
- ◆ USC Student Government Senator 2007 – 2009
- ◆ Fedora - Open Source Documentation for Fedora 10 Operating System. 2005 – 2006

Professional Development

- ◆ YWCA Racial Diversity Institute February 2020
- ◆ Garnter's Applications Solutions Summit and Educause December 2019
- ◆ Educause October 2018 - 2021
- ◆ American Libraries Association June 2019
- ◆ Harvard University's Library Institute of Academic Leadership July 2018

Funding Awards

Lemon, E. (2023-2024). Principal investigator, Coastal Center Library and Information Outreach, NN/LM Region 2 Outreach Grant.\$20,000

Telehealth Equity Catalyst Award from the Association of American Medical Colleges–Award for MUSC in Medical Education Awarded \$15,000 2022- 2023

Technology Award, Network of the National Library of Medicine (NNLM). Awarded \$15,000 to establish a Makerspace in the Library, 2019-2020

Highly Competent Subject Areas

Software:

- ◆ Microsoft Office Suite
- ◆ Networking
- ◆ Windows Sever
- ◆ Vmware
- ◆ Linux
- ◆ Examsoft
- ◆ Respondus
- ◆ Exlibris
- ◆ Echo 360
- ◆ Panopto
- ◆ Adobe Creative Cloud
- ◆ MediTech

Learning Management Systems:

- ◆ BlackBoard
- ◆ Moodle
- ◆ D2L Brightspace

- ◆ Coursera

Subject Matter Expert:

- ◆ Technical Communications
- ◆ Research & Data Analysis
- ◆ Information Systems & Services
- ◆ Intermediate Database Analysis
- ◆ Managing Networks
- ◆ Network Administration
- ◆ Database & Interactions
- ◆ Advanced Database Usability
- ◆ Interaction Design
- ◆ Health Informatics
- ◆ Advanced Health Informatics
- ◆ Information Architecture
- ◆ Electronic Media Production
- ◆ Web Development
- ◆ Advanced Web Applications
- ◆ Web Dev & Admin
- ◆ Systems Approach
- ◆ Social Media Management
- ◆ IT Leadership
- ◆ IT Practicum
- ◆ IT Project Management