

CURRICULUM VITAE

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Christopher David Coleman

ORCID: 0000-0003-3257-5143

Information Technology Coordinator
Louisiana Tech University, Computing Center
1310 W. Railroad Ave., Ruston, LA 71272
Wyly Tower of Learning, 141
Office: (318) 257-2580
E-mail: ccoleman@latech.edu
Website: <http://www.cdcoleman.com>
LinkedIn: <http://www.linkedin.com/in/colemancd>

EDUCATION

- December 2019 (Expected) Ph.D. Student, Learning Technologies
University of North Texas; Denton, Texas
- Preliminary Committee: Gerald Knezek, Lin Lin, Rob Foshay
Dissertation pre-proposal: *Privacy and information security concerns and their effect on communication in e-learning*
- June 2015 M.S., Information Security and Assurance (MSISA)
Norwich University; Northfield, Vermont
- Academic Concentration: Project Management
Research Project: *Influence of Personality Factors on Information Security Behavior*
- March 2007 B.S., Computer Science
Louisiana Tech University; Ruston, Louisiana
Minor: French; extensive coursework in electrical engineering.

SUPPLEMENTAL TRAINING AND EDUCATION

- September 2016 – November 2017 Graduate Certificate in Higher Education Administration
Louisiana Tech University; Ruston, Louisiana.
- January–May 2016 CopyrightX, 12-week online course in copyright law.
Berkman Klein Center for Internet and Society/ Harvard Law School
Harvard University; Cambridge, Massachusetts.

RESEARCH INTERESTS

Behavior and Technology
Digital Equity
Emerging Educational Technologies
Ethical Issues in Educational Technology
Gamification
Human-computer Interaction (Classroom technology usability, accessibility)
Information Security Awareness and Education
Information Security Issues in Education and Social Sciences
Social and Collaborative Learning (Project-based learning, Social media in education, etc.)

PENDING PUBLICATIONS & PRESENTATIONS

Under Review

Coleman, C.D. (paper). *Accessibility in Learning Management Systems: a review of literature*. Manuscript submitted for consideration, 2018 AACE EdMedia International Conference, Amsterdam, The Netherlands.

In Preparation

Wagner, J., Reeder, E., & **Coleman, C.D.** (paper). *Effect of professional development on instructor self-efficacy in a LMS and its relationship to teaching and learning*. Undergoing revision.

REFEREED CONFERENCE PAPERS

Coleman, C.D. (2018). *Video recording and feedback in clinical education: effectiveness, best practices, and operational concerns*. Accepted for presentation and publication at the 2018 AACE EdMedia International Conference, Amsterdam, The Netherlands.

Coleman, C.D. & Reeder, E. (2018). Three reasons for improving cybersecurity instruction and practice in schools. Accepted for presentation and publication at the Society for Information Technology & Teacher Education International Conference 2018, Washington, DC.

Coleman, C.D. (2017). An exploratory analysis of WCAG 2.0 conformance in higher education websites. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2017* (pp. 276-280). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Coleman, C.D. & Austin, W. (2017). *MOOCs and the digital divide: Why mass online learning may not improve educational attainment for those who need it most*. Paper presented at

The University of North Texas 2017 Research Exchange Conference. Denton, TX: University of North Texas (UNT).

CONFERENCE PRESENTATIONS

Ware, S., Steiner, R., Boudreaux, K., & **Coleman, C.D.** (2018, February 6) *Reinventing learning for the always-on generation*. Presented at the Texas Computer Education Association (TCEA) 2018 Convention and Exposition, Austin, TX.

Coleman, C.D. (2015, December 9) *Building a technology enhanced active learning classroom – lessons learned*. Presented at the Louisiana Association of Computer Using Educators 2015 Conference, New Orleans, LA.

POSTER PRESENTATIONS

Livingston, M.M., **Coleman, C.D.**, Boyraz, B., & Hindman, M.L. (2017, March) *A qualitative investigation of concerns regarding types of online distance counseling*. Poster session presented at the 2017 American Counseling Association Conference and Exposition, San Francisco, California, USA.

Livingston, M.M., Boyraz, G., **Coleman, C.D.**, & Hindman, M.L. (2016 August) *Self-stigma in face-to-face and online counseling: demographic differences*. Poster session presented at the 2016 American Psychological Association annual conference, Denver, Colorado, USA.

Livingston, M.M., Hindman, M., & **Coleman, C.D.** (2016, April 2) *Willingness to participate in online counseling and computer security concerns*. Poster presented at the 2016 American Counseling Association Conference and Exposition, Montréal, QC, Canada.

Livingston, M.M., **Coleman, C.D.**, Boyraz, G., Hindman, M., & Tobacyk, J. (2016, April 1) *Self stigma towards counseling: Internet online and office settings*. Poster presented at the 2016 Southeastern Psychological Association annual conference, New Orleans, Louisiana, USA.

Coleman, C.D. & Livingston, M.M., (2015, June 12) *Relationship between HEXACO personality factors and the endorsement of information security behavior*. Poster presented at the annual meeting of the Louisiana Psychological Association, Metairie, LA, USA.

OTHER PRESENTATIONS

Coleman, C.D. (2016, July 15) *Effective use of interactive white boards through instructional design*. Invited talk at Louisiana Tech University, Ruston, LA.

FUNDING PROPOSALS

Pending Proposals

Coleman, C.D. & Phillips, K. *Upgrades to Enhance Operational and Instructional Efficiency of the Speech and Hearing Center.* 2017 – 18 Louisiana Tech University Student Technology Fee Board Grant. Funding decision tabled until Spring 2018.

Funded Proposals

Coleman, C.D. *Remote Printing System Expansion.* 2017 – 18 Louisiana Tech University Student Technology Fee Board Grant. Funded at \$30,785.

Coleman, C.D. *Campus Security Video Integration and Expansion.* 2017 – 18 Louisiana Tech University Student Technology Fee Board Grant. Funded at \$58,622.

Coleman, C.D., Lantz, M. *Technology enhancements for the Psychological Services Clinic.* 2016 – 17 Louisiana Tech University Student Technology Fee Board Grant. Funded at \$46,751.

Coleman, C.D., *Enhancements for Research and Student Technology in the Department of Kinesiology.* 2016 – 17 Louisiana Tech University Student Technology Fee Board Grant. Funded at \$17,178.

Coleman, C.D., *Virtual Desktop Environment Supporting Student Research.* 2015 – 16 Louisiana Tech University Student Technology Fee Board Grant. Funded at \$3,510.

Coleman, C.D., *Kinesiology Instructional Enhancement.* 2015 – 2016 Louisiana Tech University Student Technology Fee Board Grant. Funded at \$85,970.

Coleman, C.D., *Creating a Student Resource, Research, and Collaboration Center for the College of Education.* 2014 – 2015 Louisiana Tech University Student Technology Fee Board Grant. Funded at \$50,532.

Coleman, C.D. & Schillinger, D. *College of Education Classroom Technology Enhancement.* 2013 – 2014 Louisiana Tech University Student Technology Fee Board Grant. Funded at \$70,875.

Coleman, C.D. & Schillinger, D. *College of Education Classroom Technology Enhancement.* 2012 – 2013 Louisiana Tech University Student Technology Fee Board Grant. Funded at \$43,915.

Coleman, C.D. & Schillinger, D., *College of Education Classroom Technology Enhancement.* 2011 – 2012 Louisiana Tech University Student Technology Fee Board Grant. Funded at \$64,602.

Unfunded Proposals

Morgan, P., **Coleman, C.D.**, Cargill, D., Keith-Vincent, L., Choate, J. *Teaching and Technology: A Webinar Series for Studying and Enhancing Instructional Technology Literacy*. 2015 – 2016 Louisiana Board of Regents eLearning Innovation Grant. \$8,800 requested.

Livingston, M.M., **Coleman, C.D.**, Igou, F., Tobacyk, J. *Virtual Desktop Infrastructure for Advanced Statistical Analysis for Enhanced Research and Instruction in the Department of Psychology and Behavioral Sciences at Louisiana Tech University*. 2014 – 2015 Louisiana Board of Regents Enhancement Grant. \$114,637 requested.

APPOINTMENTS AND WORK EXPERIENCE

2016 – Present Information Technology Coordinator
Computing Center, Div. of Infrastructure and Information Technology,
Louisiana Tech University; Ruston Louisiana

This position is a modified version of my previous role of Information Technology Coordinator. While still primarily responsible for the management of technology resources in the College of Education, I participate more directly with management of enterprise systems as a member of the University Computing Center staff. During this time, I have become more interested in aligning services to the ITIL service management framework, and have begun integrating those principles into strategic planning and management services provided in my scope of work. I serve as the primary systems administrator and security coordinator for the Psychological Services Clinic. As systems administrator, I maintain all of the data systems required for clinic operations, including databases, file servers, and a clinical video capture system. As security coordinator, I manage security-related policies, monitor systems for security incidents, conduct penetration testing of systems, and enforce HIPAA compliance.

2015 – 2016 Communications Coordinator, UTeachTech
College of Education, Louisiana Tech University; Ruston, Louisiana

This position, ancillary to my primary position as Information Technology Coordinator, is establishing and cultivating the UTeachTech brand through marketing. This job has required the development of a number of digital and print resources, including logos, program brochures, websites, social media pages, and even billboards. Work in this position is performed with rest of the UTeachTech team on an ad-hoc basis.

2007 – 2016 Information Technology Coordinator
College of Education, Louisiana Tech University; Ruston, Louisiana

In this position, I am responsible for management of all IT resources in the College of Education. Scope of this work includes three academic departments (Curriculum, Instruction, and Leadership, Psychology and Behavioral Sciences, and Kinesiology), three research centers (The Professional Development and Research Institute on Blindness, Science and Technology Education Center, and Sport and Movement Research Laboratory), The IDEA Place (a STEM museum for children) and Planetarium, the Louisiana NASA Educator Resource Center, Psychological Services Clinic, AROS Consulting (training arm of our industrial/organizational psychology Ph.D. program), and the A.E. Phillips Laboratory School. I manage all systems at all points in lifecycle. Work includes the identification and anticipation of trends in educational technology, design and deployment of new data systems, procurement (including grant-writing) of new hardware and software, physical inventory management, software inventory management, updates and maintenance to network infrastructure and server systems, design and maintenance of websites for the College, integration and management of instructional technology, and management of digital signage systems. I also regularly communicate and coordinate with other campus IT personnel as well as other administrative personnel at the university, college, and departmental levels. Perform other odd jobs as required.

2002 – 2009

Director of Media and Technology
Quitman Baptist Church; Quitman, Louisiana

Responsibilities included providing leadership for all media activities and management of all technical systems used by the church (computer systems, video presentation and audio systems) as well as the development of media resources. Provided supervision and mentorship of volunteers.

2002

Student Technology Assistant
Center for Instructional Technology and Distance Learning,
Louisiana Tech University; Ruston, Louisiana

In this position, was primarily responsible for providing coverage of telephones and assisting faculty with questions about University technical resources. This included assistance with advanced software packages such as Adobe Photoshop and with questions about how to use technology in classrooms. Performed other odd jobs as required.

1997–1998

LSMSA Student Assistant
Circulation, Watson Memorial Library, Northwestern State University;
Natchitoches, Louisiana

Was primarily responsible for assisting with circulation desk operations. This included manning the circulation desk and answering questions for library patrons both in person and via telephone. Additionally, it included checking out resources for patrons, checking-in returned resources, and re-shelving of materials. Performed other odd jobs as required.

ACADEMIC HONOR SOCIETIES

2018	Invited, Phi Kappa Phi, #230; University of North Texas
2016	Invited, Golden Key; University of North Texas
2015	Initiated, Alpha Chi, Texas Eta Chapter; University of North Texas
2015	Initiated, Upsilon Pi Epsilon, Vermont Beta Chapter; Norwich University
2006	Initiated, Pi Delta Phi, Iota Sigma Chapter; Louisiana Tech University

AWARDS AND RECOGNITION

2015	Invited and Participated in Norwich University's Third Annual Leadership Summit
2010	Dean's Commendation for Outstanding Service to NCATE Accreditation activities.
1999	Patriotism Award
1999	First Place award winner in Computer Concepts, Louisiana State FBLA Leadership Conference
1999	First Place award winner in Information Processing Concepts, Louisiana State FBLA Leadership Conference

UNIVERSITY SERVICE

Louisiana Tech University

Standing Committees/Groups

2018 – Present	<Committee Appointment Pending Final Decision from Provost>
2014 – 2016	Contributor to <i>College of Education Blog</i>

2011 – Present “Grassroots” Information Technology Subcommittee
Member

Ad Hoc Committees/Groups

2015 Library Replacement Visioning Team

2009 – 2010 NCATE Accreditation Technology Committee
Co-chair

University of North Texas

Ad Hoc Committees/Groups

2017 Peer Reviewer, 2017 Research Exchange Conference

PROFESSIONAL CERTIFICATIONS

Current

Microsoft Technology Associate (MTA)

- 98-367: MTA: Security Fundamentals #F368-5509 (7/1/2015)

Microsoft Certified Educator (MCE)

- 62-193: Technology Literacy for Educators #F367-0598 (6/30/2015)

Microsoft Office Specialist (MOS)

- 77-418: MOS: Microsoft Office Word 2013 #F367-0599 (6/30/2015)

Planned

- ITIL Foundation, by 5/31/18
- CISSP, planned post Ph.D. completion.
- PMP, planned post Ph.D. completion.

PROFESSIONAL ORGANIZATIONS

Active Memberships

2016 – Present Association for the Advancement of Computing in Education (AACE)
• Society for Information Technology & Teacher Education (SITE)

2015 – Present Association for Educational Communications and Technology (AECT)

- 2015 – Present International Society for Technology in Education (ISTE)
 - Louisiana Association of Computer Using Educators (LaCUE)
- 2014 – Present Information Systems Audit and Control Association (ISACA)
- 2013 – Present Association for Computing Machinery (ACM)
 - SIG on Human-Computer Interaction (SIGCHI)
 - SIG on Computers and Society (SIGCAS)
- 2013 – Present Institute of Electrical and Electronic Engineers (IEEE)
 - IEEE Computer Society (IEEE CS)
 - IEEE Society on Social Implications of Technology (IEEE SSIT)

Inactive Memberships

- 2015 – 2016 Project Management Institute (PMI)
- 2015 – 2016 American Counseling Association (ACA)

COMMUNITY SERVICE

- 2013 – 2014 Bienville Parish Fire Protection District Seven
Vice Chairman, Board of Commissioners
- 2013 – 2014 Bienville Parish Fire Protection District Seven
Commissioner, Board of Commissioners
- 2006 – 2008 Louisiana Tech BCM Advisory Council
Member, Jackson Baptist Association Representative

SKILLS AND COMPETENCIES

Computer Languages:

C, C++, Java, Visual Basic, JavaScript, Perl, PHP, CSS, HTML, XML

Operating Systems:

Endpoint: Apple macOS (OS X), Apple iOS, Google Android, Microsoft Windows XP – 10, Linux (predominantly Ubuntu distribution)

Server: Microsoft Windows 2012 R2 – 2016, Linux (Ubuntu Server LTS)

Mainframe: limited exposure to IBM z/OS

System Management/Administration Tools:

Absolute DDS (Computrace), Bomgar, Dell/Quest KACE (K1000 & K2000), Dell/Quest vWorkspace, Labstats, McAfee E-Policy Orchestrator, Microsoft Azure Active Directory, Microsoft InTune (MDM/SCCM), Symantec Altiris, VMware

Integrated Design Environments:

Apple XCode, NetBeans, Microsoft Visual Studio

Learning Environments:

Moodle (LMS), Canvas (LMS), Blackboard (LMS), IVS VALT (Clinical Video Capture and Feedback), Sonicfoundry Mediasite (lecture video capture)

Research and Analysis:

SAS, IBM SPSS, AMOS, R, QSR NVivo

Other Specialized Software:

Adobe Acrobat Professional, Adobe Captivate, Adobe Dreamweaver, Adobe Flash, Adobe Illustrator, Adobe Photoshop, Adobe Premiere, Apple Final Cut Pro, Microsoft Office, Quark Xpress, LaTeX

Other Skills:

Photography, videography, audio production (recording and mixing)

END OF VITAE, Last updated: 2/28/18.