

Jay M. Lightfoot

University of Northern Colorado
Monfort College of Business
(970) 351-1218

Email: jay.lightfoot@unco.edu

Personal Website: <https://www.linkedin.com/in/jay-lightfoot-759a75a>

Education

PhD, University of Colorado, 1990.

Area of Study: Management Science / Information Systems

Dissertation/Thesis Title: A technique to share the cost of a local area network using the Shapley Value

MBA, University of Colorado, 1984.

Area of Study: Information Systems

BS, East Texas State University, 1979.

Area of Study: Computer Science

Professional Academic Experience

Interim Dean, University of Northern Colorado. (2020 - Present).

Associate Dean, Monfort College of Business. (2015 - Present).

Professor, University of Northern Colorado. (2000 - Present).

Assistant Dean, Monfort College of Business. (2014 - 2015).

Associate Dean, Monfort College of Business. (2007 - 2008).

Associate Professor, University of Northern Colorado. (1995 - 2000).

Assistant Professor, University of Northern Colorado. (1991 - 1995).

Graduate Assistant, University of Colorado - Boulder. (1986 - 1989).

Visiting Instructor, University of Colorado - Colorado Springs. (1985 - 1986).

Senior Business Programmer, United Technologies Microelectronics Center. (1985 - 1986).

Supervisor of Business Programming, United Technologies Mostek. (1980 - 1985).

Computer Operator, Henson-Kickernick Corporation. (1978 - 1980).

Administrative Roles

Associate Dean, (2015 - 2020).

Dean, (2020).

Assistant Dean, (2014 - 2015).

Associate Dean, (2007 - 2008).

Department Chair, (1998 - 2004).

Licensures and Certifications

Certificate in Data Processing (C.D.P.), Institute for Certification for Computer Professionals.
(December 1985 - Present).

AccessData Certified Examiner (ACE), AccessData Corporation. (July 10, 2019 - July 10, 2021).

GIAC Certified Forensic Analyst (GCFA), SANS Institute. (May 2009 - May 2021).

RESEARCH, SCHOLARSHIP, AND CREATIVE WORKS

Publications

Juried

Journal Article

Published

Lightfoot, J. M. (2019). A Game-Theoretic Approach to Share the Costs of Cooperating Healthcare Networks. *Journal of International Technology and Information Management*, 27(3), 22. <https://scholarworks.lib.csusb.edu/jitim/vol27/iss3/2>

McCartin, L., Marston, C., Lightfoot, J. M., Sexton, J., Byrnes, J., Ku, H.-Y., Black, K. (2015). Faculty Professional Development in Student Learning Assessment: The Assessment Leadership Institute. *Research & Practice in Assessment*, 10, 69-80. <http://www.rpajournal.com/faculty-professional-development-in-student-learning-assessment-the-assessment-leadership-institute/>

Lightfoot, J. M. (2014). A Web-Based Knowledge Management Tool Utilizing Concept Maps for On-Line Student Advising. *Journal of International Technology and Information Management*, 23(1), 41-56. http://iima.org/index.php?option=com_phocadownload&view=category&id=87:jitim141&Itemid=77#

Lightfoot, J. M. (2010). A Graph-Theoretic Approach to Improved curriculum Structure and Assessment Placement. *Communications Of The IIMA*, 10(2), 59-73.

Sedbrook, T. A., Lightfoot, J. M. (2010). DEAR: A New Technique for Information Extraction and Context-Dependent Text Mining. *Communications of The IIMA*, 10(3), 33-47.

Lightfoot, J. M. (2010). Designing Assessment into the Curriculum: A Systematic Approach. *International Journal of Learning*, 17(2), 285-298.

Lightfoot, J. M. (2009). Student Communication Preferences in a Technology-Enhanced Learning Environment. *International Journal Of Instructional Media*, 36(1), 9-20.

Lightfoot, J. M. (2007). A New Blended Course Architecture for the Modern University. *Communications Of The IIMA*, 7(2), 79-92.

- Lightfoot, J. M. (2006). A Comparative Analysis of e-Mail and Face-to-Face Communication in an Educational Environment. *The Internet and Higher Education*, 9(3), 217-221.
- Lightfoot, J. M. (2006). Modular Curriculum Design Using Personal Learning Plans and Reusable Learning Components. *Communications of The IIMA*, 6(4), 65-80.
- Lightfoot, J. M. (2005). Integrating Emerging Technologies into Traditional Classrooms: A Pedagogic Approach. *International Journal of Instructional Media*, 32(3).
- Lightfoot, J. M. (2004). An Empirical Analysis of Student Perceptions of Web-Site Components for Class Web-Sites. *Communications Of The IIMA*, 4(1), 99-109.
- Lightfoot, J. M. (2003). Design Issues Related to the Creation and Delivery of Asynchronous Multimedia Presentations. *Journal of Educational Technology Systems*, 31(3), 343-356.
- Lightfoot, J. M. (2002). Technical Considerations in the Delivery of Audio-Visual Course Content. *Journal of Educational Technology Systems*, 30(1), 53-68.
- Lightfoot, J. M. (2001). Analyzing and Documenting an Internet Website using NoteCards. *Journal of International Technology and Information Management*, 31-44.
- Lightfoot, J. M. (2000). An Intranet-Assisted Approach to Curriculum Design for CIS Classes. *Journal of Informatics Education and Research*, 2(1), 9-20.
- Lightfoot, J. M. (1999). A Blueprint for Using the World-Wide Web as an Interactive Teaching Tool. *Journal Of Educational Technology Systems*, 27(4), 325-335.
- Lightfoot, J. M. (1999). Fads Versus Fundamentals: The Dilemma for Information Systems Curriculum Design. *Journal Of Education For Business*, 75(1), 43-50.
- Lightfoot, J. M. (1999). Designing and Implementing a 'Full-Service' ClassPage on the Internet. *Journal Of Educational Multimedia And Hypermedia*.
- Lightfoot, J. M. (1999). Expert Knowledge Acquisition and the Unwilling Expert: A Knowledge Engineering Prospective. *Expert Systems*, 16(3), 141-147.
- Lightfoot, J. M. (1997). A New Technique for Website Design Using an Interactive Visualization Hypertext Tool. *International Business Schools Computing Quarterly*, 9(1), 32-42.
- Lightfoot, J. M. (1996). Managing Resident Intern Schedules Using On-line, User-Controlled System. *Journal of International Technology and Information Management*, 5(1), 61-74.
- Lightfoot, J. M. (1995). MOSAIC: A Dynamic Menu-Driven Interface for End Users and Systems Administrators. *Journal of International Technology and Information Management*, 4(1), 41-50.
- Lightfoot, J. M. (1995). Competitive Pricing for Multi-Payload Launches Revisited. *Space Policy*, 11(1), 75-76.
- Lightfoot, J. M. (1994). The Applicability of Expert Systems to a Space-based Defensive Shield. *Space Policy*, 10(4), 256-264.

Lightfoot, J. M., Spinetto, R. (1994). An Alternative Method to Share the Initial Fixed Cost of a Local Area Network. *IEEE Transactions On Engineering Management*, 41(2), 135-142.

Lightfoot, J. M. (1994). Competitive Pricing for Multiple Payload Launch Services. *Space Policy*, 10(2), 121-133.

Lightfoot, J. M., Sedbrook, T. A., Cullom, C. B. (1994). Discovering Why a Resume Booklet Didn't Work. *Journal Of Career Planning & Employment*, 54(2), 54-56.

Lightfoot, J. M. (1993). Orion: A Menu-Driven Source Code Generator for End Users. *Journal of International Technology and Information Management*, 2(2), 81-87.

Lightfoot, J. M., Spinetto, R. (1993). An Algorithm for Sharing Costs of Operating a Computer Network. *Omega*, 21(5), 585-592.

Lightfoot, J. M., Sedbrook, T. A., Cullom, C. B. (1993). Assessing the Value of Unsolicited Resume Booklets to Assist Undergraduate Computer Information Systems Student Placement. *Journal Of Computer Information Systems*, 34(2), 42-46.

Book Chapter

Published

Lightfoot, J. M., Bein, j., Bernstein, B., King, R., Wharton, C. (1990). KEESEE: A Behavioral Object-Oriented Database Framework for Software Engineering. In Pranas Zunde & Dan Hocking (Ed.), *Empirical Foundations of Information and Software Science V* (pp. 401-416). Springer-Verlag.
http://link.springer.com/chapter/10.1007/978-1-4684-5862-6_34. DOI: 10.1007/978-1-4684-5862-6_34

Conference (Full Paper) Proceeding

Published

Lightfoot, J. M. (2010). *A Graph-Theoretic Approach to Improved Curriculum Structure and Assessment Placement*. International Information Management Association.

Sedbrook, T. A., Lightfoot, J. M. (2010). *DEAR: A New Technique for Information Extraction and Context-Dependent Text Mining*. International Information Management Association.

Lightfoot, J. M. (2010). *Designing Assessment into the Curriculum: A Systematic Approach*. The 17th International Conference on Learning.

Lightfoot, J. M. (2007). *A New Blended Course Architecture for the Modern University*. International Information Management Association.

Lightfoot, J. M. (2007). *Modular Curriculum Design Using Personal Learning Plans and Reusable Learning Components*. International Information Management Association.

Lightfoot, J. M. (2004). *A Comparative Analysis of E-mail and Face-to-Face Communication in an Educational Environment* (pp. 296-298). Information Resources Management Association.

- Lightfoot, J. M. (2004). *Student Perceptions of Asynchronous versus Synchronous Communication in a Technology-Enhanced Learning Environment* (pp. 87-89). Information Resources Management Association.
- Lightfoot, J. M. (2002). *Integrating Emerging e-Technologies into Traditional Classroom Settings*. L'Aquila: International Conference on Advances in Infrastructure for e-Business, e-Education, e-Science, and e-Medicine on the Internet.
- Lightfoot, J. M. (2000). *Technical Considerations in the Delivery of Audio-Visual Course Content*. International Information Management Association.
- Lightfoot, J. M. (1999). *Using the Internet to Deliver Audio-Visual Course Content: A Retrospective*. International Information Management Association.
- Lightfoot, J. M. (1998). *Designing and Implementing a 'Full-Service' ClassPage on the Internet* (pp. 60-76). International Information Management Association.
- Lightfoot, J. M. (1998). *Fads Versus Fundamentals: The Dilemma for Information Systems Curriculum Design* (pp. 486-492). Information Resources Management Association.
- Lightfoot, J. M. (1998). *An Intranet-Assisted Approach to Curriculum Design for CIS Classes* (pp. 353-355). Western Decision Sciences Institute Conference.
- Lightfoot, J. M. (1997). *A New Technique for Website Design Using an Interactive Visualization Hypertext Tool* (pp. 14-19). ACM SIGCPR Conference.
- Lightfoot, J. M. (1996). *Analyzing and Documenting an Internet Website Using NoteCards* (pp. 47-57). International Information Management Association.
- Lightfoot, J. M. (1995). *Managing Resident Intern Rotation Schedules Using an On-Line, User-Controlled System* (pp. 66-76). International Information Management Association.
- Lightfoot, J. M. (1994). *MOSAIC: A Dynamic Menu Interface for End Users and System Administrators* (pp. 61-69). International Information Management Association.
- Lightfoot, J. M., Spinetto, R. (1992). *A Cost Sharing Technique for the Managers of Distributed Computer Networks* (pp. 171-184). International Conference on Information Systems.
- Lightfoot, J. M., Spinetto, R. (1992). *Sharing the Cost of Technology: A Technique for the Managers of Local Area Networks* (pp. 1050-1052). Decision Sciences Conference.
- Lightfoot, J. M., Spinetto, R. (1992). *A New Technique to Share the Common Cost of Operating a Computer Network* (pp. 289-293). Institute of Management Sciences.
- Lightfoot, J. M., Sedbrook, T. A., Cullom, C. B. (1992). *A Study to Determine the Value of Unsolicited Resume Booklets* (pp. 434-437). Institute of Management Sciences.
- Lightfoot, J. M. (1992). *Expert Knowledge Acquisition and the Unwilling Expert: A Knowledge Engineering Perspective* (pp. 676-680). Institute of Management Sciences.
- Lightfoot, J. M. (1992). *Orion: A Menu-Driven Source Code Generator for End Users* (pp. 139-145). International Information Management Association.

Lightfoot, J. M., Spinetto, R. (1991). *An Alternative Method to Share the Initial Fixed Cost of a Local Area Network* (pp. 170-172). Institute of Management Sciences.

Working Paper

Working Paper

Lightfoot, J. M. (2010). *A Graph-Theoretic Approach to Improved Curriculum Structure*.

Sedbrook, T. A., Lightfoot, J. M. (2010). *DEAR: A New Technique for Information Extraction and Context-dependent Text Mining*.

Lightfoot, J. M. (2010). *Designing Assessment into the Curriculum: A Systematic Approach*.

Lightfoot, J. M. (2003). *A Comparative Analysis of Email and Face-to-Face Communication in an Educational Environment*.

Lightfoot, J. M. (2003). *Student Perceptions of Asynchronous versus Synchronous Communication in a Technology-Enhanced Learning Environment*.

Lightfoot, J. M. *A New Technique for Website Design Using an Interactive Visualization Hypertext Tool*.

Lightfoot, J. M. *Managing Resident Intern Schedules Using On-line, User-Controlled System*.

Lightfoot, J. M. *Power, Control, and Expert Systems*.

Non-juried

Journal Article

Published

Alexander, J. F., Jares, T. E., Clinebell, S. K., Clinebell, J. M., Lightfoot, J. M., Cullom, C. B. (2005). Case Study: Monfort College of Business, 2004 Malcolm Baldrige National Quality Award Winner. *The Journal of Innovative Management*.

Professional Presentations

Invited

Non-juried

Lightfoot, J. M. (Author & Presenter), UNC Improving Student Learning Workshop Series, "Program-Level Curriculum Mapping," UNC Office of Assessment, University Center--Spruce A/B. (October 23, 2018).

Lightfoot, J. M. (Author & Presenter), UNC Improving Student Learning Workshop Series, "Program-Level Curriculum Mapping," UNC Office of Assessment, University Center--Spruce A/B. (October 17, 2018).

Lightfoot, J. M. (Author & Presenter), UNC Improving Student Learning Workshop Series, "Program-Level Curriculum Mapping," UNC Office of Assessment, University

Center--Spruce A/B. (October 12, 2017).

Lightfoot, J. M. (Author & Presenter), 11th Annual Outcomes and Assessment Conference, "Instructional Assessment: Lessons from the Assessment Leadership Institute at the University of Northern Colorado," North Texas Community College Consortium, Fort Worth, Texas. (October 21, 2016).

Elis, L. (Author & Presenter), Lightfoot, J. M. (Author & Presenter), Marston, C. (Author & Presenter), Colorado Regional Assessment Committee, "The Assessment Leadership Institute: Professional Development by Faculty for Faculty," Greeley Colorado. (February 2014).

Lightfoot, J. M. (Author & Presenter), Center for Educational Testing and Learning (CETL), "Educational Uses of Concept Maps," Center for Educational Testing and Learning (CETL), University of Northern Colorado. (2011).

Lightfoot, J. M. (Author & Presenter), Quest for Excellence National Conference, "Co-presented Category 6 at Quest for Excellence Conference. Presentation was given two times.," Quest for Excellence National Conference, Washington, District of Columbia. (2005).

Lightfoot, J. M. (Author & Presenter), 14th Annual Carey Organizational Excellence Award Symposium, "Case Study: Monfort College of Business, 2004 Malcolm Baldrige National Quality Award Winner," 14th Annual Carey Organizational Excellence Award Symposium, Washington, District of Columbia. (September 2005).

Not Invited

Juried

Sexton, J. (Author), Lightfoot, J. M. (Author & Presenter), Dauenhauer, B. (Author), Sheehan, E. (Author), Welch, R. (Author), Wood, T. (Author), 26th International Conference on Learning, "A Technique to Map and Evaluate Fulfillment of Institutional Learning Outcomes," Common Ground Research Networks, Belfast, UK. (July 2019).

Lightfoot, J. M. (Author & Presenter), 28th Annual Conference of the International Information Management Association, "A Game-Theoretic Method to Share Fixed Costs Across Competing Health Networks," International Information Management Association, Paisley, Scotland. (September 2017).

Lightfoot, J. M. (Author & Presenter), 28th Annual Conference of the International Information Management Association, "Utilizing Dashboards and Data Analytics to Manage Student Retention and Recruitment through Cohort Analysis," International Information Management Association, Paisley, Scotland. (September 2017).

Cullom, C. B. (Author), Lightfoot, J. M. (Author & Presenter), 27th Annual Conference of the International Information Management Association, "Comparison of Students' Expectations of Internships with Stated Benefits," International Information Management Association, Taipei, Taiwan. (September 20, 2016).

Lightfoot, J. M. (Author & Presenter), 27th Annual Conference of the International Information Management Association, "Innovative Uses of Domain Specific Models and Domain Specific Languages in Education," International Information Management Association, Taipei, Taiwan. (September 20, 2016).

- McCartin, L., Sexton, J., Marston, C., Ku, H.-Y., Lightfoot, J. M. (Author), Byrnes, J., HLC Academy, "Changing the Culture of Assessment at UNC through Program-Level Assessment." (June 9, 2016).
- McCartin, L. (Presenter), Marston, C. (Presenter), Sexton, J. (Presenter), Black, K. (Presenter), Lightfoot, J. M. (Presenter), Ku, H.-Y. (Presenter), "Assessment of Student Learning at UNC for New Faculty," UNC Office of Assessment, University of Northern Colorado, Greeley, CO. (February 9, 2016).
- Ku, H.-Y., Byrnes, J., Sexton, J., McCartin, L., Marston, C., Lightfoot, J. M. (Author & Presenter), Black, K., 2015 Assessment Institute, "Engaging Faculty to be Assessment Leaders," Indiana University - Purdue University Indiana, Indianapolis, Indiana. (October 26, 2015).
- Sexton, J., McCartin, L., Ku, H.-Y., Marston, C., Lightfoot, J. M., Byrnes, J., Black, K., 2015 Assessment Institute, "The Assessment Leadership Institute: An Evidence-Based Professional Development Model to Improve Faculty Skills, Knowledge, and Attitudes," Indiana University - Purdue University Indiana, Indianapolis, Indiana. (October 26, 2015).
- Lightfoot, J. M. (Author & Presenter), 22nd International Conference on Learning, "A Simple Technique to Generate and Present Assessment Results Using an Automated Dashboard," Madrid, Spain. (July 2015).
- Cullom, C. B. (Author & Presenter), Lightfoot, J. M. (Author), Sedbrook, T. A. (Author), 17th Annual Academic Conference of S.O.B.I.E., "Student Internship: What do students expect from the experience?," Society of Business, Industry, and Economics, Sandestin, Florida. (April 16, 2015).
- Lightfoot, J. M. (Author & Presenter), Cullom, C. B. (Author), Annual AACSB Assessment Conference, "Accountability of Learning Outcomes for Internships: Using 360 Degree Feedback and More," AACSB, Austin, Texas. (March 2015).
- Ellis, L. (Author & Presenter), Lightfoot, J. M. (Author & Presenter), Christine, M. (Author & Presenter), 2014 Annual Conference of the Higher Learning Commission, "The Assessment Leadership Institute: Professional Development by Faculty for Faculty," Higher Learning Commission, Chicago, IL. (April 2014).
- Lightfoot, J. M. (Author & Presenter), 20th International Conference on Learning, "Web-Based Knowledge Management Tool for On-Line Student Advising," Rhodes, Greece. (July 2013).
- Lightfoot, J. M. (Author & Presenter), AACSB Assessment Conference, "A New Methodology to Improve Curriculum Structure and Assessment Inclusion," AACSB, Houston, Texas. (March 2012).
- Sedbrook, T. A. (Author & Presenter), Lightfoot, J. M. (Author & Presenter), Annual AACSB Assessment Conference, "Innovation Networks - Sharing AoL Practices," AACSB, New York, New York. (March 2010).
- Jares, T. (Author & Presenter), Lightfoot, J. M. (Author & Presenter), AACSB Associate Deans and Innovative Programs Conference, "The Monfort College of Business—Preparing for a Successful Maintenance Review," AACSB. (November 2008).
- Cullom, C. (Author & Presenter), Lightfoot, J. M. (Author & Presenter), Sedbrook, T. A.

- (Author & Presenter), International Information Management Association, "Proposed Ontology for Assurance of Learning for Knowledge Management," International Information Management Association, San Diego, California. (October 2008).
- Lightfoot, J. M. (Author & Presenter), Annual Teaching with Technology Conference, "An Investigation of a Web-Based Visualization technique to Advise Students," Annual Teaching with Technology Conference, Boulder, Colorado. (August 2005).
- Lightfoot, J. M. (Author & Presenter), International Information Management Association, "An Empirical Analysis of Student Perceptions of Web-Site Components for Class Web-Sites," International Information Management Association, Chicago, Illinois. (October 2004).
- Lightfoot, J. M. (Author & Presenter), Annual Teaching with Technology Conference, "'An Empirical Analysis of Student Perceptions of the Usefulness of Web-Site Components'," Annual Teaching with Technology Conference, Boulder, Colorado. (August 2004).
- Lightfoot, J. M. (Author & Presenter), International Conference on Advances in Infrastructure for e-Business, e-Education, e-Science, and e-Medicine on the Internet, "Integrating Emerging e-Technologies into Traditional Classroom Settings," International Conference on Advances in Infrastructure for e-Business, e-Education, e-Science, and e-Medicine on the Internet, L'Aquila, Italy. (July 2002).
- Lightfoot, J. M. (Author & Presenter), International Information Management Association, "Integrating Curriculum Design and Delivery with the Internet," International Information Management Association, Breckenridge, Colorado. (October 2001).
- Lightfoot, J. M. (Author & Presenter), Rowley, D., Iyer, R., Reed, R., EDINEB International Conference, "Technology and the Business School: Increasing the Effectiveness of Business Education," EDINEB International Conference, Nice, France. (June 2001).
- Lightfoot, J. M. (Author & Presenter), International Information Management Association, "Technical Considerations in the Delivery of Audio-Visual Course Content," International Information Management Association, Seattle, Washington. (October 2000).
- Lightfoot, J. M. (Author & Presenter), International Information Management Association, "Using the Internet to Deliver Audio-Visual Course Content: A Retrospective," International Information Management Association, New Rochelle, New York. (October 1999).
- Lightfoot, J. M. (Author & Presenter), International Information Management Association, "Designing and Implementing a 'Full-Service' ClassPage on the Internet," International Information Management Association, San Bernardino, California. (October 1998).
- Lightfoot, J. M. (Author & Presenter), Information Resources Management Association, "Fads Versus Fundamentals: The Dilemma for Information Systems Curriculum Design," Information Resources Management Association, Boston, Massachusetts. (May 1998).
- Lightfoot, J. M. (Author & Presenter), Western Decision Sciences Institute Conference, "An Internet-Assisted Approach to Curriculum Design for CIS Classes," Western Decision Sciences Institute Conference, Reno, Nevada. (April 1998).

- Lightfoot, J. M. (Author & Presenter), ACM SIGCPR Conference, "A New Technique for Website Design Using an Interactive Visualization Hypertext Tool," ACM SIGCPR Conference, San Francisco, California. (April 1997).
- Lightfoot, J. M. (Author & Presenter), International Information Management Association, "Analyzing and Documenting an Internet Website Using NoteCards," International Information Management Association, Estes Park, Colorado. (December 1996).
- Lightfoot, J. M. (Author & Presenter), International Information Management Association, "Managing Resident Intern Rotation Schedules Using an On-Line, UserControlled System," International Information Management Association, Marietta, Georgia. (October 1995).
- Lightfoot, J. M. (Author & Presenter), International Information Management Association, "MOSAIC: A Dynamic Menu Interface for End Users and System Administrators," International Information Management Association, Las Vegas, Nevada. (October 1994).
- Lightfoot, J. M. (Author & Presenter), Spinetto, R. D., International Conference on Information Systems, "A Cost Sharing Technique for the Managers of Distributed Computer Networks," International Conference on Information Systems, Dallas, Texas. (December 1992).
- Lightfoot, J. M. (Author & Presenter), Decision Sciences Institute Conference, "Sharing the Cost of Technology: A Technique for the Managers of Local Area Networks," Decision Sciences Institute Conference, San Francisco, California. (November 1992).
- Lightfoot, J. M., "Expert Knowledge Acquisition and the Unwilling Expert: A Knowledge Engineering Perspective," The Institute of Management Sciences Southeastern Chapter, Myrtle Beach, South Carolina. (October 1992).
- Lightfoot, J. M. (Author & Presenter), "Orion: A Menu-Driven Source Code Generator for End Users," International Information Management Association, San Bernardino, California. (October 1992).
- Lightfoot, J. M. (Author & Presenter), Spinetto, R. D., The Institute of Management Sciences Southeastern Chapter, "A New Technique to Share the Common Cost of Operating a Computer Network," The Institute of Management Sciences Southeastern Chapter, Myrtle Beach, South Carolina. (October 1992).
- Lightfoot, J. M. (Author & Presenter), Spinetto, R. D., The Institute of Management Sciences Southeastern Chapter, "An Alternative Method to Share the Initial Fixed Cost of a Local Area Network," The Institute of Management Sciences Southeastern Chapter, Myrtle Beach, South Carolina. (October 1991).
- Lightfoot, J. M. (Author & Presenter), Monarchi, D., IFORS Triennial Conference on Operations Research, "An Investigation into the Feasibility of Multiple Objective Expert Systems," IFORS Triennial Conference on Operations Research, Buenos Aires, Argentina. (August 1987).

Non-juried

- Lightfoot, J. M. (Author & Presenter), UNC Annual Research Symposium, "Managing Resident Intern Rotation Schedules Using an On-Line, User-Controlled System," UNC Annual Research Symposium, Greeley, Colorado. (April 1996).

Lightfoot, J. M. (Discussant), Institute of Management Sciences, Institute of Management Sciences. (1992).

Research in Progress

"Analysis of Institutional Learning Outcomes using Visualization" (Planning).

This research applies visualization techniques to the analysis of university Institutional Learning Objectives. The intent is to determine new insights into linkages between courses and objectives.

"Comparison of Students' Expectations of Internships with Employers Expectations" (Writing Results).

Surveys of students in CIS and SE as to expectations of internship experiences compared with expectations of employers

"Curriculum Scheduling using Dynamic Stochastic Simulation" (On-Going).

Developing a computer system to simulate student cohort flow through a college curriculum using dynamic stochastic simulation software.

CONTRACTS, FELLOWSHIPS, GRANTS AND SPONSORED RESEARCH

Funded

Lightfoot, J. M., "TZWorks Software Grant," Sponsored by TZWorks LLC, Private, \$21,000.00. (April 2016 - December 2019).

Black, K., Lightfoot, J. M. (Supporting), Byrnes, J., Ellis, L., Heng-Yu, K., "UNC 2013 Summer Support Initiative Grant," Sponsored by UNC Office of Research, University of Northern Colorado. (2013).

Lightfoot, J. M. (Principal), "UNC Provost Research, Dissemination & Faculty Development Award," Sponsored by UNC Provost Office, University of Northern Colorado, \$5,703.00. (2012).

Lightfoot, J. M. (Principal), "Provost Fund for Faculty Scholarship & Professional Development," Sponsored by Faculty Research & Publications Board, University of Northern Colorado, \$5,000.00. (2008).

Lightfoot, J. M. (Principal), "MCB Summer Instructional Grant. Grant awarded to support my efforts to integrate advanced multimedia technology into the CIS program.," Sponsored by MCB, University of Northern Colorado, \$4,500.00. (2005).

Lightfoot, J. M. (Principal), "Hardware donation of a used IBM AS/400, peripherals, and software to use in support for CIS courses," Sponsored by Reusche & Company, \$1,000.00. (2002).

Lightfoot, J. M. (Principal), "Benchmark Corporation grant of a DLT tape backup unit valued at approximately \$1500 to be used to make backups of faculty computers and department servers," Sponsored by Benchmark Corporation, \$1,500.00. (2000).

Lightfoot, J. M. (Principal), "\$3000 COBA Instructional Grant in order to develop course material necessary to update the database management course (BACS 485) into one suitable for hypermedia presentation.," Sponsored by COBA, University of Northern Colorado, \$3,000.00. (1998).

Lightfoot, J. M. (Principal), "Grant of \$1356 to the CIS department to be used to purchase a

software support contract for the departmental computer server.," Sponsored by Hewlett-Packard, \$1,356.00. (1998).

Lightfoot, J. M. (Co-Principal), Cullom, C. B. (Co-Principal), "Grant renewal with Dr. Charmayne Cullom. This grant was a five year extension of the original ORACLE grant of 1996. It has a commercial value of over \$4,500,000.," Sponsored by ORACLE Academic Alliance Grant, \$0.00. (1997).

Lightfoot, J. M. (Principal), "COBA Summer Instructional Grant to revise the BACS Database Management Course to integrate ORACLE database software as the server in a client/server configuration. \$3000," Sponsored by COBA, University of Northern Colorado, \$3,000.00. (1996).

Lightfoot, J. M. (Co-Principal), Cullom, C. B. (Co-Principal), "Grant recipient with Dr. Charmayne Cullom. Grant facilitates the incorporation of ORACLE database tools into our CIS curriculum. The grant includes software for several platforms with technical support. It has a commercial value of over \$600,000.," Sponsored by Oracle Academic Alliance Grant, \$0.00. (1996).

Lightfoot, J. M. (Co-Principal), Cullom, C. B. (Co-Principal), "Grant with Dr. Charmayne Cullom for Visual C++, Visual Basic & Windows NT. Valued at \$10,000," Sponsored by Microsoft Office Grant, \$10,000.00. (1996).

Lightfoot, J. M. (Co-Principal), Cullom, C. B. (Co-Principal), "Grant for Visual C++ and Visual Basic programming language. Valued at \$10,000," Sponsored by Microsoft Office Grant, \$10,000.00. (1995).

Lightfoot, J. M. (Principal), "\$3000.00 to investigate the use of the NoteCards hypermedia tool and the COBA decision support center to acquire knowledge from multiple experts.," Sponsored by COBA Summer Research Award, University of Northern Colorado, \$3,000.00. (1994).

Lightfoot, J. M. (Co-Principal), Sedbrook, T. A. (Co-Principal), "Recipient with Dr. Tod Sedbrook. The grant was awarded to research the effectiveness of a hypermedia tool (i.e. NoteCards) in knowledge acquisition from multiple experts. The grant has an academic value of approximately \$22,000. Only three such grants," Sponsored by Venue NoteCards Grant, \$22,000.00. (1993).

TEACHING

Teaching Experience

University of Northern Colorado

Courses Taught:

BA 299, Professional Experience, 2 courses. .00 credit hours.

BACS 287, Graphical Interface Programming, 14 courses. 3.00 credit hours.

BACS 300, Information Systems, 3 courses. 3.00 credit hours.

BACS 371, Introduction to Computer Forensics, 12 courses. 3.00 credit hours.

BACS 387, Object Oriented Systems Development, 5 courses. 3.00 credit hours.

BACS 422, Directed Studies, 4 courses. 3.00 credit hours.

BACS 485, Database Management Systems, 14 courses. 3.00 credit hours.

BACS 492, Internship in Computer Information Systems, 1 course. 1.00 credit hours.

MBA 605, Data Analytics and Visualization, 2 courses. 3.00 credit hours.

New Programs Developed/Major Program Revision: 3 courses.

DS: Course (New) - Creation/Delivery: Conventional

MBA 605 - Data Analytics & Visualization (Creation/Delivery: on-line)

University of Colorado at Colorado Springs

Courses Taught:

IS 200, Information Systems, 2 courses.

Academic Advising

Fall 2019: 38 undergraduate students advised, approximately 40 hours spent per year.

Fall 2018: 22 undergraduate students advised, approximately 20 hours spent per year.

Spring 2018: 24 undergraduate students advised, approximately 20 hours spent per year.

Fall 2017: 14 undergraduate students advised, approximately 15 hours spent per year.

Spring 2017: 21 undergraduate students advised, 0 graduate students advised, approximately 20 hours spent per year.

Fall 2015: 23 undergraduate students advised, approximately 20 hours spent per year.

Spring 2015: 21 undergraduate students advised, approximately 20 hours spent per year.

Fall 2014: 20 undergraduate students advised, approximately 20 hours spent per year.

Spring 2014: 20 undergraduate students advised, approximately 20 hours spent per year.

Fall 2013: 12 undergraduate students advised, approximately 15 hours spent per year.

Directed Student Learning

Undergraduate Honors Thesis. (March 2016 - December 2019).

Advised: Christopher Newby

SERVICE

University Service

Committee Member, Undergraduate Admissions Council. (October 2018 - Present).

Task Force Member, Institutional Reporting Data Task Force. (July 2017 - Present).

Committee Member, Sears-Helgoth Award Committee. (February 2016 - Present).

Committee Member, Annual Report Task Force. (February 2015 - Present).

Resolution Coordinator, Conflict Resolution Facilitator for MCB. (February 2015 - Present).

Committee Member, Digital Measures Steering Committee. (March 2014 - Present).

Committee Member, UNC Assessment Council. (2010 - Present).

Committee Member, Student Success - Data Strategy. (October 2018 - December 2018).

Special Institutional Assignment, UNC Assessment Fellow. (2011 - 2016).

Workshop Presentation, Assessment Leadership Institute. (January 2015).

Other Institutional Service Activities, TracDat coordinator for MCB. (2005 - 2014).

Workshop Presentation, Assessment Leadership Institute. (January 2014).

Committee Chair, HLC Criterion 5 Sub-Committee Co-Chair. (2012 - 2013).

Workshop Presentation, Assessment Leadership Institute. (March 2013).

Workshop Presentation, Assessment Leadership Institute. (January 2013).

Assurance of Learning - Institutional Service, UNC Assessment Council subcommittee A. (2010).

Committee Member, Insight Power Users Group. (2008 - 2009).

Committee Member, UNC Information Technology Committee. (2007 - 2009).

Conference-Related, International Information Management Association. (2008).

Committee Member, MCB Advisor Search Committee. (2008).

Committee Member, MCB Undergraduate Strategic Initiative Team. (2008).

Committee Member, Program Review Work Group. (2008).

Committee Member, MCB Curriculum Committee. (2007).

Committee Member, UNC Faculty Senate - Faculty Welfare Committee. (2005 - 2007).

Committee Member, UNC Faculty Senate. (2005 - 2007).

Committee Member, Rocky Mountain Oracle User Group (RMOUG). (2005).

Committee Member, UNC Institutional Review Board. (2002 - 2005).

Committee Member, Graduate Council. (1997 - 2004).

Committee Member, NCA Criteria 2 sub-committee. (2002 - 2003).

Committee Member, Search Committee for Director of Sponsored Program. (2002 - 2003).

Committee Member, Administrative Council. (1998 - 2003).

Committee Member, Academic Culture Task Force Scholarship sub-commit. (1997 - 2002).

Committee Member, Academic Culture Task Force. (1997 - 2002).

Committee Member, UNC Computer Center Administrative Users Committee. (1994 - 2002).

Committee Member, Academic Technology Committee. (1993 - 2002).

Committee Member, Summer Faculty Research Review Committee. (2000).

Committee Member, Graduate Council-Standards sub-committee. (1997 - 1998).

Conference-Related, Decision Sciences Institute. (January 1997 - December 1997).

Committee Member, Strategic Planning Academic Programs Committee. (1994 - 1996).

Conference-Related, International Information Management Association. (1993 - 1996).

Conference-Related, Decision Sciences Institute. (1994 - 1995).

Committee Member, Committee of Chairs for Strategic Planning. (1993 - 1994).

Conference-Related, Decision Sciences Institute. (January 1993 - December 1993).

Faculty Sponsor, CMA Faculty Sponsor. (1991 - 1993).

College Service

Committee Chair, MCB Accreditation Committee. (June 2015 - Present).

Committee Member, MCB Accreditation Committee. (August 2014 - Present).

Committee Member, MCB Administrative Council. (March 2014 - Present).

Committee Member, MCB Deans Staff. (March 2014 - Present).

Committee Member, MCB General Faculty Meetings. (January 1991 - Present).

Committee Member, MCB Freshman Adviser Search Committee. (February 2017 - April 2017).

Committee Member, MCB Freshman Adviser Search Committee. (2016).

Committee Member, MCB Facilities and Technology. (September 2007 - November 2016).

Committee Member, MCB Director of Advising Search Committee. (April 2015 - May 2015).

Committee Member, MCB Director of Advising Search Committee. (2014).

Committee Member, Ad Hoc AACSB Committee. (September 2013 - August 2014).

Committee Member, AACSB Maintenance. (September 2010 - August 2013).

Committee Chair, Assurance of Learning. (September 2006 - August 2013).

MCB AACSB Assurance of Learning Coordinator. (September 2005 - August 2013).

Committee Member, MCB Assessment Council. (2011 - May 2013).

Committee Member, MCB Global Programs Committee. (2009 - 2011).

Committee Member, Software Engineering Program Taskforce. (2009 - 2010).

Committee Member, Deans Leadership Council. (September 2007 - August 2008).

Committee Chair, MCB Administrative Council. (September 2007 - August 2008).

Committee Member, MCB Curriculum. (September 2007 - August 2008).

Committee Member, MCB Deans Staff. (September 2007 - August 2008).

Committee Member, MCB Integration of Business Ethics Taskforce. (September 2006 - August 2007).

Committee Member, Performance Excellence Taskforce. (2006).

Committee Chair, MCB Curriculum. (September 2004 - August 2006).

Committee Member, MCB Administrative Council. (September 2000 - August 2004).

Committee Member, MCB Curriculum. (September 2000 - August 2004).

Committee Member, MCB Administrative Council. (2001 - 2003).

Committee Member, MCB Curriculum Committee. (2001 - 2003).

Committee Member, Baldrige Application Taskforce. (September 2002 - August 2003).

Committee Member, MCB Technology TaskForce. (2001 - 2002).

Committee Member, BACS 300 Task Force. (2000 - 2002).

Committee Member, MCB Search and Screen Committee. (1999 - 2002).

Committee Chair, MCB Faculty Affairs. (September 2000 - August 2001).

Committee Member, MCB Mission Review. (September 2000 - August 2001).

Committee Member, COBA Administrative Council. (1998 - 2000).

Committee Chair, Faculty Affairs Committee. (1993 - 2000).

Committee Member, COBA Technology Taskforce. (1997 - 1999).

Committee Member, COBA Curriculum Committee. (1997).

Committee Member, Robert G. Tointon Chair Search Committee. (1997).

Committee Member, COBA Database Selection Taskforce. (1991 - 1997).

Committee Member, COBA/DSC Taskforce. (1991 - 1997).

Committee Chair, Business Administration Unit for Strategic Plannin. (1993 - 1995).

Committee Member, Faculty Affairs Committee. (1992).

Department Service

Chairperson, CIS Search Committee. (August 2019 - Present).

Committee Member, CIS Advisory Board. (2011 - Present).

Committee Member, CIS Curriculum Committee. (1991 - Present).

Faculty Advisor, CIS Major Advising. (1991 - Present).

Committee Member, CIS Program. (1991 - Present).

Chairperson, CIS Search Committee. (January 2018 - May 2018).

Committee Member, CIS Search Committee. (August 2017 - December 2017).

Committee Member, CIS Search Committee. (November 2015 - March 2016).

Committee Member, CIS Search Committee. (December 2014 - April 2015).

Committee Chair, CIS Curriculum Committee. (1998 - 2003).

Committee Chair, CIS Department Chair. (1998 - 2003).

Committee Member, CIS Search Committee. (1997 - 2002).

Professional Service

Reviewer, Conference Paper, International Information Management Association. (March 2019 - July 2019).

Reviewer, Textbook, CRC Press. (November 9, 2018 - November 27, 2018).

Software Tester, MindJet Labs. (2010 - 2016).

Session Chair, International Information Management Association, Taipei. (September 17, 2016 - September 21, 2016).

Editor, Associate Editor, International Journal of Educational Organization and Leadership. (2014).

Reviewer, Book, Addison Wesley. (2013).

Software Tester, e-fence beta software tester. (2013).

Attendee, Meeting, Colorado Regional Assessment Committee. (February 2013).

Reviewer, Textbook, Pearson Publishing Co. (2012).

Reviewer, Journal Article, International Information Management Association. (2010).

Editor, Associate Editor, International Journal of Learning. (2010).

Committee Member, International Information Management Association. (1992 - 2010).

Software Tester, CodeLab Software beta testing. (2008 - 2009).

Software Tester, MetoCube Software. (2007).

Software Tester, MindJet Labs. (2006 - 2007).

Reviewer, Textbook, Thompson Publishers. (2006).

Other Professional Service Activities, CPEX Examiner, Denver, Colorado. (2005).

Committee Member, Information Resource Management Association. (2005).

Reviewer, Textbook, Prentice-Hall Publishers. (2005).

Reviewer, Textbook, Course Technology. (2004).

Committee Member, Information Resources Management Association. (2004).

Reviewer, Textbook, McGraw-Hill. (2004).

Reviewer, Journal Article, Mountain Plains Management Conference. (2004).

Reviewer, Textbook, Course Technology. (2002).

Reviewer, Textbook, Course Technology. (2002).

Other Professional Service Activities, International Information Management Association. (2002).

Reviewer, Journal Article, Southwestern Decision Sciences Institute. (2002).

Member, IEEE Computer Society. (1994 - 2002).

Reviewer, Textbook, Course Technology. (2001).

Editor, Journal Editor, Expert Systems. (2001).

Program Coordinator, International Information Management Association. (2001).

Other Professional Service Activities, International Information Management Association. (2000).

Member, ACM SIGCPR. (1997 - 2000).

Proceedings Technical Advisor, Accounting Information Systems Educator Conference. (1999).

Officer, President/Elect/Past, International Information Management Association. (1999).

Proceedings Technical Advisor, International Business Schools Computing Quarterly. (1998).

Officer, President/Elect/Past, International Information Management Association. (1998).

Reviewer, Journal Article, Decision Sciences Institute (DSI). (1997).

Officer, Vice President, International Information Management Association. (1997).

Reviewer, Journal Article, International Bus. School Com. Quarterly. (1996).

Program Coordinator, International Information Management Association. (1996).

Reviewer, Journal Article, Journal of International Information Management. (1996).

Reviewer, Journal Article, Omega: The International Journal of Management Sci. (1996).

International Information Management Association. (1995).

Reviewer, Textbook, Irwin Corporation. (1995).

Reviewer, Textbook, Irwin. (1995).

Reviewer, Textbook, Prentice Hall. (1995).

Reviewer, Textbook, Prentice Hall. (1995).

Reviewer, Journal Article, International Information Management Association. (1994).

Member, Decision Sciences Institute. (1992 - 1994).

Member, Association for Computing Machinery. (1991 - 1993).

Member, Data Processors Management Association. (1991 - 1993).

Public/Community Service

Other Community Service Activities, Boys Scouts of America. (2010).

Other Community Service Activities, CPEX Examiner. (2005).

Other Community Service Activities, Boy Scout Day Camp Counselor. (2004).

Other Community Service Activities, Boy Scout Day Camp Counselor. (1999 - 2002).

Consulting

For Profit Organization, David Herrera, Attorney at Law, Fort Collins Colorado. (August 2019).

For Profit Organization, David Herrera, Attorney at Law, Fort Collins Colorado. (2013).

For Profit Organization, A.C. Lutsby, Attorney at Law, Yuma Colorado. (2012).

Academic, Bang College of Business, KIMEP University, Almaty Kazakhstan. (2012).

For Profit Organization, Bauer & Furman Law, Greeley Colorado. (2012).

For Profit Organization, ClientSkills LLC. (2007).

For Profit Organization, The Cabinet Shop, Greeley, CO. (2001).

Non-Governmental Organization (NGO), North Colorado Family Medicine, Greeley, CO. (1993 - 1998).

For Profit Organization, Capital Asset Research Corporation, West Palm Beach, FL. (1995).

For Profit Organization, United Technologies Optical Systems, West Palm Beach, FL. (June 1989 - January 1991).

DEVELOPMENT ACTIVITIES ATTENDED

Workshop, "Forensic Toolkit 201," Access Data. (September 14, 2020 - September 18, 2020).

Workshop, "Windows 10 Forensics," Access Data. (February 18, 2020 - February 20, 2020).

Workshop, "FTK Registry," Access Data. (May 14, 2019 - May 16, 2019).

Workshop, "FTK PRTK," Access Data. (May 5, 2019).

Workshop, "Master Teacher Workshop," Greeley, CO, United States. (January 4, 2019).

Workshop, "FTK Intermediate," Access Data. (October 9, 2018 - October 11, 2018).

Conference Attendance, "AACSB International Conference," AACSB, Honolulu, HI, USA. (April 22, 2018 - April 25, 2018).

Conference Attendance, "AACSB International Conference," AACSB, Houston, TX, USA. (April 22, 2017 - April 25, 2017).

Conference Attendance, "AACSB Associate Deans Conference," AACSB, Kansas City, KS, USA. (October 2015).

Conference Attendance, "Annual AACSB Assessment Conference," AACSB, Austin, TX, USA. (March 2015).

Conference Attendance, "AACSB Annual Accreditation Conference," AACSB, San Antonio, TX, USA. (November 2014).

Conference Attendance, "AACSB Associate Deans Conference," AACSB, Baltimore, MD, USA. (September 2014).

Conference Attendance, "2014 HLC Annual Conference," Higher Learning Commission, Chicago, IL, USA. (April 2014).

Seminar, "AACSB Assessment Seminar," AACSB, New Orleans, LA. (March 2014).

Continuing Education Program, "SANS FOR-563 Mobile Forensics Course," SANS, Washington, District of Columbia. (December 2012).

Conference Attendance, "The Assessment Institute 2012," Office of Planning and Institutional Improvement at Indiana University–Purdue University, Indianapolis, Indiana. (October 2012).

Workshop, "HLC Academy Roundtable," Higher Learning Commission, Saint Charles, Illinois, USA. (June 2012).

Conference Attendance, "AACSB Assessment Conference," AACSB, Houston, Texas, USA. (March 2012).

Conference Attendance, "AACSB Assessment Conference," AACSB, Philadelphia, Pennsylvania. (September 2011).

Seminar, "AACSB Maintenance of Accreditation Seminar," AACSB, Tampa, FL, USA. (June 2011).

Conference Attendance, "AACSB International Conference & Annual Meeting," AACSB, New York, NY, USA. (April 2011).

Conference Attendance, "AACSB International Assessment Conference," AACSB, New York, New York, USA. (March 2010).

Conference Attendance, NCSU Assessment Symposium, Raleigh, North Carolina. (2009).

Conference Attendance, Quest for Excellence National Conference, Washington DC, District of Columbia. (2008).

Conference Attendance, AACSB International Conference, Honolulu, Hawaii. (2008).

Conference Attendance, AACSB Faculty Conference on Learning, St. Pete Beach, Florida. (2008).

Continuing Education Program, SANS SEC-508 Computer Forensics Course, Washington, District of Columbia. (2008).

Conference Attendance, AACSB Associate Deans and Innovative Programs Conference, Glendale, Arizona. (November 2008).

Conference Attendance, AACSB Continuous Improvement Conference, St. Louis, Missouri. (2007).

Conference Attendance, NCSU Assessment Symposium, Raleigh, North Carolina. (2007).

Conference Attendance, AACSB Associate Deans Conference, Tampa, Florida. (2007).

Conference Attendance, AACSB International Conference, Tampa, Florida. (2007).

Workshop, AACSB Applied Assessment Seminar, Denver, Colorado. (2006).

Workshop, AACSB Assessment Seminar, Tampa, Florida. (2006).

Tutorial, "Rocky Mountain Oracle Users Group Training Days," Denver, Colorado. (2005).

Workshop, "CPEX Training," Denver, Colorado. (2005).

Tutorial, "Rocky Mountain Oracle Users Group Training Days," Denver, Colorado. (2004).

Seminar, "Rocky Mountain Oracle Users Group (Feb)," Denver, Colorado. (2003).

Seminar, "Rocky Mountain Oracle Users Group (May)," Denver, Colorado. (2003).

Seminar, "Rocky Mountain Oracle Users Group (November)," Denver, Colorado. (2003).

Tutorial, "Macromedia Web-Design Training session," Denver, Colorado. (2003).

Seminar, "Maximum Impact Living Leadership Conference," Denver, Colorado. (2002).

Seminar, "Rocky Mountain Oracle Users Group (August)," Denver, Colorado. (2002).

Seminar, "Rocky Mountain Oracle Users Group (May)," Denver, Colorado. (2002).

Seminar, "Rocky Mountain Oracle Users Group (November)," Denver, Colorado. (2002).

Tutorial, "Visual Basic .Net Training Session," Littleton, Colorado. (2002).

Seminar, "Rocky Mountain Oracle Users Group (August)," Denver, Colorado. (2001).

Seminar, "Rocky Mountain Oracle Users Group (February)," Denver, Colorado. (2001).

Seminar, "Rocky Mountain Oracle Users Group (May)," Denver, Colorado. (2001).

Seminar, "Rocky Mountain Oracle Users Group (November)," Denver, Colorado. (2001).

Seminar, "Sun Government Technology Seminar," Denver, Colorado. (2001).

Seminar, "Oracle Seminar Series," Denver, Colorado. (2000).

Seminar, "Oracle Seminar Series," Denver, Colorado. (1999).

Tutorial, "Microsoft Direct Access Briefing," Aurora, Colorado. (1999).

Seminar, "Oracle Seminar Series," Denver, Colorado. (1998).

Tutorial, "Microsoft Direct Access Briefing," Aurora, Colorado. (1998).

Seminar, "Rocky Mountain Internet Expo," Denver, Colorado. (1997).

Seminar, "InfoCom '95," Denver, Colorado. (1995).

Tutorial, "Borland Client/Server Solutions with Delphi seminar," Denver, Colorado. (1995).

Seminar, "Microsoft Access seminar," Denver, Colorado. (1994).

Seminar, "PowerBuilder Client/Server seminar," Denver, Colorado. (1994).

Tutorial, "Borland High Performance Client/Server seminar," Denver, Colorado. (1994).

Tutorial, "dBase for Windows Technology Transfer Seminar Series," Denver, Colorado. (1994).

Tutorial, "Microsoft Visual Basic seminar," Denver, Colorado. (1994).

Tutorial, "Sybase Enterprise Client/Server Seminar," Denver, Colorado. (1994).

Seminar, "InfoCom '93," Denver, Colorado. (1993).

Seminar, "Neuron Data Seminar," Denver, Colorado. (1993).

Seminar, "Object Design Seminar," Denver, Colorado. (1993).

Seminar, "Oracle Seminar Series," Denver, Colorado. (1993).

Seminar, "Uniface Client-Server Seminar," Denver, Colorado. (1993).

Seminar, "InfoCom '91," Denver, Colorado. (1991).

Seminar, "Ingress Seminar," Dallas, Texas. (1990).

AWARDS AND HONORS

Scholarship/Research

'Best Paper of Conference' Award for the 21st Annual Conference of the IIMA, International Information Management Association. (October 2011).

MCB banner bearer in the Spring Graduation ceremony, Monfort College of Business. (2004).

Distinguished Scholar Award for the 2000-2001 academic year, University of Northern Colorado. (2000).

MCB banner bearer at commencement ceremonies for the 2000-2001 academic year, Monfort College of Business. (2000).

Scholar of the Year for the 1999-2000 academic year, Monfort College of Business. (1999).

Recognized, along with Dr. Tod Sedbrook and Dr. Charmayne Cullom for scholarly accomplishments, COBA & Graduate School. (1997).

COBA banner bearer at the Spring 1995 and Summer 1995 commencement ceremonies., COBA. (1995).

COBA Scholar of the Year 1993-1994, COBA. (1994).

\$6,500 research grant, UNC Research Corporation. (1993).

\$500 Research Grant, Research Assistance Award. (1992).

COBA Summer Research Award, College of Business Administration. (1991).

Outstanding Graduate Information Systems Student 1983-1984, University of Colorado. (May 1984).

Service

Fellow of the International Information Management Association, International Information Management Association. (September 29, 2016).

Selected as UNC Advisor of the Year, University of Northern Colorado. (May 2010).

Selected to participate in the SANS Mentor program, SANS Organization. (May 2008).

Excellence in Faculty Service Award, University of Northern Colorado. (May 2006).

Teaching

CIS Professor of the Year award, Monfort College of Business. (May 2014).

Selected as co-recipient of the CIS Professor of the Year award, Monfort College of Business. (May 2011).

CIS Professor of the year award, Monfort College of Business. (May 2010).

CIS Professor of the year award, Monfort College of Business. (May 2004).

UNC Academic Excellence Award for Teaching Excellence in Undergraduate Education award,
University of Northern Colorado. (2002).

PROFESSIONAL MEMBERSHIPS

ACM. (January 2019 - January 2020).

IEEE. (January 2019 - January 2020).