

SCOTT J. AMOS, PhD

Addresses

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Leadership Positions and Accomplishments

Graduate Programs Coordinator, Department of Civil and Environmental Engineering,

South Dakota School of Mines and Technology, 7/09 to present:

Academic department of approximately 45 graduate students, 213 undergraduates, and 12 faculty. Specific accomplishments include:

- Program Coordinator for graduate programs including the Master of Science in Construction Management and the Master of Science in Civil and Environmental Engineering.
- Launched the institutions first on-line master's degree and led the development of associated policies in compliance with federal law, regulations and nationally recognized best practices.
- As member of the university and department curriculum committees reviewed numerous program and course proposals for compliance with system policies and state guidelines, and coordination with accreditation criteria.
- As the department accreditation and continuous improvement coordinator developed self-study and assessment plans around nationally recognized best practices.
- As a member of the council for graduate education influenced the development of institutional policy recognizing the emergence and strategic value of professional master's degree programs.
- As a member of the distance learning advisory committee paved the way for adoption of nationally recognized best practices in distance education.
- Effectively implemented system supported technology to deliver blended course offerings enabling the concurrent live, synchronous and asynchronous on-line delivery using D2L and Blackboard Collaborate technologies.
- Member of the development and facilitation team for the university's Best Hiring Practices workshop in conjunction with the Human Resources Office. The goal of this project was to improve the diversity of new hires to the university.
- Completed Sloan Consortium Online Teaching Certificate. Implemented best practices in the development of online graduate program.
- Recipient of the 2011 Virginia Simpson Community Service Award, South Dakota School of Mines and Technology.
- Developed and coordinate department co-op/internship program to strengthen ties with industry.
- Increased discretionary revenue into the department by approximately \$30,000 per year through delivery of online courses.

Volunteer, Employer Support of the Guard and Reserve (ESGR), South Dakota State Committee, 1/10 to present:

Committee consists of 50 volunteers and 4 professional staff serving the needs of over 4,400 South Dakota service members and their employers. Specific accomplishments include:

- As a member of the National Training Subcommittee served in an advisory capacity to the Assistant Secretary of Defense (ESGR) on operations, organization, and policy related issues.
- As a member of the South Dakota Executive Committee developed and executed the goals of the committee strategic plan.
- As the state Training Director developed training materials for volunteers, service members, and employers.
- As the Black Hills Area Chair responsible for influencing over 800 South Dakota Employers and almost 2000 South Dakota service members.
- As the Employer Outreach Director recognized as the Central Region (14 states) Volunteer of the Year for 2012 for my efforts.
- As a trained ombudsman, I have successfully mediated multiple cases and responded to inquiries related to employer/employee issues under the Uniformed Services Employment and Re-employment Rights Act.

Provost/Vice President for Academic Affairs, Lake Superior State University, 4/08 to 5/09: Interim President, 6/09

Public University with 160 faculty and staff, 2500 students in 60 baccalaureate programs, and an annual academic affairs budget in excess of \$18 million. Specific accomplishments include:

- Initiated transparent decision making processes while working effectively with the President's Cabinet to address challenges in leadership, strategic planning, financial planning, shared governance issues, and accreditation readiness.
- Engaged faculty and staff in the improvement of critical academic processes such as shared governance, strategic planning, financial readiness, and assessment in preparation for reaccreditation by the Higher Learning Commission.
- Advanced LSSU's mission to provide academic excellence, community service, and support for economic development and growth of the region and state by providing leadership, encouragement and support for the development of innovative new academic programs, expanded regional centers, charter schools, and the establishment of a "Smartzone" in conjunction with the City of Sault Ste. Marie and the Michigan Economic Development Commission.
- Established myself as a trusted advocate for faculty, staff and students. Improved communication and working relationship with faculty and staff in a collective bargaining environment by establishing a committee that led to the formulation of a shared governance structure and plan.
- Led the University through successful reaccreditations for nursing, fire science and athletic training programs.
- Established Office of Sponsored Programs to support faculty and staff efforts to increase revenues through increased grants and contracts activity.

- Promoted the teacher-scholar model to enhance faculty development and capitalize on LSSU's hallmark undergraduate research program that combines strong theoretical background in the classroom, hands-on and design experience in state-of-the-art labs and studios, and solutions to real-world problems.
- Upgraded distance learning technologies to support faculty interest in the use of blended learning.

Dean, School of Technology, Michigan Technological University, 6/04 to 4/08

Dean of Distance Learning, 6/04 to 9/05:

School of approximately 33 faculty/staff and 500 students in six different baccalaureate programs with an annual budget in excess of \$2.2 million. Specific accomplishments include:

- Academic Dean with responsibilities for accreditation, budgets, space utilization, resource allocation, faculty hiring, and development.
- Enabled a faculty driven planning process resulting in the improved alignment between the School and the University strategic plan. Developed consensus among faculty and staff for significant redefinition of appointment, promotion and tenure requirements; major revision of the unit bylaws; and development of a comprehensive professional development plan for all faculty and staff.
- Promoted and enhanced the diversity of school faculty, staff, and students. Fifteen of the twenty hires during my tenure contributed to increased diversity of the faculty and staff. 2008 data indicated a 50% increase in the number of female student applicants accepted into our programs over 2007 numbers and we also experienced steady growth (35%) in minority applications. The number of female student applicants for academic programs more than doubled during my four years as Dean.
- Coordinated the development of a facilities utilization plan to support a lab intensive curriculum while ensuring effective deployment of limited resources.
- In cooperation with other Deans, faculty, and staff, developed interdisciplinary education and research programs. This resulted in increased student participation in a newly established leadership institute, enterprise, and honors programs. Faculty benefited from increased opportunities to collaborate with peers in other departments thus increasing scholarly activities and research expenditures.
- Oversaw the re-staffing of the School with academically qualified faculty to support the transition from associate to baccalaureate and graduate degree programs. This included hiring of more than half of the faculty and staff due to transfers and retirements.
- Developed and began implementation of performance-based measures to enhance the reputation of the School of Technology as indicated by appropriate metrics.
- Directed curricular improvement initiative to provide dynamic experiential learning integrating instruction, research and innovation in undergraduate and graduate programs. This included implementation of three new undergraduate programs, the preliminary development of graduate degrees and certificates, and accreditation activities of three programs including construction management, computer network system administration, geospatial technologies, and industrial technology.

- Encouraged and supported increased faculty involvement in development activities resulting in a 50% increase in the School endowment. Annual giving increased from less than \$100,000 to over \$1 million during my tenure.
- Led the planning, preparing and successfully execution of Accreditation Board for Engineering and Technology (ABET) and HLC/AQIP regional accreditation activities while initiating preparation for American Council for Construction Education (ACCE) accreditation.

Head, Industrial Management Department, College of Business Administration, Missouri State University, 6/00 to 6/04:

Department of approximately 16 faculty/staff and 250 students in three different baccalaureate programs with an annual budget in excess of \$1 million. Specific accomplishments include:

- Department Head with responsibilities for accreditation, curriculum, faculty development, space utilization, resource allocation, and fund-raising.
- Led strategic planning process resulting in the complete redefinition of a struggling technology department; developed and strengthened undergraduate and graduate programs to regain accreditation; established new identity and coordinated reassignment of the department from the College of Natural and Applied Sciences to the College of Business Administration.
- Responsible for planning, preparing and successfully executing National Association Of Industrial Technology (NAIT) and American Council for Construction Education (ACCE) accreditation activities.
- Responsible for course scheduling, curriculum coordination, and new course development.
- Addressed declining trend in program enrollment by eliminating low demand programs and focusing resources on programs that better served the needs of external constituents.
- Developed certificates at the graduate and undergraduate level to successfully stimulate program growth. Graduate certificates in project management and technology management effectively transcended departmental and college boundaries while serving as areas of emphasis in MBA and MSAS degree programs and have since evolved into a PMI certified degree.
- Coordinated the development of an online degree completion program and taught online courses. Technology Management undergraduate degree program facilitated seamless transfer for students with AAS or AS degrees.
- Established articulation plans for twenty one community/junior colleges.
- Successfully recruited well qualified faculty capable of immediately contributing to the improvement of the department.
- Effectively managed curriculum while increasing faculty teaching productivity.
- Coordinated a plan that significantly increased department faculty scholarly activity.
- Increased revenue into the department by \$15,000 per year through distance learning partnership with Continuing Education.
- Awarded \$32,000 University grant for equipping computer classroom, 2001.
- Awarded \$7,000 Faculty Research grant to integrate concrete field testing certification program into curriculum, 2001.
- Served as Co-PI on NSF CCLI-A&I grant, "Computer Integrated Manufacturing Outreach Laboratory", August 03 (\$120K).

- As Director for the Center for Industrial Productivity facilitated unprecedented collaboration between colleges and served as a faculty associate on the grants from the Office of Naval Research and the Missile Defense Agency in cooperation with the Center for Applied Science and Engineering (CASE).

Associate Professor, Construction Management Technology, College of Applied Science and Technology, Weber State University, 3/97 to 6/00:

Academic program with 1 full-time faculty, 3 adjuncts, and 90 students during my tenure. Specific accomplishments included:

- Program Coordinator/Founding Professor for new AAS and BS programs.
- Responsible for course scheduling, curriculum coordination, and new course development.
- Responsible for planning, preparing and successfully executing American Council for Construction Education (ACCE) accreditation activities.
- Successfully solicited funds from industry including a \$1 million planned gift and projected gift income in excess of \$50,000 per year.
- Responsible for student recruitment, 100+ students enrolled in the program within first three years.
- Responsible for recruiting two new faculty and six adjunct instructors.
- Assumed leadership role in development of a formal assessment program for a department comprised of five programs.
- Awarded the 1999 Lowe Innovative Teaching Award.
- Developed and taught 5 online courses.
- Established articulation agreements with two community/junior colleges.

Assistant Professor, Construction Engineering Technology, School of Technology, Pittsburg State University, 8/94 to 3/97:

Faculty and then program coordinator with responsibility for accreditation, course scheduling, curriculum coordination, new course development, and management of a modest program budget.

- Responsible for recruiting activities. Initial enrollment of 90 students increased to 123 during my tenure.
- Responsible for planning, preparing and executing ABET accreditation activities.
- Responsible for coordinating the activities of three full-time and two part-time professors.
- Responsible for lecturing and preparation of graduate and undergraduate courses in the Construction Engineering Technology area.
- Developed a graduate level value engineering course which became the first collegiate program in the nation to be accepted for professional certification criteria by the Society of American Value Engineers.
- Conducted accreditation visits as member of American Council for Construction Education (ACCE) visiting team.
- Designated Examining PE for the American Concrete Institute Field Testing Technician certification program. Conducted two exams per year for students and industry.

- Faculty advisor for Associated General Contractors Student Chapter.
- Collected over \$30,000 of in-kind donations from industry.
- Performed sponsored research for the Kansas Electric Utility Research Program on projects #KRD 9432, *Feasibility Study For a Campus Transportation System* (\$25,000) and #KRD 9521, *Electric Transit Vehicle Value Analysis Guidelines: Development and Application* (\$25,000).
- Awarded proposal development grants by the PSU Advisory Council on Research and Scholarship (\$1400 each year 1995 and 1996).

Related Leadership and Administrative Experience

Naval Facilities Engineering Command, Civil Engineer Corps, United States Navy

1990 - 1992	Resident Officer in Charge of Construction, Subic Bay, Philippines; US Government contracting Officer in accordance with Federal Acquisition Regulations. Directed construction contract administration activities, staff training program, evacuation and disaster recovery operations subsequent to the eruption of Mt. Pinatubo in 1991.
1987 - 1990	Program Manager, Pacific Programs Officer, Commander Construction Battalions, US Pacific Fleet, Pearl Harbor, Hawaii; Managed a multi-year construction program spanning the entire Pacific theater and Indian Ocean. Coordinated deploying unit operational commitments with technical training.
1985 - 1987	Company Commander and Training Officer, Naval Mobile Construction Battalion Forty, Port Hueneme, California; Directed pre-deployment training program and managed construction projects in Japan, Okinawa, Spain, England, Scotland, and Bermuda.
1982 - 1984	Director of Public Works, Naval Security Group Activity Hanza, Okinawa, Japan. US Government contracting Officer in accordance with Federal Acquisition Regulations. Directed facilities construction, maintenance and management program for the National Security Agency.
1979 - 1982	Assistant Resident Officer in Charge of Construction, Yokosuka, Japan. US Government contracting Officer in accordance with Federal Acquisition Regulations. Administered construction contracts performed by local national workforce.
1978 - 1979	Naval Flight Officer, various locations. Weapons system officer and navigator for A6 Intruder flying off the aircraft carrier USS Midway.

Academic Employment History

2009 – Pres	South Dakota School of Mines and Technology, Rapid City, SD • Graduate Program Coordinator, Department of Civil and Environmental Engineering • Professor
2008 – 2009	Lake Superior State University, Sault Ste Marie, MI • Interim President • Provost/Vice President for Academic Affairs

- 2004 – 2008 Michigan Technological University, Houghton, MI
- Professor and Dean, School of Technology
 - Graduate Faculty
 - Dean of Distance Learning (04 – 05)
- 2000 – 2004 Missouri State University, Springfield, MO
- Professor and Head, Department of Industrial Management, College of Business Administration
 - Director, Center for Industrial Productivity
 - Graduate Faculty
- 1997 - 2000 Weber State University, Ogden, UT
- Associate Professor and Program Coordinator, Construction Management Technology, Department of Manufacturing and Mechanical Engineering Technology, College of Applied Science and Technology
- 1994 – 1997 Pittsburg State University, Pittsburg, KS
- Assistant Professor and Program Coordinator, Construction Engineering Technology, Department of Engineering Technology, School of Technology
 - Graduate Faculty
- 1992 - 1994 University of Florida, Gainesville, FL
- Graduate Teaching Assistant Department of Civil Engineering
 - Graduate Research Assistant Department of Civil Engineering
- 1990 - 1992 University of Maryland, Asian Division
- Adjunct Instructor, Subic Bay, Philippines

Education

- Doctor of Philosophy, Civil Engineering, University of Florida, 1994
- Command and Staff Course, United States Naval War College, 1989
- Master of Science in Electrical Engineering, Georgia Institute of Technology, 1985
- Bachelor of Science in Electrical Engineering, University of Utah, 1977

Professional Registration/Certifications

- Professional Engineer - Minnesota License Number 016545
- Certified Professional Constructor - No. 587 (inactive)
- Sloan Consortium Online Teaching Certificate
- Mediator Certification

Selected Honors and Awards

- 2013 Central Region Employer Outreach Volunteer of the Year, Employer Support of the Guard and Reserve (ESGR)
- 2013 Brian D. Dunfield Educational Service Award, AACE International
- 2013, 2012, 2011, 2010 Presidential Volunteer Service Award
- 2011 Spirit of Volunteerism Award, SD Employer Support of the Guard and Reserve (ESGR)
- 2011 Virginia Simpson Community Service Award, South Dakota School of Mines and Technology
- 2010 Volunteer of the Year, SD Employer Support of the Guard and Reserve (ESGR)
- 2007 Outstanding Professor of Industrial Technology, National Association of Industrial Technology (NAIT)
- 2006 Service Award, for service as University Division President National Association Of Industrial Technology (NAIT)
- 2003 Total Cost Management Award, AACE International
- 2001 Exemplary Initiate, Epsilon Pi Tau,
- 2000 Hemingway Faculty Vitality Award, Weber State University
- 1999 Lowe Innovative Teaching Award, Weber State University
- 1998 Hemingway Faculty Vitality Award, Weber State University
- 1997 Campus Representative Outstanding Achievement Award recipient for ASEE Midwest Section
- 1996 Campus Representative Outstanding Achievement Award recipient for ASEE Midwest Section
- 1993, Tau Beta Pi, National Engineering Honor Society
- 1984, Engineer of the Year, Pacific Division, Naval Facilities Engineering Command

Selected Community and Professional Service

- Employer Support of the Guard and Reserve (ESGR), National Committee, Training Subcommittee member, 2012 – present (Assistant Secretary of Defense appointment)
- Employer Support of the Guard and Reserve (ESGR), SD Executive Committee, Employer Outreach Director, Training Director, State Committee, Black Hills Area Chair, 2010 - present
- US Green Building Council (USGBC) SD Chapter, Board of Directors, Vice Chair, Education Chair, 2010 - 2012
- Rapid City Economic Development and Civic Improvements Fund, Vision 2012 Phase IV, Municipal Infrastructure Project Selection Committee Chair, 2010
- Rapid City Rotary, Board of Directors, 2010
- Invited Proposal Review, U.S. Department of Homeland Security (DHS) Science, Technology, Engineering, and Math, 2009
- Guidance Committee, American Council for Construction Education (ACCE), 2007 - 2008
- Invited Proposal Review, U.S. Department of Homeland Security (DHS) Center of Excellence for Explosives Detection, Mitigation, and Response, 2007

- White Paper Review, U.S. Department of Homeland Security (DHS) Center of Excellence for Explosives Detection, Mitigation, and Response, 2007
- Member, Keweenaw Economic Development Alliance, 2004 – 2008
- Judge, National Competition, Junior Engineering Technical Society (JETS), National Engineering Design Challenge (NEDC), 2004 - 2008
- President, National Association Of Industrial Technology (NAIT), University Division, 2005 – 2006
- Executive Committee, National Association Of Industrial Technology (NAIT), 2005 - 2006
- Board of Visitors, American Council for Construction Education (ACCE), 1996 - 2008
- President-elect, National Association Of Industrial Technology (NAIT), University Division, 2004 - 2005
- Director, Region 4, National Association Of Industrial Technology (NAIT), University Division, 2002 – 2004
- Co-chair, AACE International Education Board, 2002 - 2004.
- Executive Board, Center for Construction Excellence, University of Missouri at Kansas City, 2002 - 2004
- Chair Facilities Committee, Discovery Center of Springfield, 2001 - 2003
- Board of Directors, Discovery Center of Springfield, 2001- 2003
- Member, Springfield Chamber of Commerce, Workforce Development Taskforce, 2001
- Member, Rotary Club, Springfield, Missouri, 2000 - 2003
- Planning Committee Member, Springfield Contractors Association, Salute to Construction, 2000 – 2002
- Member, Exchange Club, Ogden, Utah, 1998 - 2000
- Construction Technical Committee Member, Utah Transportation Research Advisory Council, 1997 – 2000
- Technical Committee Member, Kansas Electric Utility Research Program (KEURP), 1994 - 1996
- Coordinator, Kansas State Competition Junior Engineering Technical Society (JETS), National Engineering Design Challenge (NEDC), 1994 - 1996
- Campus Rep, American Society for Engineering Education (WSU and PSU)
- Chairman, AACE International General Construction Committee, 1994

University Committees and Service

- SDSMT Distance Education Advisory Committee, member, 2012 - present
- CEE Faculty Search Committee, member, 2012-2013
- CEE Faculty Search Committee, chair, 2011-2012
- CEE Department ABET Accreditation/Assessment, coordinator, 2010 - present
- SDSMT Best Hiring Practices Workshop, facilitator, 2010 - 2013
- SDBOR Elluminate Evaluation Committee, member, 2010 – 2011
- SDSMT University Curriculum Committee, member 2010 – present
- SDSMT Council on Graduate Education, member, 2010 - 2013
- SDSMT Admissions Committee, member, 2009 - present
- SDSMT Graduate Education Task Force, member, 2009-2010
- SDSMT Provost Search Committee, member, 2009

- SDSMT Civil and Environmental Engineering Department Head Search Committee, member, 2009-2010
- MTU Strategic Faculty Hiring Initiative, committee member, 2007 - 2008
- MTU School of Business and Economics Dean search committee, 2007
- Center for Technological Innovation, Leadership and Entrepreneurship (CenTILE), Advisory Board, member, 2006 - 2008
- MTU Classroom Technology Committee, member, 2006 - 2007
- MTU Technological Leadership Task Force, member, 2005- 2008
- MTU Enterprise Program Governing Board, member, 2005- 2008
- MTU Tuition and Financial Aid Advisory Team, member, 2004 – 2007
- President, National Association Of Industrial Technology (NAIT), University Division, 2005 – 2006
- MTU Distance Learning Implementation Committee, chair, 2004 - 2005
- Faculty Senate, Weber State University, 1999 - 2000
- Associated General Contractors Student Chapter (SMSU, WSU and PSU), Faculty Advisor, 1994 - 2001
- National Association of Homebuilders (NAHB) Student Chapter, (SMSU and WSU), Advisor, 1997 - 2002
- Institutional Assessment Committee, Pittsburg State University
- Technology Curriculum Committee, Pittsburg State University
- School of Technology Dean's Advisory Council, Pittsburg State University
- Graduate Committee, Pittsburg State University

Professional Affiliations Past and Current

- Sloan Consortium
- US Green Building Council (USGBC)
- American Council for Construction Education (ACCE)
- American Institute of Constructors (AIC)
- American Society for Engineering Education (ASEE)
- American Society of Civil Engineers (ASCE)
- Association for the Advancement of Cost Engineering International (AACE)
- SAVE, the Value Engineering Society
- American Association for Higher Education (AAHE)

Publications

- Amos, S. J., *Skills and Knowledge of Cost Engineering, 6th Ed., Chapter 27 Engineering Economics and Financial Analysis*, AACE International, 2013
- Amos, S. J., *Certification Study Guide, Engineering Economics and Financial Analysis*, AACE International, 2013
- Wanless, L., Irwin, J., Wanless, D. and Amos, S., *To Build a Better Bottle Opener: Interweaving a project through the Engineering Technology Curriculum*, ASEE Annual Conference Proceedings, 2008
- Amos, Scott J., *Tips for Leading Troubled Departments*. Invited article specifically for the ACE Department Chair Online Resource Center, 2007.

- Alaraje, N., Amos, S., DeGroat, J., *A Re-Configurable SoFPGA Architecture Design – Learning Tool*, ASEE Global Colloquium on Engineering Education, Rio de Janeiro, Brazil, August 2006.
- Hembroff, G., Amos, S. J., *Developing A Win-Win Environment With Service-Learning*, ASEE Annual Conference Proceedings, 2006
- Amos, S. J., Powers, M.N. and Hembroff, G., *The Enterprise Program: A Vertically Integrated Engineering Technology Curriculum*, ASEE Annual Conference Proceedings, 2006
- Alaraje, A., Amos, S. J., *A Re-Configurable SOFPGA Architecture: The FPGA Design Learning Tool*, ASEE Annual Conference Proceedings, 2006
- Amos, S. J., *An Overview of Green Building Design and Leadership in Energy and Environmental Design (LEED)*, National Association Of Industrial Technology 37th Annual Convention Proceedings, Louisville, KY, 2004.
- Amos, S. J., Editor, *Skills and Knowledge of Cost Engineering*, 5th Ed., AACE International, July 2004
- Callahan, R. Strong, S., and Amos, S. J., *Enhancing Entry Level Skills in Quality Assurance: An Industry Perspective*, Journal of Industrial Technology, 2004.
- Callahan, R., and Amos, S. J., *Developing Practical Skills for Quality Assurance and Metrology Applications in Manufacturing*, ASEE Annual Conference Proceedings, 2004
- Hawkins, R. and Amos, S. J., *Strategies for Managing Innovative Technology: A Course Development Model*, National Association Of Industrial Technology 36th Annual Convention Proceedings, Nashville, TN, 2003
- Amos, S. J., Strong, S., and Callahan, R., *An Integrative Approach to Curriculum Reform and Department Reorganization*, National Association Of Industrial Technology 36th Annual Convention Proceedings, Nashville, TN, 2003
- Callahan, R., Amos, S. J., and Strong, S., *Industry Driven Applications in Quality Course Development*, National Association Of Industrial Technology 36th Annual Convention Proceedings, Nashville, TN, 2003
- Strong, S., Amos, S. J. and Callahan, R., *Effective Assessment, A Model for Industrial Technology Programs*, Journal of Industrial Technology
- Amos, S. J. and Hawkins, R., *The Assessment Odyssey and Quest for Accountability*, National Association Of Industrial Technology 34th Annual Convention Proceedings, Dearborn, MI, 2001
- Amos, S. J., *Skills and Knowledge of Cost Engineering*, 4th Ed., Ch 21-22, *Engineering Economics*, AACE International, 1999
- Amos, S. J., *Assessment Techniques for Industry Desired Competencies in Construction Education*, ASEE Annual Conference Proceedings, 1998
- Amos, S. J., *Electric Transit Vehicle Value Analysis Guidelines: Development and Application*, Kansas Electric Utility Research Program, December 1996
- Ellis, R. and S. Amos, *Development of Workzone Lighting Standards for Nighttime Highway Work*, Transportation Research Record No. 1529, National Research Council, National Academy Press, Washington D.C., 1996
- Amos, S. J., *VE in the College Curriculum*, Society of American Value Engineers Proceedings, 1996
- Amos, S. J., Backes, R., and Ibeh, C., *A Student-Oriented Fuel Cell Project At Pittsburg State University*, ASEE Midwest Conference Proceedings, 1996
- Amos, S. J., *Value Engineering: An Interdisciplinary Graduate Class*, ASEE Midwest Conference Proceedings, 1996
- Amos, S. J. and I. Wirth, *Distance Learning for Project Management*, AACE International Transactions, 1996

- Amos, S. J., *VE Applied to Transit System Development*, AACE International Transactions, 1996
- Amos, S. J., Nelson, D., Niyamanusorn, C., Reineke, M., *Feasibility Study For a Campus Transportation System*, Kansas Electric Utility Research Program, November 1995
- Ellis, R., Z. Herbsman, S. Amos, and A. Kumar, *Illumination Guidelines for Nighttime Highway Work*, Engineering and Industrial Experiment Station, University of Florida, March 1995
- Ellis, R., B. Dewitt, S. Amos, R. Helmerick, and Y. Huang, *Evaluation of Roadway Lighting Design Criteria*, Engineering and Industrial Experiment Station, University of Florida, December 1994
- Amos, S. J., *Controlling Costs in Crisis With Contracts*, AACE International Transactions, 1994
- Amos, S. J., *Crisis Contracting*, Engineering Management Journal, Vol. 5, No. 4, December 1993
- Amos, S. J., *Construction Engineering and Management in Civil Engineering Education: Are We Adequately Preparing Undergraduates?*, ASEE Annual Conference Proceedings, 1993

Relevant Professional Development Activities

- ABET Institute for the Development of Excellence in Assessment Leadership (IDEAL); January 2013
- Sloan Consortium Online Teaching Certificate Program; April 2011
- IMPACT Leadership Training, ESGR; May 2010
- ABET Sustainable Assessment Workshop; November 2010
- LEED Fundamentals Course; October 2009
- Higher Learning Commission Annual Meeting and Workshops; 2009, 2007, 2005
- American Center for Conflict Resolution Institute, Mediator Certification Training Program; December 2007
- American Council for Education (ACE), Deans and Chairs Workshop; July 2007
- CASE Development Workshop; 2006
- Accreditation Team Training, ACCE; 2006
- Quality Management Introduction; 2006
- Communication & Leadership; 2006
- Labor Productivity Loss; 2006
- Mediation: A Brief Overview; 2006
- Effective Public Relations; 2006
- Finance & Accounting for the Non-Financial Manager; 2006
- 7 Steps to Mastering Time; 2006