

John Jeffrey Hannon

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Credentials:

CEP, Certified Estimating Professional, AACE International, 2007.
M.S., Construction Administration, University of Oklahoma, 1998.
B.S., Construction Management, Oklahoma State University, 1987.

Summary of Industrial Experience:

2003-present: Associate Professor, School of Construction, The University of Southern MS.
1999-2003: Consultant and Senior Engineer, Hard Dollar Corporation, Tempe, AZ.
1997-1999: Chief Estimator/Cost Accountant, MidSouth Pavers, Inc., Davis, OK.
1995-1997: Assistant Superintendent, Western Plains Construction Co., Inc., Lincoln, NE.
1992-1995: Chief Estimator, Pavers, Inc., Davis, OK.
1990-1992: Estimator, Southwest Paving Co., Inc., Oklahoma City, OK.
1987-1990: Quantity Surveyor/Contract Administrator, Brigham & Day Paving Co., Inc., Rockville, MD.
1982-1986: Concrete Crewman, Canam Construction Co., Inc., Edmond, OK.
1979- 1980: Framing, Single-Family Housing, HODA Corporation, McLean, VA.

Refereed Proceedings Papers Published and Presented:

Hannon, J. J., and Townes, D. 2007 "GPS Utilization Challenges in Transportation Construction Project Delivery." *Royal Institute of Chartered Surveyors COBRA 2007 Annual Research Conference*, Atlanta, GA.

Hannon, J. J. 2006 "Construction Management Program Curriculum Content Derived from Industrial Workflow Processes." *American Society of Engineering Education Southeast Section Conference*, Tuscaloosa, AL.

Hannon, J. J. 2006 "Information Foraging and Extraction Techniques for Internet-Based Literature and Data." *Associated Schools of Construction 42nd Annual Conference and Proceedings*, Ft. Collins, CO.

Hannon, J. J. 2005 "A Case for OpenOffice.org in Construction Management Curricula." *Associated Schools of Construction 41st Annual Conference and Proceedings*, Cincinnati, OH.

Hannon, J. J. 2005 "Estimating Problems in Heavy-Civil Construction Organizations." *Association for the Advancement of Cost Engineering, International 49th Annual Meeting*, New Orleans, LA.

Hannon, J. J. 2005 "Instructor Utilization of the Tablet PC in the Construction Classroom." *Associated Schools of Construction 41st Annual Conference and Proceedings*, Cincinnati, OH.

Hannon, J. J. 2004 "Open Source Software Defined with Considerations for Use in the Construction Contractor's Office." *Associated Schools of Construction 40th Annual Conference and Proceedings*, Provo, UT.

Non-Refereed Proceedings Papers Published and Presented:

Hannon, J. J. 2007 "Estimator's Functional Role Change with BIM." *Association for the Advancement of Cost Engineering, International 51st Annual Meeting*, Nashville, TN.

Hannon, J. J. 2006 "Authentic Community Applied to A/E/C." *Association for the Advancement of Cost Engineering, International 50th Annual Meeting*, Las Vegas, NV.

Hannon, J. J. 2006 "Historical Data Practices of Construction Contractors." *Association for the Advancement of Cost Engineering, International 50th Annual Meeting*, Las Vegas, NV.

Refereed Monographs/Manuscripts Published:

Hannon, J. J., and Sulbaran, T. (2008). *National Cooperative Highway Research Program Synthesis 385-Information Technology for Efficient Project Delivery*, 0-309-09812-0, Transportation Research Board, The National Academies, Washington, D.C.

Hannon, J. J. (2008). *Professional Practice Guide No. 19: Leadership and Management of People*, 978-1-885517-66-1, AACE International, Morgantown, WV.

Hannon, J. J. (2007). *National Cooperative Highway Research Program Synthesis 372-Emerging Technologies for Construction Delivery*, 978-0-309-09791-8, Transportation Research Board, The National Academies, Washington, D.C.

Other Refereed Publications:

Hannon, J. J. (2007). "Career Capital." *Cost Engineering Journal*.

Other Non-Refereed Publications:

Feature, *Engineering News Record (ENR) Website*, Don Fornes' 'The Late Majority', 'Blogging on ENR.com', 'Going Back to Historical Data Collection', featuring John J. Hannon research on industry practices, posted April 12, 2007.

Papers and Manuscripts in Work:

Hastak, M. (Anticipated 2010). "Skills and Knowledge of Cost Engineering, 6th Edition." AACE International, Morgantown, WV, this is a collaborative effort on the part of the Education Board to realign and advance the Association's legacy publication. I have been assigned 5 Chapters to edit: Leadership, Performance and Productivity Management, Organizational Structure, and two chapters on Information Management. The Board is anticipating an early 2010 completion of this project.

Invited Presentations-International:

2007, Transportation Research Board of the National Academies 86th Annual Meeting, Washington, D.C., Synthesis of Highway Practice 37-06, 'Technologies for Construction Delivery', for AASHTO Subcommittee on Information Technology (AFH30), January 23, 2007.

Invited Presentations-National:

2007, American Association of State and Highway Transportation Officials Construction Conference, Subcommittee on Construction, Biloxi, MS, Presentation of NCHRP Synthesis Study 37-06 'Technologies for Construction Delivery' and 38-02 'Information Technology in Design and Construction', July 31st, 2007.

Professional Seminars, Workshops, and Short Courses:

2004, "Developing, Implementing, Analyzing, And Legal Issues of Construction Scheduling in Mississippi - A one-day seminar designed for engineers, construction and project managers, architects, presidents, vice presidents, contractors, subcontractors, owners, developers, planners, principals, consultants and attorneys." Sponsored by Lorman Education Services, with Mark D. Herbert, David A. Marchman, and Tulio Sulbaran, April 7, 2004, Jackson, MS. Delivered 1/3 of program.

2004, "ABC/USM Fall Construction Management Academy", sponsored by the Mississippi Associated Builders & Contractors. 3 day, 6 section delivery to construction professionals, with David A. Marchman and Tulio Sulbaran. Delivered over 50% of sessions, 3 sections (Project Management Process and Skills, Contract Administration Documentation Skills, and Human Resource Management) in addition to assisting with 1 section. October 22 and November 3, 2004, Flowood, MS.

2004, Developed and delivered Blueprint Reading course to local construction professionals,

sponsored by Mississippi Associated Builders and Contractors (ABC) and hosted by The University of Southern Mississippi, 6 each of 3 hour sessions (18 contact hours), March 24 to April 28, 2004, Hattiesburg, MS.

Funded Research Projects and Grants:

2008, Principal Investigator, Mississippi Department of Transportation, 'MDOT Implementation Plan for Global Positioning Systems (GPS) Technology in Planning, Design, and Construction Delivery', GM002491, \$172,988.

2008, Co-PI, Northrop Grumman Modeling, Simulation, and Analysis Group, 'Capability-Based Cost Estimation', GM001588, \$200,000.

2006, Software License Acquisition, Hard Dollar Corporation, GM000792, \$912,000.00.

2006, Principal Investigator, The National Academies-Transportation Research Board, National Cooperative Highway Research Program Project 20-5, Synthesis of Highway Practice 38-02, 'Information Technology in Design and Construction', GM001186, \$30,000.

2006, Consultant, The Keston Institute for Infrastructure of Los Angeles, CA, 'Impacts of Design-Build on the Public Workforce', Douglas Gransberg, The University of Oklahoma, PI, GM001622, \$1,500.

2006, Consultant, National Cooperative Highway Research Program, NCHRP Project 20-5, Synthesis of Highway Practice 38-01, 'Quality Assurance in Design-Build Projects', Douglas Gransberg, The University of Oklahoma, PI, GM001622, \$1,500.

2005, Principal Investigator, The National Academies-Transportation Research Board, National Cooperative Highway Research Program Project 20-5, Synthesis of Highway Practice 37-06, 'Technologies for Construction Delivery', GM000411, \$29,000.

2004, Software License Acquisition, Constructw@re Corporation, 25350012004, \$74,250.

2003, Software License Acquisition, Hard Dollar Corporation, 24350012005, \$369,490.

Professional Organization Membership and Service:

2008 Transportation Research Board Committee AFH30: Committee on Application of Emerging Technologies to Design and Construction, Invited service until 4/14/2011.

2006-2007 Toastmasters International

2005-2006 American Society of Engineering Education

2004-2006 Construction Financial Management Association

2003-2008 Associated Schools of Construction International (ASC)

The Association for the Advancement of Cost Engineering International (ACE International)

2008, Rapp, R. R., Hannon, J. J., and Jarnagan, H. (2008). "Model Master's Degree Program with Emphasis in Cost Engineering." Recommended Practice 12R-89, ACE International, 978-1-88-5517-28-9, (Development and Review, listed in Acknowledgements).

2008, Boyd, C. A., and Regan, S. (2008). "EVP Certification Study Guide." ACE International, 978-1-88-5517-69-6, (Study Problem Development and Review, listed in Acknowledgements).

2007-present, Building Information Modeling Committee

2006-present, Selected Member, Education Board

2006-2007, Review of Student Scholarship Participants

2006-2007, Contributing Member and Reviewer: Skills and Knowledge of Cost Engineering, 6th Edition.

2006-2007, Contributing Member and Reviewer: Earned Value Certification Study Guide.

2006, Distance Learning Manager-facilitated contract for Asynchronous Online Delivery of Certification Study Guide, edited 6 Chapters of new content and currently reviewing the online chapters with the aid of a graduate student. Pritchett, M. B. (2006). "CCC/CCE Certification Study Guide, 3rd Edition." AACE International.

2005-present, Academic Special Interest Group (SIG)

2004-present, Cost Estimating Committee

Summary of Curriculum Developed and Delivered:

- BCT 400 Construction Internship:
- ◆ BCT 454/L Estimating I: Material quantity survey techniques used in estimating costs of construction projects.
- ◆ BCT 455/L Estimating II: Determination of construction cost, bidding procedures, and analysis of job cost data.
- BCT 476 Construction Labor: A study of construction labor resources, labor history, and governmental labor regulations.
- ◆ BCT 478: Applications of Construction Law: Analysis of construction law: Legal Problems, the bidding process, contract performance, the contract.
- ◆ BCT 486/L Project Management / Project Controls: Duties and responsibilities of a construction manager. / The study of financial and document control of construction projects.
- ◆ BCT 556/L: Highway Estimating: Determination of highway construction cost, bidding procedures, and analysis of job cost data.
- ◆ BCT 602 Construction IT Applications: Analysis of information technology: Software and hardware applications to construction problems.
- ◆ BCT 692 Special Problems: Portland Cement Concrete Design and Technology (2007)
- ◆ BCT 692 Special Problems: Advanced Construction Project Controls (2007).
- ◆ BCT 692 Special Problems: Construction Cost Engineering (2007).
- ◆ BCT 692 Special Problems: Advanced Construction Cost Estimating (2007).
- ◆ BCT 692 Special Problems: Measuring Construction Organization Potential (2007).

- Delivered
- ◆ Developed and Delivered