

E. James Dunne
University of Dayton
MIS, Operations/Supply Chain & Business Analytics.
Email: edunne1@udayton.edu
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Education

Ph D, University of Illinois, 1971.
Major: Operations Research
Dissertation Title: Network and Project Theory

MS, Air Force Institute of Technology, 1964.
Major: Materials Engineering

BS, St. Louis University -- Parks College, 1962.
Major: Aeronautical Engineering

Professional Positions Held

Academic

Professor Emeritus (May 2022 – Present)

Distinguished Service Professor (May 2021 – Present)

Professor, University of Dayton, Dept of MIS, Operations/Supply Chain, & Business Analytics.
(August 1985 – May 2022).

Interim Dean, University of Dayton School of Business Administration. (July 1, 2016 - July 31, 2017).

Interim Chair, Department of MIS, OM, & Decision Sciences, University of Dayton. (July 1, 2012 - December 31, 2012).

Associate Dean, University of Dayton, School of Business Administration. (January 2004 - June 2008).

Interim Chair, University of Dayton, Dept of MIS, OM & DSC. (July 2003 - December 2003).

Associate Dean and MBA Director (1 yr overlap), University of Dayton, School of Business Administration. (August 1994 - August 1998).

Chairperson, University of Dayton, Dept of MIS & Decision Sciences. (August 1985 - August 1995).

Associate Professor, University of Dayton, Dept of MIS & Decision Sciences. (August 1982 - August 1985).

Assistant Professor through Professor, Air Force Institute of Technology. (May 1974 - August 1982).

Military

2nd Lt through Lt Colonel, US Air Force. Served as engineer, R&D project manager, analyst, professor. (August 20, 1962 - August 20, 1982).

Licensures and Certifications

Registered Professional Engineer, State of Illinois. (1970 - Present).

Development Activities Attended

Attended Conference, "INFORMS National Meeting." (October 12, 2012 - October 15, 2012).

Attended Conference, "12th Annual Hawaii International Conference on Business," Honolulu, Hawaii. (May 24, 2012 - May 27, 2012).

Attended Conference, "Business Statistics Symposium," McGraw-Hill, Amelia Island, Florida. (February 16, 2012 - February 19, 2012).

Attended Workshop (not at a conference), "AACSB Maintenance of Accreditation Seminar," AACSB International, Philadelphia PA. (August 15, 2007).

Attended Workshop (not at a conference), "AACSB Assurance of Learning Seminar," AACSB International, Philadelphia, Pa. (August 14, 2007).

Attended Seminar, "Business As A Calling Seminar," University of Dayton, Dayton, OH. (January 2007 - May 2007).

Attended Workshop (not at a conference), "Marianist Universities Meeting," University of Dayton, St. Mary's University, & Chaminade University. (June 5, 2006 - June 8, 2006).

Annual Conference, "AACSB International Annual Meeting," AACSB International, Paris, France. (April 20, 2006 - April 24, 2006).

Attended Workshop (not at a conference), "Institute on General Education," AAC&U, Newport, RI. (May 21, 2005 - May 25, 2005).

TEACHING

Teaching Experience

- MIS 375*, Management & Decision Systems
- MIS 465*, Analysis & Design Project I
- MIS 475*, Analysis & Design Project II
- DSC 210, Statistics for Business I
- DSC 211, Statistics for Business II
- DSC 316, Production Operations Management
- DSC 375, Management Science
- MBA 610, Business Data Analysis
- MBA 611, Stat Analysis Bus Decisions (both semester and quarter versions)
- MBA 691*, Modeling & Analysis for Business Decisions
- MBA 791*, Business Analytics (both semester and quarter versions)
- MIS 498, Coop Education Prog
- Designed and developed new course

Awards and Honors

Appointed Distinguished Service Professor, University of Dayton (May 2021)

2012 Alumni Merit Award, St. Louis University. (September 30, 2012).

Urban Fellowship, University of Dayton. (1984).

Cardinal Cooke Medal, Wright-Patterson AFB Catholic Parish. (1982).

Outstanding Instructor, AFIT School of Engineering. (1978).

Meritorious Service Medal, Air Force Institute of Technology. (1977).

SCHOLARSHIP

Published Intellectual Contributions

Book Chapters

Dunne, J., Stahl, M. J. (1984). In Badawy, M. (Ed.), *Issues and Techniques for Management of Several Projects*. Van Nostrand Reinhold.

Dunne, J., Stahl, M. J. (1984). In Badawy, M. (Ed.), *Project and Matrix organizations*. Van Nostrand Reinhold.

Dunne, J., Stahl, M. J. (1984). In Badawy, M. (Ed.), *Project Implementation and Control*. Van Nostrand Reinhold.

Dunne, J. (1977). In Huber, Schelle, Hoffman (Eds.), *Planning Weapon System Acquisition in the USAF* (pp. 396-415). Oldenburg Press.

Refereed Journal Articles

Ferratt, T. W., Prasad, J., Dunne, J. (2018). Fast and Slow Processes Underlying Theories of Information Technology Use. *Journal of the Association for Information Systems*, 19(1), 1-22.

De, P., Dunne, J., Ghosh, J., Wells, C. (1997). Discrete Time-Cost Tradeoff Problem for Project Networks. *Operations Research*, 45, 302-306.

De, P., Dunne, J., Ghosh, J., Wells, C. (1995). The Discrete Time-Cost Tradeoff Problem Revisited. *European Journal of Operational Research*, 81, 225-238.

Woodruff, B., Yoder, J., Moore, A., Dunne, J. (1986). Modified Goodness-of-Fit Tests for the Logistic Distribution with Unknown Location and Scale Parameters. *Communications in Statistics*, 15, 77-83.

- Woodruff, B., Viviano, P., Moore, A., Dunne, J. (1984). Modified Goodness-of-Fit Tests for Gamma Distributions with Unknown Location and Scale Parameters. *IEEE Transactions on Reliability*, 33, 241-245.
- Norton, S., Dunne, J. (1983). A Development and Validation Strategy for Appraisals Used to Select Supervisors and Managers. *Review of Public Personnel Administration*, 3, 94-104.
- Woodruff, B., Moore, A., Dunne, J., Cortes, R. (1983). A Modified Kolmogorov-Smirnov Test for Weibull Distributions with Unknown Location and Scale Parameters. *IEEE Transactions on Reliability*, 32, 209-213.
- Dunne, J. (1983). How Six Management Techniques Are Used. *Research Management*, XXVI, 35-40.
- Bush, J., Woodruff, B., Moore, A., Dunne, J. (1983). Modified Cramer-Von Mises and Anderson-Darling Tests for Weibull Distributions with unknown Location and Scale Parameters. *Communications in Statistics*, 12, 2465-2476.
- Dunne, J., Klementowski, L. J. (1982). An Investigation of the Use of network Techniques in Research and Development Management. *IEEE Transactions on Engineering Management*, 29, 74-78.
- Dunne, J., Norton, S., Thornton, H. E. (1982). The Assessment Center Method in an Upward Mobility Program. *Journal of Assessment Center Technology*, 5, 17-23.
- Dunne, J., Stahl, M. J., Melhart, L. J. (1978). Influence Methods of Project Managers and Functional Managers in a Matrix Organization. *Academy of Management Journal*, 21, 135-140.
- Dessouky, M. I., Dunne, J. (1971). Cost Duration Analysis with the Cut Network. *AIEE Transactions*, III, 123-132.

Other Journal Articles

- Dunne, J. (2002). Making Tough Choices: A Decision Support Tool Helps Managers Develop Malaysia's Furniture Industry. *Academy of Management Executive*, 16(3), 150-151.
- Tripp, R. S., Dunne, J. (1975). A Systems Development Approach for the Development and Acquisition of Support Forces. *Defense Management Journal*, 11, 51-57.
- Manley, T. R., Dunne, J. (1975). Project Managers: Warning, Danger Ahead. *National Defense*, LX, 107-110.
- Dunne, J. (1975). Systems and Project Management, An Expanded View. *Air University Review*, XXVI, 28-34.
- Dunne, J., Ewart, R. F., Nanney, D. M. (1975). What Happened to PERT? *Defense Systems Management Review*, 1, 45-50.

Other

- Dunne, J. (2008)., *White Paper: Advising of Undergraduate Business Students: Conclusions and Plans for Improvement*. University of Dayton School of Business Administration.
- Dunne, J. (2007)., *White Paper: Academic and Alcohol Behaviors of UD Business Students*. University of Dayton School of Business Administration.

Lewis, B., Dunne, J. (1991)., *A Framework For Using Cases to Achieve Cognitive, Affective, and Conative Educational Objectives With Emphasis on the Decision Sciences* (pp. 38 pages). Dayton: Working Paper Series, Center for Business and Economic Research, University of Dayton.

Dunne, J. (1981)., *Review of "Management in the Armed Forces" by John Downey* (vol. 7, pp. 327-330). *Armed Forces and Society*.

Presentations Given

Ferratt, T. W. (Presenter & Author), Dunne, J. (Author Only), Young, S. (Author Only), 24th Annual Computer Personnel Research Conference, "Managers Who Personally use Information Technology Frequently: A Profile of Some Invisible Computer Personnel." (1988).

Dunne, J. (Presenter & Author), Bohlen, G. A. (Author Only), Vlahos, G. E. (Author Only), International Interdisciplinary Consortium for Information Systems, "Establishing an MIS Program with Minimum Resources." (1986).

Wells, C. (Presenter & Author), Bohlen, G. (Author Only), Dunne, J. (Author Only), 1986 National Meeting of the Decision Sciences Institute, "The Development of an Expert System for Faculty Scheduling and its Impact on the Scheduling Decision Process." (November 1986).

Dunne, J., Midwest AIDS Annual Meeting, "The MIS Program at the University of Dayton," Indianapolis Indiana. (May 1984).

Dunne, J., IEEE Engineering Management Conference, "A Model to Study the Major Trade-Offs of Space-Based Weapon Systems." (1983).

Dunne, J., Military Operations Research Symposium, "A Dynamic Model of Space Based Weapon Systems," Dayton Ohio. (September 1983).

Dunne, J., Annual Meeting of Academy of Management, "A Validation Strategy for Appraisals of Supervisors, Managers, and Candidates for These Positions," New York. (August 1982).

Dunne, J. (Presenter & Author), McClary, R. (Author Only), IEEE Engineering Management Conference, "A Review of the Usefulness of R&D Management Techniques." (1981).

Dunne, J. (Presenter & Author), Dutton, J. (Author Only), IEEE Engineering Management Conference, "A Tool for Studying Laser Systems in Space." (1981).

Dunne, J. (Presenter & Author), Klementowski, L. (Author Only), American Institute for Decision Sciences National Meeting, "Network Techniques in Aerospace R&D Management." (1980).

Manley, T. R. (Presenter & Author), Dunne, J. (Presenter & Author), Womer, K. (Author Only), American Institute for Decision Sciences National Meeting, "Integrating Group Behavioral Experiences into Decision Science Courses." (1975).

Dunne, J., Military Operations Research Symposium, "What Happened to PERT?," MORS, Annapolis, Maryland. (July 1975).

Dessouky, M. I. (Presenter & Author), Dunne, J. (Author Only), Ninth Annual Allerton Conference on Circuit and System Theory, "Some Duality Relationships in Networks," Department of Electrical Engineering and Coordinated Science laboratory, University of Illinois. (1971).

Dunne, J., Operations Research Society 38th Meeting, "A New Method for Cost Duration Analysis in Project Networks," Dallas Texas. (May 1971).

Contracts, Grants and Sponsored Research

Dunne, J., "Academic Excellence and Alcohol Behaviors of Business Students," Sponsored by Office of Provost & UD Faculty Development Committee, University of Dayton, \$11,700.00. (March 2005 - September 2006).

SERVICE

Service - Learning

Course or Certificate Director

Course Director -- DSC 210-211. (January 2012 - December 2015).

Curriculum Committee

SBA Graduate Committee, several terms, Chair (18-19, 19-20)). (January 2007 - Dec 2020).

Committee for Master of Business Analytics & Assistant Program Director. (June 2017 - present).

Academic Policies Committee of Academic Senate, Chair (15-16,19-20). (August 2010 - May 2020).

University CAP Committee. (May 2011 - May 2019).

UG Committee, SBA. (January 2004 - December 2015).

SBA UG & Grad Committees (several terms). (1998 - 2013).

Dean's Task Force on UG Core. (2005 - 2008).

UD Marianist Education Working Group. (April 2005 - May 2006).

Chair, General Education & Competencies Committee, UD. (2000 - 2003).

UD General Education Committee. (1990 - 1994).

Other

Education Leadership Council. (August 2013 - December 2019).

Academic Senate, elected member approx. seven 3-yr terms. (1985 - December 2020).

Executive Committee of Academic Senate two 2-yr terms. (August 2012 - December 2015).

Chair, Fiscal Integrity Subcommittee, NCAA Certification. (2002 - 2003).

Search Committee, Dean of School of Business Administration. (2002 - 2003).

SBA Promotion, Tenure, & Faculty Review Committee. (1998 – 2000, 2020-2021).

Vice Pres, Academic Senate (highest elective faculty position). (1993 - 1994).

Search Committee, University Provost. (1988 - 1989).

University Committee to Evaluate the Academic Senate. (January 1988 - May 1988).

Chair, Search Committee, MBA Director. (March 1988 - April 1988).

Search Committee, Dean of School of Business Administration. (1984 - 1985).

President, Faculty Council, School of Engineering, AFIT. (1979 - 1980).