

**David H. Hartmann**

2801 Sweetbriar  
Edmond OK 73034-6554

**Education:** Bachelor of Science degree, 1969, United States Air Force Academy, Colorado Springs, CO.

Master of Science degree in Logistics Management, 1976, Air Force Institute of Technology, Wright-Patterson Air Force Base, Dayton, OH.

Master of Business Administration degree, 1987, College of William and Mary in Virginia, Williamsburg, VA.

Ph.D., Industrial Engineering, 2004, Oklahoma State University.

**University of Central Oklahoma, Edmond, OK** 2000-Present  
***Assistant Professor, Department of Information Systems and Operations Management,***

- Teaching Experience:
  - Production and Operations Management (Undergraduate),
  - Methods of Operations Supervision (Undergraduate),
  - Management Science (Undergraduate and Graduate), and
  - Management Information Systems (Undergraduate).
- Departmental committee service:
  - University Academic Affairs Council, 2001-2005
  - Undergraduate Curriculum Committee, 2001-2004
  - Liaison to the UCO Max Chambers Library, 2001-Present
  - Honors and Scholarship Committee, 2000-2001
  - Program Review Committee, 2000-2001
  - Liaison to Rose State College – Operations Management, 2001-Present
- Served on the University's Presidential Leadership Council Scholarship Screening Committee, 2000-2001

**Presentations**

- A Methodological Approach to Developing Stakeholder Defined Demand-Pull Requirements for Graduate-Level Industrial Engineering Graduates, "Proceedings of the 2005 American Society for Engineering Education Annual Conference & Exposition"
- Quality Management: Abstract presented at the 19th Annual Business Symposium, University of Central Oklahoma, April 2002, "Assessing the Effectiveness of Educational Portals to Create Value for Stakeholders."
- Author of and presenter of paper, "The Implementation of a Project-Based Quality Improvement Plan at 'XYZ' University: Improving Student Retention". Presented at the 16th Annual Business Symposium, University of Central Oklahoma, April 1999.
- Principal author and presenter of paper, "The Motivation of the Technical Professional for Innovation in Production Operations". Presented at the 15th Annual Southwest Business Symposium, University of Central Oklahoma, April 1998.

**Other Scholarly Activities**

- Reviewer, textbook, Reid & Sanders, Operations Management, 2/e
- Reviewer, textbook, Turban, McLean & Wetherbe, Information Technology for Management, 4/e
- Presenter, Faculty Technology Resource Center VIP Reception, April 15, 2004
- Storyboard Presenter, Oklahoma Regional WebCT Conference, April 28, 2004
- Reviewer, 2002-Present, American Society for Engineering Education “Frontiers in Education” Annual Conference & Exposition, Manufacturing Division Track.
- Research paper [In review], American Society of Engineering Education, Annual Conference, June 12-14, 2005, Portland, Oregon

**Other University and extra-University Service**

- Engineering Management Track Chair, Solutions Conference, Annual Conference, Institute of Industrial Engineers, 2006
- Session Moderator, Engineering Management Track, Solutions Conference, Annual Conference, Institute of Industrial Engineers, 2005 & 2006
- Member of the National Board of Directors, Society for Engineering & Management Systems, Institute of Industrial Engineers
- Member of the National Board of Directors, Education and Training Board, American Society for Quality
- Elected member University Faculty Senate, 2005-Present
- Faculty Senate Historian and Reporter/Webmaster, 2005-Present
- Elected member and Assistant Curriculum Committee IV Chair, University Academic Affairs Council
- Elected member, University Faculty Merit-Credit Award Review Committee, 2004-Present
- Faculty Sponsor, Bulgarian Student Association, 2004-Present
- Participant, “Stampede Week”, Faculty Booth Committee, 2004 & 2005
- Support staff, “World Within: Campus Friendships for Global Understanding”, Opening Ceremony, UCO Hamilton Field House, 22 October, 2001

**Professional Development**

- Completed additional graduate course work in management information systems: MIS 5113: Information Access Management, University of Oklahoma (fall semester, 2000). Course taken in residence at OU. Three credit hours received.
- Enrolled, spring semester 2001, IEM 5743: Information Systems and Technology, Oklahoma State University.
- Audited, “Using Active Server Pages to Develop Data-Driven Web Pages,” NCEI, summer session 2000, UCO.
- Attended a three class series in WebCT training offered through the UCO Office of Information Technology and taught by Dr. Bill Morey.

- Attended seminar, Oklahoma's first statewide Multimedia Educational Resource for Learning and Online Teaching (MERLOT), Friday, April 6, 2001

### Awards

- Presented paper awarded “First Prize”, Industrial Engineering Division, 2005 American Society for Engineering Education Annual Conference & Exposition. *A Methodological Approach to Developing Stakeholder Defined Demand-Pull Requirements for Graduate-Level Industrial Engineering Graduates*, “Proceedings of the 2005 American Society for Engineering Education Annual Conference & Exposition ‘
- “New Student Association of the Year” as Faculty Sponsor of the UCO Bulgarian Student Association, 2004

### Saint Gregory’s University, Shawnee, OK

1996-2000

#### Chair, Division of Business and Decision Sciences

- Set Division policy, developed the business core academic curriculum, and developed, tracked, and reported variances in annual division budgets.
- Sourced, screened, interviewed, and recommended full-time and adjunct faculty.
- Instructed fifteen (15) equated credit hours of quantitative and qualitative upper division courses per academic semester.
- Recruited, enrolled, and advised students.
- Developed a unique, integrative fourteen credit hour program in Professional Development required of all university students.
- Teaching Experience: (all undergraduate)
  - *Production and Operations Management*,
  - *Principles of Management*,
  - *Total Quality Management*,
  - *Organizational Policies and Practices* (Interdisciplinary general education course),
  - *Principles of Business Communication*,
  - *International Management*, and
  - *Senior Seminar: Business Research and Strategy*.
- Co-Chair, University Academic Council.
- Served on a variety of academic committees:
  - Co-chair of the Technology Integration Project Team, which developed and implemented the campus-wide adoption of laptop computers by students, faculty, and staff.
  - Served on the Distance Learning Implementation Team,
  - Served on the Library Resources Committee,
  - Served on the University Self-Assessment Committee, and
  - Served on the University Adults Completing Education (A.C.E.) Committee.

**Oklahoma State University, Stillwater, OK**

1994-2004

**Doctoral Candidate and Graduate Research Assistant**

- Completed all course work towards the Ph.D. in Industrial Engineering and Management. GPA: 3.35/4.00. Elected to *Alpha Pi Mu* -- National Industrial Engineering Honor Society. Graduate Teaching Assistant, 1994-96.
- Undergraduate courses taught: “*Engineering Economics*,” “*Industrial Work Methods Engineering*”
- Served as research assistant in an OSU and federal government cooperative Computer Assisted Technology Transfer Program (CATT) grant whose goal is the transfer of manufacturing technologies and training to Oklahoma manufacturers.

**Gaylord Container Corporation, Rochester, NY**

1990-94

**Quality Process Manager**

- Chaired the manufacturing plant quality council and facilitated 25 quality improvement teams.
- Researched operations, implemented procedures and monitored statistical data to assure assessment standards were achieved in areas of personnel training, product manufacturing, and supplier selection.
- Initiated and developed procedures for supplier certification in accordance with ISO-9000 standards series. Documented success led to corporate-wide adoption in selected manufacturing operations and supplier certification.
- Initiated and hired engineering student interns for plant-wide quality improvement.
- Served on the facility’s various social and community service committees.

**United States Air Force**

1969-90

**Retired Rank: Lieutenant Colonel****SUMMARY OF EXPERIENCE IN MILITARY SETTING**

During term of commissioned service, rapidly progressed through positions of increasing leadership and management responsibility including instructor pilot, standards and evaluation pilot, operations officer, squadron commander, and program and project manager.

**Summary of career experience includes:**

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|----------|--|
| 10 years | Designed, implemented, and managed programs for evaluating and financially controlling flying training and technical education courses in the United States Air Force and in twenty-two (22) foreign air forces. |
| 10 years | Developed and managed annual operating budgets in excess of \$500,000.   |
| 6 years  | Managed forty-five (45) flight training program evaluations and continuing education needs assessments.  |
| 5 years  | Designed and implemented assessment programs for ten (10) aviation-training  |

organizations.

5 years Initiated and implemented improved logistics assessment designs for organizations in the United States Air Force and three (3) foreign air forces on behalf of the Department of State of the United States of America.

### **Military career highlights**

- Instructor pilot and flight examiner: E-3A, B, C AWACS and EC/KC-135A aircraft.
- Veteran: Vietnam War and Persian Gulf Conflict and numerous contingency air campaigns of national significance.
- Accredited: *Professional Designation in Logistics Management*.
- Recognized nationally for most outstanding graduate thesis in logistics management (1976). Thesis entitled, **“The Effect of Renewal Processes Upon Stochastic Reliability Models.”**
- Published graduate master’s thesis and articles for United States Air Force flying training journals.
- Member: *Sigma Iota Epsilon* - National Honor Society in Management for outstanding graduate credit in Logistics Masters Degree program.
- Completed eight technical training, qualification, and certification programs:
  - Undergraduate pilot training,
  - Combat crew training,
  - Combat crew special weapons certification,
  - Strategic Air Command Performance Officer Qualification,
  - Administrative Officer Qualification Training,
  - Directorate of Logistics Management course,
  - E-3 Aircraft Commander Qualification, and
  - E-3 Instructor Pilot Qualification Training.
- Completed Professional development courses
  - Squadron Officer School,
  - Air Command and Staff College, and
  - National Defense University.

### **ADDITIONAL INSTRUCTIONAL EXPERIENCE**

- **University and college-level**

2003-Present Adjunct Professor, School of Industrial Engineering,  
University of Oklahoma

Graduate-level courses taught:

- *“Organization Systems”*
- *“Management of the Engineering Function”*

1995 Adjunct Professor, Business Division,  
Rose State College, Midwest City, OK

Undergraduate course taught: *“Business Communications”*

1994-96 Graduate Teaching Assistant, Department of Industrial Engineering, Oklahoma State University, Stillwater, OK

Undergraduate courses taught:

- “*Engineering Economics*”
- “*Industrial Work Methods Engineering*”

1988-90 Adjunct Professor of Management, College of Continuing Education, Hampton University, Hampton, VA

Undergraduate course taught: “*Principles of Management*”

- **United States Air Force**

1981-85 Instructor Pilot, program assessment pilot

1973-75 Aircraft avionics lecturer

- **Gaylord Container Corporation**

1990-94 Instructor, *Technicomp*® (Quality Control Course)

1990-94 Instructor, United States Department of Transportation hazardous materials [HAZMAT Courses]

1990-94 Instructor, DuPont Corporation -- *Safety Training and Observation Program*©, [S.T.O.P.]

## OTHER PROFESSIONAL ACTIVITIES

- Quality Examiner, *Oklahoma State Quality Award Foundation*, Department of Commerce, State of Oklahoma: 1996-1999
- Air Force Association, 1969-Present, Life Member
- Wiley Post Flight, National Order of Daedalians, 1976-Present, Life Member
- Reviewer, Nineteenth Annual Southwest Business Symposium, University of Central Oklahoma.

## PROFESSIONAL AFFILIATIONS

- Institute of Industrial Engineers, Senior Member, 1994-Present
- American Society for Engineering Education, 1997-Present
- American Society for Quality, 1990–Present
- Decision Sciences Institute, 2000–2004
- Production and Operations Management Society, 2000-2004
- Institute for Operations Research and the Management Sciences, 2000–2004
- Society of Logistics Engineers, 1975–1980
- World Association for Online Education (WAOE), 2001-Present
- Multimedia Educational Resource for Learning and Online Teaching (MERLOT), 2001

**HONORS**

- 1976      *Sigma Iota Epsilon,*  
Honor Society of Operations Management
- 1995      *Alpha Pi Mu,*  
Honor Society of Industrial Engineering
- 2002      Nominated by the School of Industrial Engineering & Management,  
Oklahoma State University and selected by the Institute for Industrial  
Engineering (IIE) to attend inaugural Doctoral Colloquium, IIE National  
Conference, 18/19 May 02, Tampa, FL.
- 2006      *Delta Mu Delta*  
National Honor Society in Business Administration