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B.M. PULAT

## VITA

### BABUR MUSTAFA PULAT

**Work Address:** Carson Engineering Center, Room 107  
University of Oklahoma  
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**Work:**

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**Residency:** Citizen of the USA

### EDUCATIONAL BACKGROUND:

**Ph.D** 1980 Industrial Engineering, North Carolina State University at Raleigh, N.C.

**M.S** 1975 Industrial Engineering, Middle East Technical University, Ankara, Turkey (with Honors).

**B.S** 1974 Industrial Engineering, Middle East Technical University, Ankara, Turkey (with Honors).

### INDUSTRIAL EXPERIENCE:

10/2003-Present **Director**, CELDi (Center for Engineering Logistics and Distribution), University of Oklahoma.

01/2002-10/2003 **Associate Director**, CELDi (Center for Engineering Logistics and Distribution), NSF (National Science Foundation) I/UCRC (Industry/University Cooperative Center). University of Oklahoma.

08/2001-Present **President and Chief Executive Officer**, Creative Insights, LLC.

03/2001-07/2001 **Technical Manager**, Quality Engineering, Lucent Technologies, Added responsibility: Product reliability.

03/1996-02/2001 **Technical Manager**, Customer Quality Interface and Competitive Intelligence, Lucent Technologies. Added responsibility: Customer complaints, cell teams, competitive intelligence, TL 9000 implementation.

03/1992-03/1996 **Technical Manager**, Customer Quality Interface. Responsibility: Customer quality issues, ISO-9000 compliance audits, quality awareness and recognition, benchmarking, AT&T Chairman's Quality Award/Oklahoma State Quality Award.

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- 01/1990-03/1992 **Engineering Manager**, Component Process and Industrial Engineering. Added responsibility: Labor cost development and control, cost effectiveness program administration, benchmarking.
- 08/1989-12/1989 **Engineering Manager**, Component Process Engineering. Responsibility: Component qualification, firmware development, IC upgrade. Lean production.
- 04/1989-07/1989 **Engineering Manager**, Material Handling Engineering. AT&T Technologies, Oklahoma City Works, OK.
- 04/1988-04/1989 **Senior Engineer**, AT&T Technologies, Oklahoma City Works, OK. Primary Responsibility: Information systems design, just-in-time, ergonomics, lean handling.
- 07/1985-03/1988 **Planning Engineer**, AT&T Technologies, Oklahoma City, OK. Primary Responsibility: Modeling applications, productivity enhancement.

#### **TEACHING EXPERIENCE:**

- 04/1994-present **Adjunct Professor**, School of Industrial Engineering, University of Oklahoma, Norman, OK.
- 08/2001-present **Adjunct Professor**, Meinders Business School, Oklahoma City University, Oklahoma City, OK.
- 08/1985-03/1994 **Adjunct Associate Professor**, School of Industrial Engineering, University of Oklahoma, Norman, OK.
- 07/1983-07/1985 **Associate Professor**, Department of Industrial Engineering, North Carolina A&T State University, Greensboro, NC.
- 08/1979-07/1983 **Assistant Professor**, Department of Industrial Engineering, North Carolina A&T State University, Greensboro, NC.
- 01/1979-05/1979 **Teaching Assistant**, Department of Industrial Engineering, North Carolina State University, Raleigh, NC.
- 01/1975-12/1975 **Teaching Assistant**, Department of Industrial Engineering, Middle East Technical University, Ankara, Turkey.

#### **ADMINISTRATIVE EXPERIENCE:**

- 10/2003-Present **Director**, CELDi (Center for Engineering Logistics and Distribution), University of Oklahoma, Norman, OK.
- 01/2002-10/2003 **Associate Director**, CELDi (Center for Engineering Logistics and Distribution), University of Oklahoma, Norman, OK.
- 01/1993-07/2001 **Technical Manager**, Lucent Technologies Oklahoma City, OK, Global Provisioning Center.
- 04/1989-12/1992 **Engineering Manager**, AT&T Oklahoma City Works, OK.
- 01/1982-07/1985 **Alpha Pi Mu Faculty Advisor**, North Carolina A&T State University, Greensboro, NC.

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- 06/1981-06/1982 **Graduate Program Administrator**, North Carolina A&T State University, Greensboro, NC.
- 06/1981-06/1982 **IIE Faculty Advisor**, North Carolina A&T State University, Greensboro, NC.
- 06/1981-06/1985 **Tau Alpha Tau Faculty Advisor**, North Carolina A&T State University, Greensboro, NC.
- 06/1981-08/1981 **Acting Chairman**, Department of Industrial Engineering, North Carolina A&T State University, Greensboro, NC.
- Committee Chairman of 6 Master of Science and 4 Master of Industrial Engineering students.

### CONSULTING EXPERIENCE:

|                                    |                                    |
|------------------------------------|------------------------------------|
| University of Oklahoma             | Logistics                          |
| Dept. of Human Serv.(OK)           | Field Staff Workload Estimation    |
| NES/SELAMCO, Inc.                  | Materials Flow and Layout Analysis |
| Fieldcrest Mills, Inc.             | Cumulative-Effect Limb Disorders   |
| Office of Naval Research           | Crew Station Design                |
| Business Facts, Inc.               | Human-Computer Interface           |
| North Carolina Chiropractic Assoc. | Biomechanics Workshop              |

### OTHER EXPERIENCES:

- 07/1972-09/1972 **Industrial Engineering Trainee**, E.S.D. Inc., Ray-O-Vac, Plant in Clinton, MA, General Shop-floor Industrial Engineering Activities.
- 09/1975-12/1975 **Technical Secretary**, NATO-OTAN Defense Research Group, Seminar Organization and Proceedings Publication.

### Carried out specific project work with students in the academic environment as detailed below:

| <b>Project Locations</b>            | <b>Project Topic</b>                                   |
|-------------------------------------|--|
| Allen Bradley Co.                   | Stockroom Layout                                       |
| Burlington Industries               | Plant Layout and Productivity Improvement Applications |
| Slane Hosiery                       | Work Measurement Applications                          |
| Gilbarco, Inc.                      | Pump Assembly Line Balancing                           |
| Gilbarco, Inc.                      | Pump Manufacturing Area Layout                         |
| Goodwill Industries                 | Garment Sorting Area Layout Planning                   |
| Goodwill Industries                 | Material Flow and Storage Analysis                     |
| Cone Mills, Inc.                    | Material Flow and Work Measurement Applications        |
| Accurate Parts, Inc.                | Work Measurement Applications                          |
| Industries for the Blind            | Workstation Design and Improvements                    |
| Integon Corporation                 | Blue Collar Productivity                               |
| Bulk Mail Center                    | Mail Throughput Analysis                               |
| Machinery Plant (Turkey)            | Outdoor Storage Area Design                            |
| Ministry of Transportation (Turkey) | Standard Cost Accounting System                        |

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### **Seminars Presented**

American Academy of Disability Evaluating Physicians, Chicago, IL  
University of Stuttgart, West Germany  
AT&T Technologies, Oklahoma City, OK  
University of Oklahoma, Norman, OK  
Adams Millis, Inc., Kernersville, NC  
3M, St. Paul, MN  
NASA-Ames Research Center, San Francisco, CA  
Southern Optical Company, Greensboro, NC  
NES/SELAMCO, Inc., Greensboro, NC

### **COURSES TAUGHT:**

#### **Graduate Level Teaching**

Statistics  
Quantitative Techniques  
Engineering Experimental Design  
Information Ergonomics  
Safety Engineering  
Man-Machine Systems (Human Factors Engineering)  
Advanced Work Measurement

#### **Undergraduate Level Teaching**

Engineering Economy  
Introduction to Ergonomics  
Methods Engineering  
Computational Methods in Industrial Engineering  
Pre-Calculus for Engineers  
Facilities Planning  
Design Projects in Industrial Engineering  
Work Analysis and Design  
Introduction to Engineering

### **COMMITTEE/PANEL MEMBERSHIP:**

- **NSF (National Science Foundation) Panelist**, Course, Curriculum, and Laboratory Improvement (CCLI) Review Panel. July 2003.
- **Proprietary Information Review Committee**, Lucent Technologies Oklahoma City Global Provisioning Center, 1992 - 2001.
- **Industry Advisory Board**, Oklahoma City Community College, AIM-HI Project, 1987-1990.
- **Engineers' Activities Committee**, AT&T Technologies, Oklahoma City Works, 1988.

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- **Undergraduate Curriculum Committee**, (Chair), North Carolina A& T State University, 1981-July 1985.
- **Books and Journals Committee**, North Carolina A&T State University, 1979 -1982.
- **Laboratory Development Committee**, (Chair), North Carolina A&T State University, 1979-1982.
- **Accreditation Preparation Committee**, North Carolina A&T State University, 1980.
- **University Relations Chair**, Senior Chapter of IIE in Greensboro, NC, June 1981- June 1982.
- **School of Electrical Engineering Chairman Search Committee**, North Carolina A&T State University, June 1982 - January 1983.
- **Representative of the IE Department in the University Senate**, July 1983 - July 1985.
- **Member of Title III Internal Evaluators Committee**, 1983 - July 1985, North Carolina A&T State University.
- **Teaching Evaluation Committee**, North Carolina A&T State University, School of Engineering, January 1984 - June 1984.

#### **OFFICES HELD:**

- **Session Chair**, Seventh International Conference on Productivity and Quality Research, Miami, FL, April 26-29, 1998.
- **Program Review Committee Member**, Fifth International Conference on Productivity and Quality Research, Miami, FL, February 21-24, 1995.
- **Program Review Committee Member**, Fourth International Conference on Productivity and Quality Research, Miami, FL, February 9-12, 1993.
- **International Program Advisory Committee Member and Session Chair**, "Human-Computer Interface." 1991 International Industrial Ergonomics and Safety Conference, Lake Tahoe, NV, June 10-14.
- **Program Review Committee Member and Session Chair**, "Applications/Case Studies in Quality & Productivity Management" and "Cases/Applications." Third International Conference on Productivity and Quality Research, Miami, FL, February 20-22, 1991.
- **International Program Advisory Committee Member and Session Chair**, "Human-Computer Interaction." 1990 International Industrial Ergonomics and Safety Conference, Montreal, Canada, June 10-13.
- **International Program Advisory Committee Member and Session Chair**, "Industrial Applications I." 1989 International Industrial Ergonomics and Safety Conference, Cincinnati, OH, June 5-8.
- **International Program Advisory Committee Member and Session Chair**, "Industrial Applications I." 1988 International Industrial Ergonomics and Safety Conference, New Orleans, LA, June 7-10.
- **Session Chair**, "Expert Systems," 1986 International Industrial Ergonomics and Safety Conference, Louisville, KY. June 11 -14.
- **Program Chair**, IIE Ergonomics Division, 1984 Fall IIE Conference, Atlanta, GA.
- IIE Ergonomics Division, Chairman of Publications and Division Award, June 1983 - May 1984.

#### **LABORATORY DEVELOPMENT:**

Developed NC A&T Industrial Engineering laboratories in the following areas:

Safety Engineering Laboratory

Physiological Functional Measurement Laboratory

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Psychophysiological Function Measurement Laboratory  
Methods Engineering Laboratory  
Educational Data Processing Laboratory

**MEMBERSHIP IN PROFESSIONAL AND HONOR SOCIETIES:**

Human Factors and Ergonomics Society  
Alpha Pi Mu

**SCHOLARSHIPS:**

**AFS Scholarship**, 1969. Exchange student in the USA.

**MEB Scholarship**, 1975. Studies leading to Ph.D. degree (not utilized).

**NATO Scholarship**, 1976. Program under the direction of Turkish Scientific and Technical Research Council (TUBITAK) leading to Ph.D. degree in Industrial Engineering.

**WORKSHOPS COMPLETED:**

Instructor Training Program for MOST Computerized Work Measurement System. H.B. Maynard & Co., October 1983. Subsequently installed this system on A&T campus for student use.

Workshop on 4M and ADAM Computerized Work Measurement Systems. MTM Association, November 1983.

Synchronized Manufacturing - AUTOFACT '85, November 4, 1985, Detroit, Michigan.

Shop-floor Control - AUTOFACT '85, November 5, 1985, Detroit, Michigan.

Putting Speech Technology to Work - Speech Tech '85, April 29, 1986, New York, NY.

Software Ergonomics - Annual International Industrial Ergonomics Conference 1988, New Orleans, LA.

Enterprise Integration, AUTOFACT '88 (October 30 - November 2).

Practical CIM, AUTOFACT '88 (October 30 - November 2).

Managing People and Performance, 1989, AT&T Oklahoma City Workshop.

Malcolm Baldrige National Quality Award, 1990, AT&T Oklahoma City Workshop.

Benchmarking Techniques, 1991, AT&T Oklahoma City Workshop.

International Quality Standards - ISO-9002, 1992, AT&T Oklahoma City Workshop.

Personal Effectiveness in a Diverse Work Environment, 1993, AT&T Oklahoma City Workshop.

Highgain Listening, 1994, AT&T Oklahoma City Workshop.

The Performance Management Skills Workshop, 1994, AT&T Oklahoma City Workshop.

Customer Service, 1995, AT&T Oklahoma City Workshop.

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Aging and the Workplace, 1995, Lucent Oklahoma City Workshop.

Competitive Intelligence, 1996, Society of Competitive Intelligence Professionals Workshop.

Open Minds/Open Doors, 1996, Lucent Oklahoma City Workshop.

Improving Our Competitive Advantage, 1997, Lucent Workshop.

Understanding Gay, Lesbian, and Bisexual Issues, 1997, Lucent Workshop.

ISO 14000, 1998, Lucent Workshop.

Gender Communications, 1998, Lucent Workshop.

Knock Your Socks off Customer Service, 1998, Lucent Workshop.

Global Performance Platform: Coaching and Feedback, 1999, Lucent Workshop

Four Habits of a Leader, 2000, Steven Covey Workshop.

Getting Good People to Stay, 2000, Lucent Workshop.

**SPONSORED RESEARCH:**

Principal Investigator, ANI Supply Chain Improvements, April 2003 – present. Sponsor: FAA Airway Facilities. Funding: \$52,819.

Principal Investigator, Stock Vulnerability – Phase II, Nov. 2002 – present. Sponsor: FAA Logistics Center. Funding: \$107,700.

Principal Investigator, ANI Supply Chain Improvements Proposal Development, Oct. 2002 – January 2003. Sponsor: FAA. Funding: \$24,489

Principal Investigator, Restocking Area G in LSF, Oct, 2002 – Jan. 2003. Sponsor: FAA Logistics Center. Funding: \$33,522.

Co-Principal Investigator, Material Logistics Improvements – Phase II, June 2003 – present. Sponsor: Oklahoma City Air Logistics Center. Funding: \$225,668.

Research Associate, Material Logistics Improvements/Building 3705 – Phase I, July 2002 – July 2003. Sponsor: Oklahoma City Air Logistics Center. Funding: \$113,095.

Research Associate, Distribution Security Requirements, Dec. 2001 – Oct. 2002. FAA Logistics Center. Funding: \$99,969.

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Principal Investigator and Project Director, March - July 1985. Formatting Alphanumeric CRT Displays. Sponsor: NASA-Ames Research Center.

Funding Level: \$39,960/Year

Research Associate, January 1983 - June 1983. Curriculum Development in Industrial Engineering. Sponsor: U.S. Department of Education

Funding Level: \$68,000/Year

Principal Investigator and Project Director, May 1981 - August 1984. A Computer-Aided Multi-Man-Machine Work Area Design and Evaluation System. Sponsor: Office of Naval Research.

Funding Level: \$170,000 Over Three Years

Research Associate and Director, January 1980 - December 1980. A Modified Learning Laboratory for Pre and Early Engineering Students. Sponsor: GE Foundation.

Funding Level: \$30,000/Year.

## **PUBLICATIONS AND PRESENTATIONS:**

### **BOOKS:**

Pulat, B.M. and D. Alexander (Editors). *Industrial Ergonomics: A Practitioner's Guide*. Industrial Engineering and Management Press, Atlanta, GA, 1985. Author of chapters:

1. Introduction
8. Summary
24. Ergonomics Equipment
25. Ergonomics Software
26. Ergonomics Bibliography

Pulat, B.M. and D.C. Alexander (Editors). *Industrial Ergonomics: Case Studies*, Industrial Engineering and Management Press, Atlanta, GA, 1991. Author of chapters:

1. An Overview of Industrial Ergonomics with D. C. Alexander.
9. A Job Performance Aid for ASRS Error Diagnosis and Scheduling Preventive Maintenance with T. M. Bryan.
10. Software Improvements Enhance Throughput in the Raw Material Buffer Zones with J. L. Glover.
13. Work Center Redesign Combines Tasks to Improve Productivity and Reduce Job Stress with C. E. Collins.

Pulat, B.M. *Fundamentals of Industrial Ergonomics*. Prentice-Hall, Inc., Englewood Cliffs, NJ, 1992.

Pulat, B.M. *Fundamentals of Industrial Ergonomics* (2nd Ed.), Waveland Press, 1997.

**BOOK CHAPTERS/JOURNAL PUBLICATIONS:**

- Pulat, B.M. and Chiang Wang. The Effectiveness of Mathematics Instruction in the CAI Mode: A Comparative Study. *Proceedings of 1982 National Educational Computing Conference*, Kansas City, June 1982, 258-262. Also published in *Engineering Education*, January, 1983, 319-320.
- Pulat, B.M. and M.A. Ayoub. Computer Aided Display, Control Selection Procedure for Process Control Jobs. American Industrial Hygiene Association Annual Meeting, Chicago, May, 1979. *IIE Transactions*, **16**: 4, 371-378, 1984.
- Pulat, B.M. Visual Determinants of Performance on a Close Inspection Job. *International Journal of Production Research*, **22**:6, 1055-1065, 1984.
- Pulat, B.M. (Book Review), Industrial Safety and Health Management. *Industrial Management*, **26**:3, p. 29.
- Pulat, B.M. and M.A. Ayoub. A Computer Aided Instrument Panel Design Procedure-LAYGEN. Human Factors Society Annual Meeting, Boston, MA, October, 1979. *IIE Transactions*, **17**:1, 84-93, 1985.
- Pulat, B.M. and P.S. Pulat. A Computer Aided Workstation Assessor for Crew Operations-WOSTAS. In the *Proceedings of the Human Factors Society 27th Annual Meeting*, Norfolk, VA. October, 1983, 887-991. Also published in *International Journal of Man-Machine Studies*, **22**, 103-126, 1985.
- Pulat, B.M. and A. Grice. Computer Aided Techniques for Crew Station Design-WORG, WOLAG. *International Journal of Man-Machine Studies*, **23**, 443-457, 1985.
- Nolan, F.X. and B.M. Pulat. Program Assists in Evaluating Lifting Task Injuries. *Industrial Engineering*, **18**:4, 23-24, 1986.
- Nolan, F.X. and B.M. Pulat. Calculating Energy Cost of Work in Kcal/Minute. *Industrial Engineering*, **18**:1, 20-22, 1986.
- Pulat, B.M. Formatting Alphanumeric CRT Displays. *International Journal of Man-Machine Studies*, **26**: 567-580, 1987.
- Winship, W.S. and B.M. Pulat. Ergonomic Applications at AS/RS. Presented at the 2nd Annual Industrial Ergonomics Conference, Miami, FL. June 13, 1987. Also published in *Trends in Ergonomics/Human Factors IV*, S. Asfour (Ed.), North Holland, 103-109, 1987.
- Winship, W.S. and B.M. Pulat. Ergonomic Improvements Boost AS/RS Performance by Easing Physical Burden on Vital Human Element, *Industrial Engineering*, **19**:7, 38-41, July 1987.

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- Pulat, B.M. and A.P.W. Hewett. Automating Manual Storeroom Zones in a Factory. *AT&T Technical Journal* **67**:2, 87-94, March/April 1988.
- Pulat, B.M. Human Reliability: A THERP Application at AS/RS. Presented at the 3rd Annual International Industrial Ergonomics and Safety Conference, New Orleans, LA, June 7-10, 1988. Also published in *Trends in Ergonomics/Human Factors V.*, F. Aghazadeh (Ed.), North Holland, 37-44, 1988.
- Pulat, P.S. and B.M. Pulat. Throughput Analysis in an Automated Material Handling System, *Simulation*, **52**:5, 195-198, May 1989.
- Pulat, B.M. and T. Bryan. Ergonomic Applications in the Unit-load AS/RS Design. *In Advances in Industrial Ergonomics and Safety I*, Anil Mital (Ed.), Taylor and Francis, 41-46, 1989.
- Pulat, B.M., D.C. Joshi, and R.G. Langmacher. Data Communications in Manufacturing. Published in the *Encyclopedia of Telecommunications*, F.E. Froehlich and A. Kent (Eds.), Marcel Dekker, Inc., **5**:135-168, 1992.
- Bryan, T.M. and B.M. Pulat. Software Tool Automates AS/RS Error Recovery and Preventive Maintenance Scheduling. *Industrial Engineering*, **21**:2, 43-45, February 1989.
- Pulat, B.M. and B.A. Stafford. Voice I/O Enhances Process Check Performance in Kitting of Electronic Assembly Components. *Speech Technology*, Oct/Nov 1989, **5**:1, 22-25.
- Pulat, B.M. and P.S. Pulat. A Decoupling Inventory Model and an Application. *IEEE Transactions on Engineering Management*, **39**:1, 73-76, 1992.
- Pulat, B.M., R.S. Chafee, and G.D. Wade. Ergonomics in Systems Design-A Case Study. *In Advances in Industrial Ergonomics and Safety II*. Das Biman (Ed.), Taylor and Francis, London, June 1990, 413-418.
- Pulat, B.M. and R.A. Cross. At AT&T, IE's are on the Shop Floor Closing Gaps and Solving Problems. *Industrial Engineering*, **23**:2, 51-52, 1991.
- Cross, R.A. and B.M. Pulat. Productivity and Quality Enhancements through Simulation: A Case Study. *In Productivity and Quality Management Frontiers III*, D.J. Sumanth, J.A. Edosomwan, D.S. Sink, and William B. Werther, Jr. Industrial Engineering and Management Press, 1991, 666-671.
- Wellman, J.A. and B.M. Pulat. Ergonomic Improvements in an Information Handling System. *In Advances in Industrial Ergonomics and Safety III*, W. Karwowski and J.W. Yates (Eds.), Taylor and Francis, London, June 1991, 909-914.
- Pulat, B.M. and P.S. Pulat. Exploring the Dimensions of a 3-D Competitive Manufacturing Model. *Industrial Engineering*, **23**:7, 39-42. Also presented at the International Engineering & Technology Management Conference, Portland, OR, October 1991.

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Pulat, B.M. Manual Material Handling and the NIOSH Lifting Guide. *Journal of Disability*, 2:3, 147-159, 1991.

Macemon, R.W. and B.M. Pulat. Productivity and Quality Improvements Through Benchmarking. In *Productivity and Quality Management Frontiers - IV*, D.J. Sumanth, J.A. Edosomwan, R. Poupart, D.S. Sink (Eds.), Industrial Engineering and Management Press, February 1993, 343-349.

Pulat, B.M. Total Quality Management: A Framework for Application in Manufacturing. *The TQM Magazine*, 6:1, 44-49, 1994.

Pulat, B.M. Benchmarking is More than Organized Tourism. *Industrial Engineering*, 23:3, 22-23, 1994.

Pulat, B.M. Process Improvements Through Benchmarking. *The TQM Magazine*, 6:2, 37-40, 1994.

Pulat, B.M. and Y.R. Fozdar. Benchmarking: An Effective Reengineering Tool. In *Productivity and Quality Management Frontiers - V*, D.J. Sumanth, J.A. Edosomwan, R. Poupart, C.G. Thor (Eds.), Industrial Engineering & Management Press, February 1995, 537-543.

Balch, S.N., Y.R. Fozdar, and B.M. Pulat. Employee Recognition and Quality/Productivity Improvement. *Productivity and Quality Management Frontiers - VI*, C.G. Thor, J.A. Edosomwan, R. Poupart, D.J. Sumanth (Eds.), Engineering and Management Press, March 1997, 385-393.

Pulat, B.M. Enhancing and Maintaining Quality Awareness: Why and How? *Productivity and Quality Management Frontiers - VII*, Sumanth D. J., W. B. Werther, Jr., J. A. Edosomwan(Eds.), Engineering and Management Press, April 1998, 119-125.

#### **PROCEEDINGS PUBLICATIONS/PRESENTATIONS/TECHNICAL REPORTS:**

Dagli, C., B.M. Pulat, A. Say, B. Tansel. Investment Planning for Sivas-Kangal Lignite Electric Project. *Technical Report*, Department of Industrial Engineering, METU, June 1975.

Dogrusoz, H., M. Parlar, B.M. Pulat, B. Sayin, A. Say, (Editors). The Balance Between Cost and Effectiveness of Military Equipment. *Proceedings of NATO-OTAN Defense Research Group Seminar*, Ankara, Turkey, September 17-19, 1975.

Pulat, B.M. and M.A. Ayoub. Task Specific Dimensions of Control Selection-An Expert Opinion Survey. *Human Factors Society Annual Meeting*, Boston, MA, October, 1979.

Pulat, B.M. and M.A. Ayoub. A Computer Aided Panel Design and Evaluation System: CAPADES. *International Ergonomics Association Annual Meeting*. Oslo, Norway, August, 1980.

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- Pulat, B.M. Microcomputer Software for Evaluating Risk Due to Manual Materials Handling Tasks. *Proceedings of Fall 1984 Institute of Industrial Engineers (IIE) Conference*, Atlanta, GA, October 28-31, 334-341.
- Green, A. and B.M. Pulat. Microcomputer Software for Workstation Design and Estimation of Energy Cost of Work. *Proceedings of Fall 1984 IIE Conference*, October 28-31, 342-349.
- Pulat, B.M. A Computer Aided Multi-Man-Machine Work Area Design and Evaluation System. *Technical Report*, North Carolina A&T State University, September, 1984.
- Pulat, B.M. Workstation Design and Human Computer Interface. Presented at the Fall 1984 IIE Conference, Atlanta, GA.
- Pulat, B.M. Ergonomics in Design. Presented at the 4th Annual Industrial Engineering Symposium, University of Oklahoma, May 2, 1986.
- Pulat, B.M. and P. Rives. Time Series Analysis of Factory Inventory. Presented at the Annual AT&T Manufacturing Systems Workshop, Allentown, PA, February 11, 1987.
- Pulat, B.M. Speech Technologies and Applications. Presented at the 5th Annual Industrial Engineering Symposium, University of Oklahoma, April 30, 1987.
- Pulat, B.M. A Human Reliability Analysis and THERP Application at AS/RS. Spring 1987 Reliability Information Forum, AT&T Bell Laboratories and Oklahoma City Works, April 1987.
- Pulat, B.M. Speech Technologies and Industrial Applications. Presented at the University of Stuttgart, West Germany, June 19, 1987.
- Baker, P.D., B.M. Pulat, B.H. Sharp, and G.D. Wade. A Roadmap to Manufacturing Excellence. *Proceedings of the 1987 Fall IIE Conference*, Nashville, TN, 11-16, November 5-7.
- Pulat, B.M. and R. Miniyar. Modeling Applications in Material Operations at the Oklahoma City Works. Presented at the Annual AT&T Manufacturing Systems Workshop, East Windsor, NJ, March 7-9, 1988.
- Pulat, B.M., and P.S. Pulat. Performance Analysis of Automated Storage and Retrieval Systems: A Comparative Approach. *Proceedings of the 1988 Winter Simulation Conference*, December 12-14, San Diego, CA, 591-596.
- Pulat, B.M. Computer Integrated Manufacturing at the AT&T Oklahoma City Works. *Proceedings of the 1989 International Industrial Engineering Conference*, Toronto, Canada, May 15-17, 41-46.
- Pulat, B.M. Computer Integration in Material Operations. *Proceedings of the 1989 International Electronics Assembly Conference*, January 23-25, San Jose, CA.
- Stafford, B.A. and B.M. Pulat. Voice Recognition and the 3B Computer. *Proceedings of the First 3B Users Conference*, Oklahoma City, June 26-29, 1989, 832-839.

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- Pulat, B.M. Computer Aided Material Handling. *1989 Southwestern Computing Conference*, Oklahoma City, OK, April 11, 1989.
- Pulat, B.M. Ergonomics of Automated Material Handling. Presented at the Annual AT&T Manufacturing Systems Engineering Conference, March 13-15, 1989, East Windsor, NJ.
- Pulat, B.M. Automation in Raw Material Handling at the AT&T Oklahoma City Works. *Proceedings of the 10th International Conference on Automation in Warehousing*, Dallas, TX, October 16-18, 1989, 231-237.
- Cross, R., B.M. Pulat, F. Feng. Firmware Process Improvements at the Oklahoma City Works. 1990 AT&T Conference on Manufacturing Systems Engineering, East Windsor, NJ, March 19-21.
- Smith, R.L., J.R.Clobes, and Pulat, B.M. An AT&T 3B2/310 Based Test and Tracking System for Discrete Components. 1990 AT&T Conference on Electronic Testing, Princeton, NJ, May 8-10, 68.35. 1-5.
- Smoot, D.L., and B.M. Pulat. Removed Component Analysis and Resolution: Structure. Presented at the 1990 AT&T Reliability Information Forum, September 11-13, Little Rock, AR.
- Clobes, J.R., D.L. Smoot, and B.M. Pulat. Removed Component Analysis and Resolution: Case Studies. Presented at the 1990 AT&T Reliability Information Forum, September 11-13, Little Rock, AR.
- Smoot, D.L. and B.M. Pulat. Don't Eliminate Incoming Test--Move It! *Proceedings of the 1991 International Test Conference*, Nashville, TN, October 26-30, 454-462.
- Pulat, B.M. Total Quality Management (TQM): An Evolutionary Model. *Proceedings of the 1991 Oklahoma Quality Conference*, ASQC Tulsa/Oklahoma Chapters, 16-23.
- Pulat, B.M. and L.M. Streb. Position of Component Testing in Total Quality Management (TQM). *Proceedings of International Test Conference*, 1991, September 20-24, Baltimore, MD, 362-366.
- Pulat, B.M. and K.D. Ikelberry. PLD Test Strategy Determination Through Designed Experiments. Presented at the 1991 AT&T Workshop on Manufacturing Systems Engineering, Bedminister, NJ. April 15-17.
- Pulat, B.M. Ergonomics, Biomechanics, NIOSH Formula. Presented in the American Academy of Disability Evaluating Physicians Clinical Training Course, Chicago, IL, April 9, 1991 and September 24, 1991.
- Pulat, B.M. TQM: From Definition to Application. Presented in the September 1991 Meeting of IIE Oklahoma City Senior Chapter, also at GM Factory, Oklahoma City, OK.
- Pulat, B.M., M. Johnsen, and D. Vance. Working with Benchmarking Consultants: Experiences and Lessons Learned. AT&T Manufacturing Benchmarking Workshop, Denver, CO, February 13 - 14, 1992.

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Smoot, D.C., and B.M. Pulat. Customer Satisfaction Through Teamwork: A Case for Design for Quality. In *Proceedings of AT&T DFX Conference '92*, May 20-21, 1992, p. 50.

Pulat, B.M. Electronics Manufacturing Technology. Presented at the First Africa-USA International Conference on Manufacturing Technology, Lagos, Nigeria, January 1993.

Pulat, B.M. Design of Experiments. White Paper, AT&T Oklahoma City Works, January 1994.

Pulat, B.M. ISO Internal Audits: A Comprehensive Approach. *Proceedings of the 1994 Tulsa/Oklahoma City ASQC Conference*, April 19-20, Oklahoma City.

Pulat, B.M., and Y.R. Fozdar. Benchmarking: An Effective Reengineering Tool. Presented at the Quality Leadership Symposium. ASQC Oklahoma City/Tulsa Chapters and Oklahoma State University, Oklahoma City, OK, April 19-20, 1994.

Pulat, B.M. Benchmarking. ASQC Oklahoma City Chapter Presentation, December 15, 1994.

Pulat, B.M. Benchmarking Overview: Definitions, Scope and Approach. Southwest Regional Quality Conference: Benchmarking in the 90's, OSU/ASQC Oklahoma City Chapter, April 27, 1995.

Pulat, B. M. Quality: Where we were..Where we are..Presented at the *Seventh National Quality Congress*, Istanbul, Turkey. November 11-12, 1998. (invited speech)

Pulat, B. M. Logistics Security Best Practices. Technical Report, University of Oklahoma. March 2002.

Pulat, B. M. Logistics Security: The Problem and Benchmarks, *Logistics Security Forum*, University of Oklahoma, March 2002.

Pulat, B. M. Logistics Security: A Security System Framework, *Logistics Security Forum*, University of Oklahoma. March 2002.

Pulat, B. M. Workload Standards for Family Services Division Field Staff, Oklahoma Department of Human Services, Ok City, OK. Technical Report, July 2002.

Pulat, B. M. Logistics Under Heightened Security Requirements, *CELDi Fall Conference*, Tulsa, OK. October 2002.

Pulat, B. M. OU CELDi Research Activities, Presented at the Spring CELDi Research Conference, Stillwater, OK. April 2003.