

Curriculum Vitae
HEATHER DAY PFEIFFER

OFFICE ADDRESS

Akamai Physics, Inc.
1725 Marquess St.
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HOME ADDRESS

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Las Cruces, NM 88007-5548

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EDUCATION

New Mexico State University, Las Cruces, August 1991 - December 2007

Degree: Doctorate of Philosophy in Computer Science.

Dissertation: The Effect of Data Structures Modifications On Algorithms for Reasoning Operations
Using a Conceptual Graphs Knowledge Base

Advisor: Dr. Roger T. Hartley

New Mexico State University, Las Cruces, January 1985 - May 1988

Degree: Master of Science in Computer Science.

University of Washington, Seattle, March 1979 - December 1983

Post-graduate curriculum emphasizing mathematics, computer graphics, and computer data structures.

University of Washington, Seattle, September 1973 - June 1977

Degree: Bachelor of Science in Microbiology/Biology.

RESEARCH INTERESTS

Software development of fast algorithms and data structures, modeling systems, data analysis systems, knowledge base and data base management systems, heterogeneous multi-core computer architectures, image analysis systems, programming language tools, computer graphics, user interfaces and/or XML Schema/DTD application development.

PROFESSIONAL EXPERIENCE

Senior Software Engineer: Akamai Physics, Inc., Las Cruces, New Mexico, July 2012 - Present.

Adjunct Faculty: Dona Ana Community College, New Mexico State University, Las Cruces, New Mexico,
August 2007 - Present.

College Faculty: Klipsch School of ECE (on Graduate Faculty), New Mexico State University, Las Cruces, New Mexico,
January 2008 – June 2012.

Adjunct Faculty: Department of Computer Science, University of Texas at El Paso, El Paso, Texas, January 2011
- May 2011.

Staff: Faculty Senate and Provost Webmaster in Provost Office, New Mexico State University, Las Cruces,
New Mexico, August 2007 - May 2011.

Senior Computer Scientist: Horton Technical Associates, Inc., Las Cruces, New Mexico, June 2005 - December 2006.

Graduate Programmer Analyst: Biology Department, New Mexico State University, Las Cruces, New Mexico,
November 2002 - December 2003, February 2005 - May 2005.

Teaching and Research Assistant: Computer Science Department and Computing Research Laboratory, New Mexico
State University, Las Cruces, New Mexico, August 1985 - May 1987, January 1994 - December 1996,
August 1997 - June 1998, August 2001 - December 2001.

Computer Specialist: New Mexico State University, Computing Research Laboratory, Las Cruces, New Mexico,
May 1987 – November 1993.

Intern: Las Cruces Police Department, Las Cruces, New Mexico, February 1992 - May 1993.

Systems Analyst: Boeing Computer Services, The Boeing Company, Seattle, Washington, May 1980 - August 1984.

Research Staff: University of Washington, Department of Psychiatry and Behavioral Sciences, Seattle, Washington,
June 1979 – May 1980

Consultant:

Akamai Physics, Inc., Las Cruces, New Mexico, October 2010 – June 2012;
American Society for Engineering Education (ASEE) and Office of Naval Research (ONR),
Dahlgren, Virginia, May 2011 – July 2011, May 2012 – August 2012;
Institute for Leadership Website, New Mexico, June 2008 - November 2008;
Data Fusion Technologies, Inc., Las Cruces, New Mexico, May 1999 - June 2001;
OptiMetrics, Forest Hill, Maryland, October 1996 - December 1997;
Science Applications International Corporation, Joppa, Maryland, January 1994 - July 1994,
September 1995 - October 1996, June 1997 - September 1997;
Archeological Research Laboratories, Las Cruces, New Mexico, August 1986 - April 1987.

PROFESSIONAL AFFILIATIONS

Association for Computing Machinery (ACM)
IEEE & IEEE Computer Society
The American Society for Information Systems and Technology (ASIS&T)

SPECIAL ACHIEVEMENTS

Chair

Co-Program Chair for the **20th International Conference on Conceptual Structures**, Homi Bhabha
Centre for Science Education (TIFR), Mumbai, India, January 2013.
Chair of **Membership** in association with the **American Society of Information Science and Technology,
ASIS&T**, 2011, 2012 & 2013.
Co-Program Chair for the **Workshop on Knowledge Management of Social Network** in association with
ASIS&T'11 Annual Meeting, New Orleans, LA, October 2011.
Chair of **SIG-KM** in association with the **American Society of Information Science and
Technology, ASIS&T**, 2009 & 2011.
Co-Program Chair for the **Extraction of Structured Information from Texts in the Biomedical
Domain Workshop, ESIT-BioMed 2010** in associated with the **18th International
Conference on Conceptual Structures**, Kuching, Sarawak, Malaysia, July 2010.
Co-Program Chair for the **Second Conceptual Structures Interoperability Workshop**
associated with the **15th International Conference on Conceptual Structures**,
Sheffield Hallam University, Sheffield, UK, July 2007.
Co-Program Chair for the **12th International Conference on Conceptual Structures**,
Univ of Alabama, Huntsville, July 2004.
Co-Program Chair for the **CGTools Workshop** associated with the **9th International
Conference on Conceptual Structures**, Univ of Stanford, Stanford, July 2001.
Program Chair for the **Seventh Annual Workshop on Conceptual Graphs**, NMSU,
Las Cruces, July 1992.

Editorial Board and Program Committee

Member of ICKM Council, 2009 - Present
Track Chair for ICKM, 2009
Member of ICKM Program Committee, 2008 - Present
Member of ICCS Editorial Board, 2001 - Present
Member of ICCS Program Committee, 1992 - 2000

Reviewer

EEML Workshop, 2013

OR2012 Workshop, 2012

ASIS&T, 2009 & 2013

Journal of Applied Intelligence, 2007 - Present

Journal on Information and Knowledge Management, 2007 – Present

ACM Crossroads, 2006-2007

ICCS, 1991 - Present

Service

National Laboratories Advisory Workshop 2012

Capstone Mentor, 2010 - 2011

NM BEST Purchasing Agent (2010), Webmaster (2010) and Scorekeeper, 2009 – 2010

Certifications

National Instruments Certified LabVIEW Associate Developer

GRANTS, FELLOWSHIPS AND PROPOSALS

Received a 25,000 dollars contract for **LRLAP Support** through the Naval Weapon Surface Center, NWSC, Dahlgren, VA, August 2011 - March 2012. PC: Heather D. Pfeiffer

Received a 14,000 dollars ASEE/ONR Summer Faculty Fellowship as a **Research Fellow**, Dahlgren, VA, May 2011 - July 2011, May 2012 – August 2012.

Received a 299,000 dollars over 3 years NSF/BPC for **Project ENABLE: Enabling Individuals with Disabilities Greater Participation in Computing Through Knowledge, Technology, and Mentoring**, January 2011 - July 2014. PI: Jeanine Cook, and co-PI: Heather D. Pfeiffer.

Denied a 159,171 dollars NIH/U54 for **Comprehensive Analysis of T cell Receptor Reconstitution After Umbilical Blood Transplant**, submitted May 3, 2010. PI: Heather D. Pfeiffer, and PI: Edus H. Warren, III.

Received a 192,000 dollars over 2 years NSF/SGER for **Project ENABLE: Enabling Greater Participation of the Disabled in Computing through Early Intervention**, July 2008 - June 2010. PI: Jeanine Cook.

Denied a 50,000 dollars IRG for **Generic Viterbi Algorithm Built into a Parallelized Platform**, submitted December 19, 2008. PI: Heather D. Pfeiffer, and co-PI: Brook Milligan.

Denied a 725,000 dollars over 3 years Air Force Research Laboratory Information Directorate for **Temporal and Spatial Reasoning Methodologies to Improve Noisy Multiple-Source Intelligence Algorithms**, submitted December 8, 2006. PIs: Heather D. Pfeiffer and Dan Tappan.

Received a 11,000 dollars AWU Graduate Fellowship out of PNL-AES for **Automated Message Thread Analysis**, Ft. Lewis, WA, April 1994 - December 1994.

Received a 235 dollars Graduate Research Grant for **Using Conceptual Structures to Store Data in Database Records**, NMSU, January 1994.

PUBLICATIONS

BOOK EDITOR

Pfeiffer, H.D., D.I. Ignatov, J. Poelmans, G. Nagarjuna (eds.) *Conceptual Structures for Knowledge Representation for STEM Research and Education, ICCS 2013, LNAI 7735*. Heidelberg, W. Germany: Springer-Verlag (2013).

Pfeiffer, H.D., A. Kabbaj and D. Benn (eds.) *Second Conceptual Structures Tool Interoperability Workshop, CS-TIW 2007*. Milton Keynes, UK: Research Press International (2007).

Pfeiffer, H.D., K.E. Wolff and H.S. Delugach (eds.) *Conceptual Structures at Work, Contributions to ICCS 2004*. Aachen, Germany: Shaker Verlag (2004).

Wolff, K.E., H.D. Pfeiffer and H.S. Delugach (eds.) *Conceptual Structures at Work, 12th International Conference on Conceptual Structures, Proceedings of ICCS 2004, LNAI 3127*. Heidelberg, Germany: Springer (2004).

Pfeiffer, H.D. and T.E. Nagle (eds.) *Conceptual Structures: Theory and Implementation, LNAI 754*. Heidelberg, W. Germany: Springer-Verlag (1993).

Guest Editor

Pfeiffer, H.D., and E.L. Tonkin (eds.) "Knowledge Management of Social Networks: Personal and Professional Information Management", *Bulletin of the American Society for Information Science and Technology*, 38(2), December/January (2011).

Journal Articles (Paper and Online), Book Chapters, Magazine Articles (Paper and Online) and Dissertation

Tonkin, E.L. and H.D. Pfeiffer: "Case Study: Collaborative Ontology Building", to be submitted to *Journal on Information and Knowledge Management*, (2014).

Tonkin, E.L., H.D. Pfeiffer and G.J.L. Tourte: "Analyzing Clusters and Constellations from Untwisting Shortened Links on Twitter Using Conceptual Graphs" in H.D. Pfeiffer et al. (Eds.): *Conceptual Structures for Knowledge Representation for STEM Research and Education, ICCS 2013, LNAI 7735*, January (2013).

Tonkin, E.L., H.D. Pfeiffer and G.J.L. Tourte: "Twitter, Information Sharing and the London Riots?", *Bulletin of the American Society for Information Science and Technology*, 38(2), December/January (2011).

Pfeiffer, H.D. and E.L. Tonkin: "eTagging in Context: Information Management across Community Networks", in Dumova, T., & Fiordo, R. (Eds.). *Handbook of Research on Social Interaction Technologies and Collaboration Software: Concepts and Trends*. Hershey, PA: Information Science Reference. ISBN 9781605663685, IGI Global Press, July (2009).

Tonkin, E., E.M. Corrado, H.L. Moulaison, M.E.I. Kipp, A. Resmini, H.D. Pfeiffer, and Q. Zhang: "Collaborative and Social Tagging Networks", in *Ariadne, Issue 54, January* (2008).

Pfeiffer, H.D.: "The Effect of Data Structures Modifications on Algorithms for Reasoning Operations Using a Conceptual Graphs Knowledge Base", in *PhD Dissertation at New Mexico State University*, December (2007).

Pfeiffer, H.D. and R.T. Hartley: "A Comparison of Different Conceptual Structures Projection Algorithms", in U. Priss, S. Polovina, and R. Hill (eds), *Conceptual Structures: Knowledge Architectures for Smart Applications, LNAI 4604, ICCS 2007*, pp. 165-178 (2007).

Pfeiffer, H.D. and J.J. Pfeiffer, Jr.: "Representation Levels Within Knowledge Representation" (position paper), in U. Priss, S. Polovina, and R. Hill (eds), *Conceptual Structures: Knowledge Architectures for Smart Applications, LNAI 4604, ICCS 2007*, pp. 484-487 (2007).

Keeler, M.A. and H.D. Pfeiffer: "Building a Pragmatic Methodology for KR Tool Research and Development," in *Conceptual Structures: Inspiration and Application, LNAI 4068, 14th International Conference on Conceptual Structures, ICCS 2006*, Aalborg, Denmark, pp. 314-330 (2006).

Pfeiffer, H.D.: "An Exportable CGIF Module from the CP Environment: A Pragmatic Approach," in *Conceptual Structures at Work, 12th International Conference on Conceptual Structures, ICCS 2004, LNAI 3127*, Huntsville, Alabama, USA, pp.319-332 (2004).

Coombs, M.J., H.D. Pfeiffer and R.T. Hartley: "e-MGR: an Architecture for Symbolic Plasticity," in the special issue of *International Journal of Man-Machine Studies* on "Symbolic Problem Solving in Noisy, Novel, and Uncertain Task Environments" 36, pp.1-17 (1992).

Fields, C.A., J.E. Newberry, H.D. Pfeiffer, C.A. Soderlund, S.F. Kirby and G.B. McWilliams: "Mercury: A heterogeneous system for spatial extrapolation of mesoscale meteorological data," in *International Journal of Man-Machine Studies* 36, pp.309-326 (1992).

Pfeiffer, H.D. and R.T. Hartley: "Temporal, Spatial, and Constraint Handling in the Conceptual Programming Environment, CP," in *Journal for Experimental and Theoretical AI* 4:2, pp.167-182 (1992).

Pfeiffer, H.D. and R.T. Hartley: "The Conceptual Programming Environment, CP," in T. Nagle, J. Nagle, L. Gerholz, and P. Eklund (Eds) *Conceptual Structures: Current Research and Practice*. West Sussex, England: Ellis Horwood Limited (1992).

Fields, C.A., H.D. Pfeiffer and T.C. Eskridge: "Knowledge representation and control in gm1, and automated DNA sequence analysis system based on the MGR architecture," in *International Journal of Man-Machine Studies*, 34, pp. 549-573 (1991).

Pfeiffer, H.D. and C.A. Fields: "A local circuit simulation tool," in *Neural Networks* 1(Suppl. 1), pp. 269 (1988).

Martin, J.C., D.C. Martin, G. Sigman and H. Day-Pfeiffer: "Saccharin preferences in food deprived aging rats are altered as a function of perinatal drug exposure," in *Physiology & Behavior*, 30:6, pp. 853-858 (1983).

Conference and Workshop Articles (Papers and Posters), Presentations and Technical Reports

Edgar, W., P. Wester, P. Chiomenti, C. Doran, S. Hirsch, J. Warner and H.D. Pfeiffer: "In Search of a Unifying Principle: Archives, Knowledge Management, Library Management, and Records Management", *Proceedings of Panel Presentations at 2012 Annual Meeting, ASIS&T'12*, October (2012).

Tonkin, E.L., H.D. Pfeiffer and G.J.L. Tourte: "Clusters and Constellations: Untwisting Shortened Links", *Proceedings of Poster Presentations at 2012 Annual Meeting, ASIS&T'12*, October (2012).

Tonkin, E.L. and H.D. Pfeiffer: "Information sharing in the London Riots", *Presentation at SIG KM Workshop: Knowledge Management of Social Network*, New Orleans, LA, October (2011).

Tonkin, E.L., and H.D. Pfeiffer: "Data-Driven or Background Knowledge Ontology Development", in *Proceeding of ICKM*, part of ASIS&T'10 Annual Meeting, Pittsburgh, PA, November (2010).

Tonkin, E.L., H.D. Pfeiffer and A. Hewson: "An evidence-based approach to collaborative ontology development", *Poster at WMM Workshop: Automated development, evolution, and interpretation of ontologies*, part of AISB'10 Convention, Leicester, UK, March (2010).

Swain, D., H.D. Pfeiffer, Q. Zhang, M. McClelland, E.L. Tonkin and C. Seay: "Health Informatics: A Case Study on Knowledge Management and Interoperability of Records", in *Proceeding of ICKM*, December (2009).

Pfeiffer, H.D., and E.L. Tonkin: "Evidence-based software engineering methods for development, analysis and evaluation of data structures", *Poster at SIG CR Workshop: Bridging Worlds, Connecting People: Classification Transcending Boundaries*, Vancouver, BC, November (2009).

Pfeiffer, H.D., N.R. Chavez, Jr., and R.T. Hartley: "Using and Interfacing Background Knowledge in Story Understanding", in *Proceeding of SENSE'09 - conceptual Structures for Extracting Natural language Semantics Workshop* at the 17th International Conference on Conceptual Structures (ICCS'09), pp 58-66, July (2009).

Dutill, B., T. Owen, M. Deng, H.D. Pfeiffer, and J. Cook: "Performance Optimization of Open-source Astrophysics Codes", *Poster at Supercomputing'08*, Austin, Tx, November (2008).

Pfeiffer, H.D., E. Tonkin, M.R. Lindner, D.R. Millen, and M.E.I. Kipp: "Tagging as a Communication Device: Every Tag Cloud has a Silver Lining", in *Proceedings of 2008 Annual Meeting, ASIS&T'08, People Transforming Information - Information Transforming People*, Columbus, OH, October (2008).

Tonkin, E. and H.D. Pfeiffer: "A Case Study of Software-Assisted Collaborative Ontology Building", *Presentation at ICKM*, October (2008).

Zhang, Q., T. Krichel, C. Malone, H.D. Pfeiffer, and S.L. Shreeves: "Knowledge Sharing and Management in Open Access e-Resources and Communities", in *Proceedings of 2008 Annual Meeting, ASIS&T'08, People Transforming Information - Information Transforming People*, Columbus, OH, October (2008).

Pfeiffer, H.D., Q. Zhang, E. Tonkin, E.M. Corrado, M.E.I. Kipp, and H.L. Moulaison: "Tagging and Social Networks: The Impact of Communities on User Centered Tagging", in *Proceedings of Panel Presentations at 2007 Annual Meeting, ASIS&T'07, Joining Research and Practice: Social Computing and Information Science*, Milwaukee, WI, October (2007).

Pfeiffer, H.D., N.R. Chavez, Jr. and J.J. Pfeiffer, Jr.: "CPE Design Considering Interoperability" In the Second Conceptual Structures Tool Interoperability Workshop, CS-TIW 2007, Sheffield Hallam University, Sheffield, UK, pp 71-76 (2007).

Pfeiffer, H.D.: "Games for Co-Evolution of Digital Resources and Knowledge Tools" (poster), in *Information Realities: Shaping the Digital Future for All, Proceedings of ASIS&T'06*, Austin, TX (2006).

Keeler, M.A. and H.D. Pfeiffer: "Collaboratory testbed partnerships as a knowledge capture challenge" (poster), in P. Clark and G. Schreiber, editors, *Proceedings of the Third International Conference on Knowledge Capture, KCAP'05*, ACM Press, pp. 203-204 (2005).

Hartley, R.T. and H.D. Pfeiffer: "Data Models for Conceptual Structures," in *Foundations and Applications of Conceptual Structures, Contributions to ICCS 2002*, Borovets, Bulgaria (2002).

Pfeiffer, H.D. and R.T. Hartley: "ARCEdit- CGEditor," in *CGTools Workshop Proceedings in connection with ICCS 2001*, Stanford, CA. [Access Online: July 2001], URL: <http://www.cs.nmsu.edu/~hdp/CGTools/proceedings/papers/ARCEdit.pdf> (2001).

Pfeiffer, H.D. and R.T. Hartley: "Visual CP Representation of Knowledge," in *Supplemental Proceedings of the 8th International Conference On Conceptual Structures, ICCS 2000*, Darmstadt, Germany (2000).

Matthew, W.T., W.R. Santee, R.W. Hoyt, P. Tikuisis, E.S. Barnes, G.B. McWilliams, H.D. Pfeiffer and J. Furlong, "Automated Thermal Injury Risk Assessment In The Dismounted Infantry Battlespace," in *Proceedings of 1996 Battlefield Atmospheric Conference*, San Diego, CA (1996).

Pfeiffer, H.D. and B.J. Waltar: "Automated Message Analysis Using the Conceptual Programming Environment, CP," in *Proceedings of the 3RD International Conference On Conceptual Structures*, Santa Cruz, CA (1995).

Pfeiffer, H.D.: "Research in Automating Weather Templating Procedures of Aerial Intelligence Preparation of the Battlefield (AIPB): Final Report," in *Department of Computer Science, Tech Report*, NMSU-CSTR-9418, New Mexico State University, Las Cruces, NM (1994).

Stewart, T.S., B.J. Waltar, H.D. Pfeiffer, D.A. Gellert and J.S. Wilson: "Research Support to Warrior Pull: Final Report," in *Army Experimentation Site*, Task Order 94-10, Pacific Northwest Laboratory, Ft. Lewis, WA (1994).

Matthew, W.T., R.E. McNally, G.B. McWilliams, S.F. Kirby and H.D. Pfeiffer, "Integration of a Heat Strain Prediction Model with Army Weather Data Resources," in *Proceedings of 1993 Battlefield Atmospheric Conference*, Las Cruces, NM, pp. 479-486 (1993).

Pfeiffer, H.D.: "TWIST: Reasoning Within The Combined Mercury and WADIF Systems," in *Proceedings of 1993 Battlefield Atmospheric Conference*, Las Cruces, NM, pp. 557-568 (1993).

Pfeiffer, H.D. and E.J. Burlbaw: "The Use Of An Intelligent Interface For The Predictive Technology Database," in *Proceedings of Predictive Technology Symposium, 1993*, Orlando, FR, pp. 31-37 (1993).

Hartley, R.T., H.D. Pfeiffer and Dihong Qui: "Representation for ViewGen: Structures and Reasoning," in *Workshop on Propositional Knowledge Representation*, Stanford, CA (1992).

Coombs, M.J. and H.D. Pfeiffer: "Robust Symbolic Problem Solving for Behavioral Information Fusion," in *Working notes of Symposium on Knowledge and Action at Social & Organizational Levels*, Asilomar, CA, 29-31 (1991).

Pfeiffer, H.D. and R.T. Hartley: "The Conceptual Programming Environment, CP: Time, Space and Heuristic Constraints," in *Proceedings of the Sixth Annual Workshop on Conceptual Graphs*, Binghamton, NY (1991).

Pfeiffer, H.D. and R.T. Hartley: "The Conceptual Programming Environment, CP: Reasoning Representation using Graph Structures and Operations," in *Proceedings of IEEE Workshop on Visual Languages*, Kobe, Japan (1991).

Coombs, M.J., H.D. Pfeiffer, W.B. Kilgore and R.T. Hartley: "How to Become Immune to Facts," in *Fifth Rocky Mountain Conference On Artificial Intelligence (RMCAI-90)*, Las Cruces, NM, 207-212 (1990).

Coombs, M.J., R.T. Hartley and H.D. Pfeiffer: "Developing Computing Technology for Modeling Enemy Intentions using Environmental and Doctrinal Information," in *Memoranda in Computer and Cognitive Science*, MCCS-90-184, Computing Research Laboratory, New Mexico State University, Las Cruces, NM (1990).

Eshner, D.P. and H.D. Pfeiffer: "A Graph Theoretic Basis For Problem Solving," in *Fifth Rocky Mountain Conference On Artificial Intelligence (RMCAI-90)*, Las Cruces, NM, 161-166 (1990).

Pfeiffer, H.D. and R.T. Hartley: "Set Representation and Processing Additions to Conceptual Programming," in *Proceedings of the Fifth Annual Workshop on Conceptual Graphs*, Boston, MA, A.15-1 - 10 (1990).

Fields, C., C. Cavendish, M. Coombs, T. Eskridge, R. Hartley, H. Pfeiffer, C. Soderlund, S. Kirby and G. McWilliams: "Architecture of the MERCURY mesoscale meteorological data fusion system," in *Preprints of the Fifth International Conference on Interactive Information and Processing Systems for Meteorology, Oceanography, and Hydrology*, Boston: American Meteorological Society, pp. 334-338 (1989).

McWilliams, G., S. Kirby, C. Fields, M. Coombs, T. Eskridge, R. Hartley, H. Pfeiffer and C. Soderlund: "Army requirements for an intelligent interface to a real-time meteorological database," in *Preprints of the Fifth International Conference on Interactive and Information Processing Systems for Meteorology, Oceanography, and Hydrology*, Boston: American Meteorological Society, pp. 1-2 (1989).

Pfeiffer, H.D. and R.T. Hartley: "Semantic Additions to Conceptual Programming," in *Proceedings of the Fourth Annual Workshop on Conceptual Graphs*, Detroit, MI, 6.0.7-1 - 8 (1989).

Coombs, M.J., R.T. Hartley and H.D. Pfeiffer: "Conceptual Reasoning in Mobile Intelligent Robots," in *Report 1. to Sandia Mobile Robot Project*, CRL, New Mexico State University, Las Cruces, NM (1986).

Pfeiffer, H.D.: "Graph Definition System," in *Proceedings of the Second New Mexico Computer Science Conference*, pp.97-103 (1986).

Hamed, L.B. and H.D. Pfeiffer: "Engineering/Manufacturing Data Base Management – The IPAD Approach," in *Proceedings of European Control Data Users - 36*, pp. 2.198-2.203 (1983).

TEACHING

Computer Science Department

- CS167 - C Programming
- CS177 - C++ Programming
- CS187 - Java Programming
- CS272 - Introduction to Data Structures
- CS273 - Machine Programming and Organization
- CS474 - Operating Systems

Klipsch School of Electrical and Computer Engineering

- EE161 - Engineering Problem Solving Using C
- EE363 - Computer Architecture I
- EE418/419 - Capstone Design (I and II) - OSU Robotics

DACC - East Mesa:

- CS110 - Computer Literacy (in class room and online)
- CS171G - Introduction to Computer Science (online)
- OECS128 - Operating Systems - Linux/Unix
- OECS215 - Spreadsheets
- OECS250 - Computer Systems Analysis I

Department of Computer Science, University of Texas at El Paso

- CS2302 - Data Structures

PERSONAL

BORN: February 11, 1955
Dallas, Texas

HOBBIES: New Horizons Band & New Horizons Symphony
Mesilla Valley Concert Band
Theatre Lights, Sound, Crew, & Props
Treasurer for NHB

SECURITY CLEARANCE: Secret (DOD)

Heather D. Pfeiffer

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