

**Vita**  
**Cherry Owen, Ph.D.**  
**Assistant Professor and Area Coordinator of Computer Science**  
**July 1, 2005**

**Education**

Ph.D., 2002, Texas Tech University  
Major: Computer Science  
Dissertation: *Evaluating the Infrastructure of software Applications*

M.S., 1977, McNeese State University  
Major: Mathematical Sciences  
Includes math, computer science, and statistics.  
Thesis in computer science: *Data Compression and Encoding Techniques*

B.S., 1974, McNeese State University  
Major: Computer Science

**Professional Work Experience**

*University of Texas of the Permian Basin*  
Lecturer of Computer Science and Mathematics, 10 years  
Assistant Professor, 3 years  
Area Coordinator of Computer Science, current year

*Exxon Company, USA, 7 years*  
Senior Systems Analyst

*Louisiana State University*  
Instructor of Computer Science, 4 years

*TBW Industries, SMATCO, Inc., Pnu-Tank Division, 1 year*  
Computer Programmer in Engineering

*Chromalloy Natural Resources, 1 year*  
Computer Programmer

**Professional Activities**

**Dissertation:**

Owen, Cherry Keahey. "Evaluating the Infrastructure of Software Applications,"  
A dissertation in computer science, Texas Tech University, August 2002.

**Refereed Papers and Presentations:**

Owen, Cherry. "QUICK Scheduler, A Time-Saving Tool for Scheduling Class  
Sections," to be presented and published in the Proceedings of the *ACM  
SIGUCCS Fall 2005 Conference*, Monterey, CA, November 6-9, 2005.

Owen, Cherry Keahey. "Evaluating the Infrastructure of Software Applications," Proceedings of the ICSE-02 Doctoral Symposium, International conference on Software Engineering, Orlando, FL, USA, Tuesday May 21, 2002.

Owen, Cherry keahey. "Evaluating the Infrastructure of Software Applications," *Proceedings of the SIGCSE 2002 Doctoral Consortium*, February 2002, Cincinnati, Ohio, USA.  
<http://www.radford.edu/~sigcse/DC02/participants/owen.html>.

Owen, Cherry Keahey. "The Role of Experimentation to Show Proof-of-Concept," *Proceedings of the SIGCSE 2001 Doctoral Consortium*, February 20, 2001, Charlotte, NC, USA.  
<http://www.radford.edu/~sigcse/DC01/participants/owen.html>.

Sam Chung; Douglas Hale; Maggie Ma; Van Trinh; Kathy Miller; Cherry Owen. "Renovating Web Sites by Using Round-Trip Software Engineering with UML," *The University of Texas System Information Technology & Distance Education Conference 2000*, May 16-18, 2000.  
(Presentation)

**Other Papers and Presentations:**

Owen, Cherry. "Experimentation," Poster presentation at Texas Tech University Open House, September, 1999.

Owen, Cherry. "Licensed Software Engineering: View by Cherry Owen," *ACM South Central Regional Programming Contest Faculty Workshop*, Rice University, October, 1998.

Seminars for the faculty of the University of Texas of the Permian Basin  
Introduction to Windows – October 4, 1994  
Introduction to Microsoft Word – October 26, 1994  
Introduction to Microsoft Excel – October 27 and November 2, 1994  
Microsoft Word, Combining Documents – October 31, 1994

**Creative Work – Computer Application:**

Owen, Cherry. "Q.U.I.C.K. – Querying University Instructional Schedule for courses and Knowledge," computer application currently being used by Texas Tech students for registration scheduling. Original version completed May, 2000.  
<http://ednet.coe.ttu.edu/development/coe/software/quicksoft>.

**Reviewer Activities:**

Reviewer for *IEEE Software* professional magazine, 2004.(Log Number: SW-0057-0504)

Reviewer of four papers for SIGCSE 2005 Technical Symposium on Computer Science Education to be held in St. Louis, Missouri on February 23-27, 2005.  
<http://www.ithaca.edu/sigcse2005/ReviewerInfo.html>

Reviewer of four papers for SIGCSE 2005 Technical Symposium on Computer Science Education to be held in St. Louis, Missouri on February 23-27, 2005.

<http://www.ithaca.edu/sigcse2005/ReviewerInfo.html>

Reviewer of three papers for *SIGCSE 2004 Technical Symposium on Computer Science Education* to be held in Norfolk, Virginia on March 3-7, 2004.

<http://www.csc.vill.edu/sigcse2004/ReviewerInfo.html>

Reviewer for SWEBOK, 2004 Version of the Software Engineering Body of Knowledge. My name will be published in the book as a reviewer.

Panel Reviewer for the National Science Foundation's (NSF) Computer Science, Engineering, and Mathematics Scholarship (CSEMS) grant program held in Arlington, Virginia on May 30 through June 2, 2001.

Reviewer for SWEBOK, Software Engineering Body of Knowledge (2001 version). My name is published in the book as a reviewer.

<http://www.computer.org/cspress/catalog/cs01000.htm>.

Postema, M. and Schmidt, H. W. "Object Discovery from Design Abstraction of Legacy Systems," *Informatica: An International Journal of Computing and Informatics*, 1997.

Al-Qasem, M. "The State of the Art in the Ontologies for Legacy Systems," February 1997.

**Proposals Funded:**

Owen, Cherry and Hale, Douglas. "Software Process Improvement," funded by Office of Institutional Research Development Fund, UTPB, January 15 – July 15, 2003.