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Education

Ed.D.: Instruction and Curriculum, The University of Memphis, August 1998.

M.A. in English: Professional Writing, Memphis State University, May 1993.

B.A. in Journalism: Public Relations, Memphis State University, December 1990.

Additional graduate and undergraduate studies: Music philosophy, theory, and performance, Southern Illinois University Edwardsville, 2004-2005 and 2009-2010.

Higher Education Experience

Associate Professor of Instructional Technology, Department of Educational Leadership, Southern Illinois University Edwardsville, August 2007 to present

Assistant Professor of Instructional Design & Learning Technologies, Department of Educational Leadership, Southern Illinois University Edwardsville, August 2001 to July 2007

Director (with *Assistant Professor* Rank in Teacher Education and Behavioral Sciences), Center for Distance Education and Learning Technologies, Crichton College, August 1999 to July 2001

Visiting Assistant Professor, Department of Teacher Education and Behavioral Sciences, Crichton College, August 1998 to August 1999

Instructor, Departments of Business and English, Crichton College, January 1997 to August 1998

Instructor, Department of Instruction and Curriculum Leadership, The University of Memphis, June 1995 to August 1998

Graduate Assistant, Faculty Research Grant, The University of Memphis, June 1995 to June 1996

Graduate Research Assistant, Bureau of Educational Research and Development, The University of Memphis, August 1994 to May 1996

Instructor, English Department, Dyersburg State Community College, August 1994 to May 1995

Graduate Teaching Assistant, English Department, Memphis State University, August 1991 to May 1993

Scholarly Writings and Products

Serial Books

Knowlton, D. S. & Sharp, D. C. (Eds.). (2003). *Problem-based learning in the information age*. San Francisco: Jossey-Bass.

Weiss, R. E., Knowlton, D. S., & Speck, B. W. (Eds.). (2000). *Principles of effective teaching in the online classroom*. San Francisco: Jossey-Bass.

Book Chapters and Contributions

Knowlton, D. S. (2009). Evaluating college students' efforts in asynchronous discussion: A systematic process. In A. Orellana, T. L. Hudgins, & M. Simonson (Eds.), *The perfect online course: Best practices for designing and teaching* (pp. 311-326). Charlotte: Information Age Publishing. [Reprinted from *Quarterly Review of Distance Education*, 4(1), 31-41].

Nelson, W. & Knowlton, D. S. (2005). "Learning through Design" as a strategy for faculty development: Lessons learned in a teacher education setting. In M. Orey, J. McClendon, & R. M. Branch (Eds.), *Educational media and technology yearbook (vol. 30)* (pp. 29-36). Westport: Libraries Unlimited.

Knowlton, D. S. & Sharp, D. C. (2003). Editor's notes. In D. S. Knowlton & D. C. Sharp (Eds.), *Problem-based learning in the information age* (pp. 1-4). San Francisco: Jossey-Bass.

Knowlton, D. S. (2003). Preparing students for educated living: Virtues of problem-based learning across the higher education curriculum. In D. S. Knowlton & D. C. Sharp (Eds.), *Problem-based learning in the information age* (pp. 5-12). San Francisco: Jossey-Bass.

Weiss, R. E., Knowlton, D. S., & Speck, B. W. (2000). Editor's notes. In R. E. Weiss, D. S. Knowlton, & B. W. Speck (Eds.), *Principles of effective teaching in the online classroom* (pp. 1-3). San Francisco: Jossey-Bass.

Knowlton, D. S. (2000). A theoretical framework for the online classroom: A defense and delineation of a student-centered pedagogy. In R. E. Weiss, D. S. Knowlton, & B. W. Speck (Eds.), *Principles of effective teaching in the online classroom* (pp. 5-14). San Francisco: Jossey-Bass.

Knowlton, D. S. (1999). Student as "leading authority": Using panel discussions in the middle-level methods course. In S. Totten, C. Johnson, L. Morrow, & T. Sills-Briegal (Eds.), *Preparing middle level educators: Practicing what we preach* (pp. 22-23). New York: Falmer Press.

Knowlton, D. S. & Weiss, R. E. (1999). Storytelling sessions as impetus for reflection: Implementing peer feedback into the reflective process. In S. Totten, C. Johnson, L. Morrow, & T. Sills-Briegal (Eds.), *Preparing middle level educators: Practicing what we preach* (pp. 380-382). New York: Falmer Press.

Journal Articles

Knowlton, D. S. (in press). Take out the tests, and hide the grades; Add the spiritual with all voices raised! Professor explications and students' opinions of the unconventional classroom milieu. *Critical Questions in Education Journal*.

Knowlton, D. S., & Sims, J. (in press). Computer-Based Instruction and Generative Strategies: Conceptual Framework & Illustrative Example. *Computers in Human Behavior*.

Knowlton, D. S., & Sims, J. (2009). Generative strategies and computer-based instruction for teaching adult learners. *Tech Trends*, 53(3), 54-60.

Sims, J. & Knowlton, D. S. (2008). Ideas in practice: Instructional design and delivery for adult learners. *Journal of Developmental Education*, 32(1), 20-31.

Knowlton, D. S. & Thomeczek, M. A. (2007). Heuristic-guided instructional strategy development for peripheral learners in the online classroom. *Quarterly Review of Distance Education*, 8(3), 233-249.

Knowlton, D. S. (2007). I design; therefore I research: Revealing DBR through personal narrative. *Educational Technology & Society*, 10(4), 209-223. Retrieved December 9, 2007 from http://www.ifets.info/journals/10_4/19.pdf.

Knowlton, D. S. (2007). An andragogical approach for reducing cognitive load within aural theory tasks. *Visions of Research in Music Education*, 9/10, 1-17. Retrieved April 14, 2007 from <http://www.rider.edu/~vrme/v9n1/vision/Knowlton%20Final.pdf>.

Knowlton, D. S. (2006). Rapid prototyping as method for developing instructional strategies for supporting computer-mediated communication among university students. *The Journal for the Scholarship of Teaching & Learning*, 6(1), 75-87. Retrieved November 7, 2006 from http://www.iupui.edu/~josotl/VOL_6/NO_1/v6n1Knowlton.pdf.

Moore, K. & Knowlton, D. S. (2006). Students as library detectives and books as clues: An application of ISD in k-12 schools. *TechTrends*, 50(3), 59-63.

Knowlton, D. S. (2005). A taxonomy of learning through asynchronous discussion. *Journal of Interactive Learning Research*, 16(2), 155-177.

Sharp, D. C., Knowlton, D. S., & Weiss, R. E. (2005). Applications of generative learning for the survey of international economics course. *The Journal of Economic Education*, 36(4), 345-357.

Thomeczek, M. A., Knowlton, D. S., & Sharp, D. C. (2005). Practical advice for supporting learning through the use of summary/reaction journals. *Across The Disciplines: Interdisciplinary Perspectives on Language, Learning, and Academic Writing*, 2(1). Retrieved October 15, 2005 from http://wac.colostate.edu/atd/articles/thomeczek_knowlton_sharp2005.cfm.

Wielgus, M. & Knowlton, D. S. (2005). Using asynchronous discussion to support middle school philosophy and concept. *Meridian: A Middle School Computer Technologies Journal*, 8(2). Retrieved December 15, 2005 from http://www.ncsu.edu/meridian/sum2005/asynchronous_discussion/index.html.

Zantow, K., Knowlton, D. S., & Sharp, D. C. (2005). More than fun and games: Reconsidering the virtues of strategic management simulations. *Academy of Management Learning & Education*, 4(4), 451-458.

Knowlton, D. S. (2004). Electronic bulletin boards as medium for asynchronous problem solving in field experiences. *The International Journal of Instructional Technology & Distance Education*, 1(5), 43-52. Retrieved May 31, 2004, from http://itdl.org/Journal/May_04/article06.htm.

Knowlton, D. S., Eschmann, A., Fish, N., Heffren, B., & Voss, H. (2004). Processes and impact of journal writing in a graduate-level theory course: Students' experiences and reflections. *Teaching & Learning: The Journal of Natural Inquiry and Reflective Practice*, 18(2), 40-53. Retrieved May 26, 2004, from <http://www.und.nodak.edu/dept/ehd/journal/>.

Knowlton, D. S., Heffren, B., Fish, N., Eschmann, A., & Voss, H. (2004). Students' beliefs about summary/reaction journals. *Academic Exchange Quarterly*, 8(1), 215-219.

Knowlton, D. S. & Shaffer, S. C. (2004). Shifting toward constructivist philosophy for teaching Biblical principles in k-12 Christian schools. *Christian Education Journal, Series 3*, 1(3), 116-129.

Sharp, D. C., Heath, J., Smith, W., & Knowlton, D. S. (2004). But can she cook? Women's education and housework productivity. *Economics of Education Review*, 23, 605-614.

Knowlton, D. S. (2003). Evaluating college students' efforts in asynchronous discussion: A systematic process. *Quarterly Review of Distance Education*, 4(1), 31-41.

Walters, K. C., Knowlton, D. S., & Weiss, R. E. (2003). Increasing parent participation in middle school learning communities. *Current Issues in Middle Level Education*, 9(1), 46-60.

Knowlton, D. S. (2002). Promoting liberal arts thinking through online discussion: A practical application and its theoretical basis. *Educational Technology & Society*, 5(3), 189-194. Retrieved December 31, 2002, from http://ifets.ieee.org/periodical/vol_3_2002/knowlton.html.

Knowlton, D. S. & Sharp, D. C. (2002). Integrated performance reviews in the cumulative case study: Promoting continued learning among students. *Journal on Excellence in College Teaching*, 13(2/3), 103-117.

Weiss, R. E., Knowlton, D. S., & Morrison, G. (2002). Principles for using animation in computer-based instruction: Research-based heuristics for effective use. *Computers in Human Behavior*, 18(4), 465-477.

Knowlton, D. S., Thorne, J. A., & Harriss, C. (2002). A selective defense of "Introduction to Christian Doctrine" online: Disputatious perspectives and propitiating pedagogy. *Christian Education Journal, Series 2*, 6(1), 111-125.

Knowlton, D. S. (2002). A constructivist pedagogue's personal narrative of integrating faith with learning: Epistemological and pedagogical challenges. *The Journal of Research on Christian Education*, 11(1), 33-57.

Knowlton, D. S. (2001). Determining educational viability in online discussions: A student-centered approach. *Academic Exchange Quarterly*, 5(4), 162-168.

Knowlton, D. S. & Knowlton, H. M. (2001). The context and content of online discussions: Making cyber-discussions viable for the secondary school curriculum. *American Secondary Education Journal*, 29(4), 38-52.

Knowlton, D. S. & Knowlton, H. M. (2001). Evaluating students' writing: Contextual tensions and practical resolutions. *The Journal for the Art of Teaching*, 8(1), 81-91.

Knowlton, D. S., Knowlton, H. M., & Davis, C. (2000). The whys and hows of online discussions. *Syllabus: New Directions in Educational Technology*, 13(10), 54-58.

Garner, A., Edwards, J. A., & Knowlton, D. S. (2000). Rural communities and schools join together to teach values and character education. *Michigan Middle School Journal*, 24(2), 12-18.

Garner, A., Kennon, J. T., & Knowlton, D. S. (1999). Environmental science education for rural middle schools. *Middle Level Educator: Journal of the Iowa Association of Middle Level Education*, 16(1), 11-13.

Knowlton, D. S. & Garner, A. (1997). Is your hidden curriculum hidden: Unveiling the hidden curriculum through extracurricular activities. *The Louisiana Middle School Association Journal [On-line]*, 7(1). Retrieved September 1, 2004, from www.education.nsula.edu/lmsa/Hidden.htm.

Knowlton, D. S. & Garner, A. (1995). Cooperation's evil twin is really quite a useful friend: A second look at educational competition. *Current Issues in Middle Level Education*, 4(1), 20-28.

Knowlton, D. S. (1993). Practicing the rudiments. *The Rudimental Percussionist*, 2(1), 20-21.

Conference Proceedings

Knowlton, D. S. (2004). Never mind the prescriptions, bring on the descriptions: Students' representations of inquiry-driven design. In M. Simonson & M. Crawford (Eds.), *The Proceedings of the 27th Annual Convention of the Association for Educational Communications and Technology*, 2, 369-374. [ERIC Document Reproduction Service No. ED 485 154].

Knowlton, D. S. (2004). Using asynchronous discussion to promote collaborative problem solving among preservice teachers in field experiences: Lessons learned from implementation. In M. Simonson & M. Crawford (Eds.), *The Proceedings of the 27th Annual Convention of the Association for Educational Communications and Technology*, 2, 375-381. [ERIC Document Reproduction Service No. ED 485 155].

Thomeczek, M. A., Knowlton, D. S., & Weiss, R. E. (2004). Infusing handheld technologies into the classroom: Designing meaningful learning experiences for K-12 students. *Information Technology and Teacher Education Annual, 2004*, 1432-1434.

Nelson, W. & Knowlton, D. S. (2002). Faculty development by design. *Information Technology and Teacher Education Annual, 2002*, 666-668.

Knowlton, D. S. (2001). Promoting durable knowledge construction through online discussion. *The Proceedings of the Annual Mid-South Instructional Technology Conference, 6*. Murfreesboro, Tennessee: Middle Tennessee State University. Retrieved April 30, 2001, from www.mtsu.edu/~itconf/proceed01/11.html. [ERIC Document Reproduction Service No. ED 463 724].

Electronic Database and ERIC Papers

Sharp, D. C., Weiss, R. E., & Knowlton, D. S. (2003). Applying generative learning strategies in the Survey of International Economics course. *Social Science Research Network Electronic Library*. Retrieved December 31, 2003, from http://papers.ssrn.com/sol3/papers.cfm?abstract_id=392860.

Knowlton, D. S. (1997, November). *The values of teaching literature: The manifestation of a teacher's values in the African-American literature course*. Paper presented at the annual meeting of the Mid-South Educational Research Association, Memphis, Tennessee. [ERIC Document Reproduction Service No. ED 418 611].

Knowlton, D. S. (1995, November). *Personal narrative and graduate-level education: How does gender influence thinking and writing about curriculum?* Paper presented at the annual meeting of the Mid-South Educational Research Association, Biloxi, Mississippi. [ERIC Document Reproduction Service No. ED 392 359].

Papers Presented at Conferences

Knowlton, D. S. (2009, October). Finding our souls through a radical classroom milieu: Professor explications and students' reactions. Paper presented at the annual meeting of the Academy of Educational Studies' *Critical Questions in Education Conference*, St. Louis, Missouri.

Zantow, K., Sharp, D. C., Knowlton, D. S., & Weiss, R. E. (2004, August). *An analysis of generative learning opportunities in computer-based business simulations*. Paper presented at the annual meeting of the Academy of Management, New Orleans, Louisiana.

Knowlton, D. S. (2002, April). *Professor as defender of the faith: Embracing humility, encouraging community, and respecting diversity*. Paper presented at the annual Christianity in the Academy Conference, Memphis, Tennessee.

Sharp, D. C. & Knowlton, D. S. (2002, November). *On the curious role of formal education and household production: Evidence from married women*. Paper presented at the annual meeting of the Southern Economics Association, New Orleans, Louisiana.

Knowlton, D. S. (2000, March). *Christian truth, new millennium pedagogical truth, and the ethics of Christian education in the online classroom*. Paper presented at the annual Christianity in the Academy Conference, Memphis, Tennessee.

Weiss, R. E., Knowlton, D. S., & Knowlton, H. M. (2000, November). *Faculty attitudes and understandings about online learning technologies*. Paper presented at the annual meeting of the Mid-South Educational Research Association, Bowling Green, Kentucky.

Duncan, J. & Knowlton, D. S. (1999, March). *Avoiding student zombies and mental regurgitation: Using facilitation and writing to create living, healthy, and critical thinking students*. Paper

presented at the annual meeting of the National Conference on Creating the Quality School, Memphis, Tennessee.

Knowlton, D. S. (1999, November). *Students' understanding of extracurricular activities*. Paper presented at the annual meeting of the Mid-South Educational Research Association, Point Clear, Alabama.

Anderson, R. S., DeMeulle, L., & Knowlton, D. S. (1996, April). *Understanding portfolios in practicum experiences: A national perspective*. Paper presented at the annual meeting of the American Educational Research Association, New York, New York.

Knowlton, D. S. (1996, November). *A review of extracurricular activity literature: A critique and a proposal*. Paper presented at the annual meeting of the Mid-South Educational Research Association, Tuscaloosa, Alabama.

Knowlton, D. S., Anderson, R. S., & DeMeulle, L. (1996, November). *Portfolios in teacher education: Issues and possibilities*. Paper presented at the annual meeting of the Mid-South Educational Research Association, Tuscaloosa, Alabama.

DeMeulle, L., Anderson, R. S., & Knowlton, D. S. (1995, November). *Using portfolios in the teacher education practicum: What's happening nationally?* Paper presented at the annual meeting of the Mid-South Educational Research Association, Biloxi, Mississippi.

Conference Presentations

Knowlton, D. S. (2009, October). *Feedback for learning through the gadgets*. Presentation at the University of Missouri-St. Louis Teaching and Technology Conference, St. Louis, Missouri.

Knowlton, D. S. (2009, April). *Feedback as learning component in the online classroom*. Presentation at the annual meeting of the United States Distance Learning Association, St. Louis, Missouri.

Knowlton, D. S. (2009, January). *Effectively rehearsing ensembles: Lessons from research and advice from learning theory*. Presentation at the annual meeting of the Illinois Music Education Association, Springfield, Illinois.

Knowlton, D. S. (2009, January). *Strategies for integrating West African music characteristics into the general music classroom*. Presentation at the annual meeting of the Illinois Music Education Association, Springfield, Illinois.

Knowlton, D. S. (2008, April). *Generative strategies to promote learning in the online classroom*. Presentation at the annual meeting of the United States Distance Learning Association, St. Louis, Missouri.

Knowlton, D. S. (2008, April). *Improving the educational benefits of outdoor music: Confessions of a passionate marching band junkie*. Presentation at the annual meeting of the Tennessee Music Educators Association, Nashville, Tennessee.

Knowlton, D. S. (2004, May). *Assessing and commenting on students' journals*. Presentation at the biennial Writing Across the Curriculum Conference, St. Louis, Missouri.

Knowlton, D. S. & Knowlton, H. M. (1999, February). *Composing music as a metaphor for writing: Implications for first-year composition*. Presentation at the annual meeting of the Southeast Two Year College English Association, Memphis, Tennessee.

Knowlton, D. S. (1997, March). *Making your music program "parent friendly": Strategies for getting them involved and keeping them involved*. Presentation at the annual meeting of the Southern Division of the Music Educators National Conference, Nashville, Tennessee.

Monographs and Institutional Papers

Knowlton, D. S. (2008, April). *If it ain't about learnin', I dunno what we're doin' here!* Paper presented at the Southern Illinois University Edwardsville's College of Arts and Sciences Spring Colloquium.

Knowlton, D. S. & Sharp, D. C. (2005, April). *Does taking the garbage out count? The masculine response and the effects of education on the reported housework hours of husbands*. Paper presented at the Southern Illinois University Edwardsville's College of Arts and Sciences Spring Colloquium.

Knowlton, D. S. (2000, April). *Pedagogy of the Indulged: A pedagogue's perspective on "integrating faith with learning."* Paper presented at the quarterly meeting of the Crichton College "Integrating Faith and Learning" faculty reading group, Memphis, Tennessee.

Knowlton, D. S. (2000). *Introduction to teaching and Christian education course packet*. Memphis, Tennessee: Crichton College, The School of Adult Education.

Knowlton, D. S. (2000). The Director's Column: Wrapping the Package of Pedagogy. (*The CyberPeer*, Vol. 1, No. 2) Memphis, Tennessee: Crichton College, The Center for Distance Education and Learning Technologies. Retrieved December 31, 2000, from www.crichton.edu/CDEALT/CyberPeer/cyberpeer.shtml.

Knowlton, D. S. & Weiss, R. E. (2000). Technology-enhanced courses versus traditional instruction: Empirical evidence, reflections from practice, and designing for maximum learning. (*The CyberPeer*, Vol. 1, No. 2) Memphis, Tennessee: Crichton College, The Center for Distance Education and Learning Technologies. Retrieved December 31, 2000, from www.crichton.edu/CDEALT/CyberPeer/tech-trad.shtml.

Knowlton, D. S. (2000). *Policies and procedures for online courses*. Memphis, Tennessee: Crichton College, The Center for Distance Education and Learning Technologies. Retrieved December 31, 2000, from www.crichton.edu/CDEALT/Policies.shtml.

Knowlton, D. S., Thorne, J., Elacqua, T. C., & Knowlton, H. M. (2000). Why online courses? The view of four practitioners. (*The CyberPeer*, Vol. 1, No. 1) Memphis, Tennessee: Crichton College, The Center for Distance Education and Learning Technologies. Retrieved June 30, 2000, from www.crichton.edu/CDEALT/CyberPeer/whyonlineclasses.shtml.

Knowlton, D. S. (2000). *Designing online courses*. Memphis, Tennessee: Crichton College, The Center for Distance Education and Learning Technologies.

Knowlton, D. S. (1998). College undergraduate students' perceptions of high school extracurricular activities (Doctoral dissertation, The University of Memphis, 1998). *UMI Microform 9905093*.

Anderson, R. S., DeMeulle, L., & Knowlton, D. S. (1996). Understanding portfolios in teacher education: A national perspective. (*Centerlines*, Vol. 9, No. 1) Memphis, Tennessee: The University of Memphis, Center for Research on Educational Policy.

Knowlton, D. S. (1993). *Connections between musical composing and rhetorical composing: An analogous model*. Unpublished master's thesis, Memphis State University.

Knowlton, D. S. (1991). Limping to leaping through learning: A review of Erika Lindemann's *A Rhetoric for Writing Teachers*. (*Hardcopy: A book review journal for studies in technical communication*, Vol. 1, No. 1) Memphis, Tennessee: Memphis State University, English Department's Foundations of Technical Writing.

Knowlton, D. S. (1991). *A feasibility study for a self-produced textbook for Memphis State's "Introduction to the University" Course (ACAD 1100)*. Memphis, Tennessee: Memphis State University, Office of ACAD & First Year Student Orientation.

Academic Workshops

For Higher Education Faculty and Administration

"The Learning Centered Online Classroom." Southern Illinois University Edwardsville's College of Arts & Sciences, October 2008

"Communication for Learning in the Online Classroom." (with Melissa A. Thomeczek). Southern Illinois University Edwardsville's School of Education and Graduate School's Strategies for Advancing Graduate Education Initiative, February 2008

"Essential Components of the Online Classroom." Southern Illinois University Edwardsville's School of Education and Graduate School's Strategies for Advancing Graduate Education Initiative, November 2007

"Writing to Promote Learning." St. Louis University's School of Professional Studies Faculty Development Initiative, April 2005

"Pulling Rabbits out of Your Cyber-Hat: Creating the Magic of Learning in the Online Classroom." (with Melissa A. Thomeczek and Renée E. Weiss). Southern Illinois University Edwardsville's Provost Office, Excellence in Learning and Teaching Initiative, and Lovejoy Library's Faculty Technology Center, February 2004

"Who Me? Assign Writing?, Part 3: Hands on Workshop." (with Seran Aktuna and Sharon McGee). Southern Illinois University Edwardsville's Provost Office, Excellence in Learning and Teaching Initiative, September 2003

"Who Me? Assign Writing?, Part 2: Tips for Developing Students' Writing." (with Seran Aktuna and Sharon McGee). Southern Illinois University Edwardsville's Provost Office, Excellence in Learning and Teaching Initiative, October 2002

“Who Me? Assign Writing?” (with Seran Aktuna and Sharon McGee). Southern Illinois University Edwardsville’s Provost Office, Excellence in Learning and Teaching Initiative, September 2002

“Asynchronous Teaching and Learning: Making It Happen Now.” Crichton College's Center for Distance Education and Learning Technologies, September 1999

“Designing and Teaching Asynchronous, Online Courses.” (with Renee E. Weiss). The University of Memphis' Center for Academic Excellence, April 1999

“It’s Not What You Say to Them; It’s What They Say to Themselves.” (with Art Garner). The University of Tennessee's Pharmacy School, Memphis, Tennessee, March 1995

For K-12 Faculty and Administration

“The Guiding Write: Students Watching the Soap Opera of Their Own Mind.” St. Clair County High School Faculty, Belleville, Illinois, March 2007

“Should They Learn to Write? Or, Should Writing Help Them Learn?” Monroe/Randolph County Regional Office of Education’s Bi-County Institute Participants, Columbia, Illinois, October 2006

“Should Students Only Learn to Write? Or, Should They Write to Learn?” St. Clair County High School Faculty, Belleville, Illinois, April 2006

“How Can Scripture be Integrated Across the Curriculum?” Good Shepherd Lutheran Elementary and Middle School Faculty, Collinsville, Illinois, March 2003

“Improving ensemble awareness: A five-step model.” (with preparatory help from David C. Sharp). Tennessee Music Educators Association biennial in-service conference, Nashville, Tennessee, April 1999

“Marching Percussion Teaching and Arranging.” DeSoto County Schools' Instrumental Music Faculty, Hernando, Mississippi, April 1995

College and University Teaching & Graduate Student Project Supervision

Graduate Level Courses

- Designing for Web-Based Learning
(Special Topics course that I proposed and developed)
- Instructional Systems Design
- Major Principles of Instructional Design and Learning Technologies
- Computers in Education

Undergraduate Education Courses

- Educational Technology
 - Foundations of Education
 - Introduction to Education
 - School and Community Relations
 - Student Teaching Seminar
 - Educational Psychology
 - Principles of Instruction
 - Classroom Management
 - Physical Education for Elementary Teachers
 - Percussion Methods
- (team taught with the professor of record)*

Undergraduate Humanities, Liberal Arts, and Business Courses

- First Semester English Composition
(Modes of Discourse and exposition)
- Basic Reading
- History of Grammar and Usage
- Introduction to Literature
- Second Semester English Composition
(Writing the research paper)
- Business Communication
- Argumentation & Debate
- Speech

Guest Lectures

- “Scholarship of Teaching and Learning” In Orientation to Teaching for School of Pharmacy Doctoral Students (Cathy Santanello, Instructor); Southern Illinois University Edwardsville; Fall 2009
- “Percussion Consulting in k-12 Schools: Broadening Horizons for your Success” In Percussion Master Class for Percussion Majors (Jerry Bolen, Instructor); Southern Illinois University Edwardsville; Fall 2008
- “Trends in Indoor Marching Percussion: The 2007 WGI Scholastic World Finals” In Percussion Methods for Music Majors (Jerry Bolen, Instructor); Southern Illinois University Edwardsville; Spring 2008
- “A Workshop of the Five Ts of Marching Percussion” In Percussion Methods for Music Majors (Jerry Bolen, Instructor); Southern Illinois University Edwardsville; Spring 2008
- “Marching Percussion Appreciation” In Percussion Methods for Music Majors (Jerry Bolen, Instructor); Southern Illinois University Edwardsville; Spring 2007
- “Style and Technique for Rudimental Snare Drum” In Percussion Methods for Music Majors (Jerry Bolen, Instructor); Southern Illinois University Edwardsville; Spring 2006
- “What to Listen for in the Outdoor Drumline” In Percussion Methods for Music Majors (Jerry Bolen, Instructor); Southern Illinois University Edwardsville; Spring 2006
- “Marching Percussion in the Information Age” In Percussion Methods for Music Majors (Jerry Bolen, Instructor); Southern Illinois University Edwardsville; Spring 2005
- “So, Your Professor Assigned a Research Paper, So Now What Do You Do?” In Educational Psychology (Renee E. Weiss, Instructor); Southern Illinois University Edwardsville; Fall 2002
- “Bright Lights and Flashy Things: Do They Make for Good Learning” In Math, Science, & Technology Course (Joe Blackbourne, Instructor); Crichton College; Spring 2001
- “Multiculturalism through Music in the Elementary School Classroom” In Arts and Education Course (Martha Dargie, Instructor); Crichton College; Spring 2000
- “Using Rhythm as Rehearsal Device in Spelling and Math” In Arts and Education Course (Martha Dargie, Instructor); Crichton College; Spring 1999
- “Basics of Video Production” In Professional and Technical Writing Course (Bruce W. Speck, instructor); Memphis State University; Spring 1994
- “Managing the Sole Proprietorship” In Small Business and Entrepreneurship Course (David C. Sharp, instructor); State Technical Institute of Memphis; Spring 1994

Master's Thesis / Applied Projects & Portfolio Development Committees

Since coming to Southern Illinois University Edwardsville in fall 2001, I have chaired over twenty Master's Project committees and served as a member on an additional twenty five of these committees. While these projects occasionally use traditional, neo-classical research methods, they are not traditional theses; rather, they are applied projects. Approaches range from "learning by design" to formal instructional systems design. Topics have ranged from the design of computer-based instructional units in corporate settings to early childhood mathematics. In the fall 2006, the graduate program moved away from a project-based capstone and toward a series of juried electronic portfolios. I have supervised approximately ten students as they completed their juries, and I have served as an evaluator on approximately ten other students' jury portfolios.

Awarded Grants and Funding

\$2, 894; Southern Illinois University Edwardsville Graduate School's Assigned Time for Research Grant, May 2008

\$3,000; Southern Illinois University Edwardsville Graduate School's Excellence in Graduate Education Grant Competition, March 2005

\$1,500; Southern Illinois University Edwardsville Graduate School's FIRST Program (Grant Writing Workshops) completion, November 2004

\$3,000; New Faculty Research Funds Award, October 2001

Consulting Experience

Performing Arts Consultant; Premiere Performance; Edwardsville, Illinois, 2008 to present

- Provided advice in the areas of program development and student recruitment
- Served as guest artist and clinician in a variety of dance classes

Music Education Consultant; The Academy of the Percussive Arts; Bartlett, Tennessee; January 2007 to Present

- Provided advice in the areas of program development, musical arranging, and music teaching

Music Education Consultant; Dynamic Renegade Association of Musical Arts; Columbia, Missouri, October 2008 to June 2009

- Provided advice in the areas of program development, music teaching, student recruitment

E-learning Instructional Consultant; Faculty Development Center; St. Louis, Missouri; Elsevier, Incorporated; June 2006 to December 2006

- Wrote articles about e-learning and online classrooms for faculty development website
- Outcomes included the production of five whitepapers (titles available upon request) on topics related to e-learning application

E-learning Design Consultant; Staffing, Training, and Organizational Development Group; St. Louis, Missouri; Anheuser-Busch, Incorporated; June 2005 to February 2006

- Designed and delivered workshops on the design of web-based courses to corporate training personnel
- Outcomes included the production of a corporate publication:
Knowlton, D. S. (2005). *Applying E-Learning Principles for Project Creation: A Rapid Prototyping Approach*. (Workshop Participant guide, STS Number 2.43.414). St. Louis, MO: Anheuser-Busch Training and Development Group.

Instructional Design Consultant; National Association of Electrical Distributors; St. Louis, Missouri; July 2004 to November 2004

- Conducted needs analyses regarding revisions to a self-paced instructional certification course

Curriculum Development Consultant; Tarantula Learning Company, LLC; Georgetown, Texas; August 2002 to April 2003

- Developed curriculum for an electronic portfolio content tutorial
- Designed learning activities and instructional strategies consistent with state learning standards

Music Education Consultant; Mid-South Band Consultants; Germantown, Tennessee; April 1988 to June 2001

- Taught in approximately fifteen different Mid-South schools and for two nationally touring youth organizations
- Traveled regionally and nationally with high school and college students to teach basic and advanced musical concepts
- Evaluated local and national music education programs
- Supervised in-service teachers and university student instructors
- Advised middle and secondary schools on issues related to establishing and sustaining an instrumental music program

Instructional Consultant; Center for Academic Excellence; The University of Memphis; Memphis, Tennessee; March 1999 to November 2000

- Researched the design and pedagogy of online courses
- Designed and delivered workshops to university faculty
- Advised director regarding issues related to design of online courses and faculty training to teach online courses

Instructional Design and Training Consultant; Time Warner Communications, Mid-South Division; Memphis, Tennessee; July 1996 to December 1996

- Conducted needs and goals analysis in the areas of “new hire” training
- Designed and wrote series of instructional software training manuals for a customer service representative audience
- Designed training and evaluation materials
- Outcomes included the production of numerous organizational training manuals

Writing Consultant; Linda Kennard, student; The University of Memphis; Memphis, Tennessee; November 1995 to June 1996

- Edited dissertation manuscript

Instructional Consultant; Dr. David C. Sharp, Instructor; Christian Brothers University; Memphis, Tennessee; August 1995 to December 1995

- Created self-paced instructional packet designed to teach microeconomics students about elements of the labor market

Public Relations and Media Affairs Consultant; The Colts Drum and Bugle Corps; Dubuque, Iowa; January 1990 to August 1992

- Assisted in member recruiting
- Assisted in devising a crisis communications plan and protocol that was published as an organizational publication
- Created video and print-based public relations materials designed to increase organizational awareness both locally and nationally
- Served as co-executive producer and on-air talent for three television programs shown across the Midwest and distributed through TCI Broadcasting, Dubuque, Iowa

Other Writings: Newsletter, Newspaper, and Magazine Articles

Knowlton, D. S. (2009, April). Four generative strategies to promote learning in the online classroom. *Online Cl@ssroom*, 5, 7.

Knowlton, D. S. (15 December, 2006). A remembrance of Jim Ott's Music. *Fanfare Column* of Drum Corps International's Website. Available: http://www.dci.org/news/news.cfm?news_id=269738c0-35cd-4d4f-9b0e-f5b4639e7c7f.

Knowlton, D. S. (1991). Beyond the paper chase. *Memphis State Magazine*, 10(2), 16-17+.

Knowlton, D. S. (1989). Memphis State's famous marching band. *MSU Today*, 6, 4-5.

Knowlton, D. S. (1 May, 1987). UM Professor releases book. *The Daily Mississippian*, 76(133), 5.

Various reviews, feature articles, and press releases

- *Edwardsville Journal* (A bi-weekly city newspaper), 2007
- Southern Illinois University Edwardsville's School of Education Website, 2007
- *Crichton Today* (quarterly newsletter for alumni and supporters of Crichton College), 1999-2000
- *The Bando Libretto* (quarterly newsletter of the Mid-South Band Consultants), 1993-1994
- *Update Magazine* (monthly faculty and staff newspaper, Memphis State University), 1991
- *Tiger Tracks Magazine* (biannual student recruiting magazine, Memphis State University), 1991.
- *Drum Corps World*, 1989-1991
- *The Daily Helmsman* (daily student newspaper, Memphis State University), 1987-1989

Middle and Secondary School Teaching Experience

Secondary Language Arts Teacher; Horn Lake High School; Horn Lake, Mississippi;
August 1993 to May 1994

- Courses Taught: Junior English, Introduction to German Language and Culture, Video Journalism
- Served on a variety of administrative and curriculum committees
- Served as a mentor teacher to first year secondary teachers

In addition to this full time teaching experience listed above, I have taught instrumental music on a part-time basis in approximately twenty different high schools, middle schools, and private academies. Much of this teaching experience was done through my consulting role with The Mid-South Band Consultants (listed elsewhere in this vita). But, since leaving the Mid-South, I have continued to teach high school band on a part-time basis. These teaching experiences have ranged across six different states. My titles in these positions have included Assistant Band Director and Percussion Instructor.

Awards, Honors, and Certificates

Sabbatical Award, Spring 2010

State of Illinois Ethics Training Program Certification, 2004, 2005, 2006, 2007, 2008, 2009

Judge's Association of Mid-America Marching Pageantry General Effect Music Judging Certification, 2007, 2008

Graduate Faculty Level I appointment at Southern Illinois University Edwardsville, 2001

Indiana Wesleyan University Online Facilitator Certification, 1999

Who's Who Among American Teachers, 1993, 1999

National Collegiate Education Award Winner, 1996

Mississippi State Department of Education Alternative Route Teacher Certification, 1993

Society of Professional Journalists' Mark of Excellence Competition Award Winner, 1989

Outstanding College Students of America, 1989

Scholastic All-American College Student, 1989

Academic and Community Service

Community Service

Academic and Artistic Judge and Evaluator

- Ozark High School and Mid-Continent Color Guard Association Indoor Percussion Festival; Ozark, Missouri; February 27, 2010
- Mid-Continent Color Guard Association Super Show; Blue Springs, Missouri; February 20, 2010
- Park Hills Rebel Band Invitational; Park Hills, Missouri; October 17, 2009
- Mid-Continent Color Guard Association Percussion Championships; Ozark, Missouri; March 28, 2009
- Ozark High School and Mid-Continent Color Guard Association Indoor Percussion Festival; Ozark, Missouri; March 14, 2009
- Rockwood Summit and Mid-Continent Color Guard Association's Indoor Percussion Contest; Fenton, Missouri; February 28, 2009
- O'Fallon High School and Mid-Continent Color Guard Association Indoor Percussion Festival; O'Fallon, Illinois; February 14, 2009
- Route 66 Marching Band Classic; Rolla, Missouri; October 25, 2008
- Briarcrest Marching Invitational Band Contest; Eads, Tennessee; September 27, 2008
- Mid-Continent Color Guard Association Percussion Championships; Springfield, Missouri; April 5, 2008
- Northwest High School and Mid-Continent Color Guard Association Indoor Percussion Festival; Cedar Hill, Missouri; March 15, 2008
- Ozark High School and Mid-Continent Color Guard Association Indoor Percussion Festival; Ozark, Missouri; March 8, 2008
- Francis Howell Central and Mid-Continent Color Guard Association's Indoor Percussion Festival; St. Charles, Missouri; January 23, 2008
- Rockwood Summit and Mid-Continent Color Guard Association's Indoor Percussion Contest; Fenton, Missouri; February 2, 2008
- Francis Howell High School and Mid-Continent Color Guard Association's Indoor Percussion Festival; St. Charles, Missouri; January 26, 2008
- Northeast Mississippi Community College High School Marching Band Contest; Booneville, Mississippi; November 3, 1996
- Evangelical Christian School Marching Band Scrimmage; Cordova, Tennessee; 1989
- Briarcrest Christian School Essay and Creative Writing Contest; Memphis, Tennessee; 1989
- Memphis City Schools Debate and Drama Tournament; Memphis, Tennessee; 1988

Guest lecturer/facilitator for month-long weekly unit on disciplining children at Maryville Baptist Church; Maryville, Illinois; March 2005

Performer and Presenter for the Y.M.C.A.'s home school music and arts education program; Edwardsville, Illinois; October 2004

Volunteer for the Commission on Missing and Exploited Children; Memphis, Tennessee; 1997-1998

Clinician for Yamaha Corporation's Sounds of Summer Music Workshop (co-sponsored by Amro Music); Memphis, Tennessee; July 1993

Keynote Speaker for Kirby High School Band Awards Banquet: "You Can Have Everything—That Matters"; Memphis, Tennessee; 1991

External Service to the Academy

Manuscript Reviewer for Refereed/Scholarly Journals

- *Educational Technology & Society*, 1999 to present
- *Journal of Instructional Technology and Distance Learning*, 2006-2008
- *American Journal of Evaluation*, 2004
- *The Journal of Lifelong Learning* (Special Issue: Multimedia Systems), January 2001
- *Campus Wide Information Systems Journal* (Special Issue: Life-Long Learning), September 2000
- *Research in Middle Level Education Quarterly*, 1995-1996

Proposal and Manuscript Reviewer for Professional Conferences

- Association of Educational Communications and Technology conference, Design and Development Division, 2002-2006, 2008-2009
- Association of Educational Communications and Technology conference, Distance Learning Division, 2003, 2006-2007
- International Conference on Computers in Education, 2002
- International Workshop on Advance Learning Technologies, 2000

Chair of concurrent papers session at The Christianity in the Academy Conference, April 2002

Textbook reviewer for John Wiley & Sons Publisher. Review of A. M. O'Donnell, J Reeve, & J. K. Smith's (2007). *Educational Psychology: Reflection for Action*, April 2006

Institutional-Level Service

Committee Member at Southern Illinois University Edwardsville

- Faculty Grievance Committee, November 2008 to Present
- (Chair) Undergraduate Program Review Committee for the Department of English, April 2009 to November 2009
- Alumni Hall Computer Cluster Budgeting Committee, January 2002 to December 2006
- Associate Dean for Research and Projects Search Committee for the Graduate School; July 2005 to December 2005
- Graduate School Program Review Committee for the Department of Psychology; September 2003 to February 2004
- Undergraduate Program Review Committee for the Department of Theater and Dance; August 2002 to April 2003
- Graduate School Council Programs Committee; August 2002 to August 2003

Facilitator and Leader for Southern Illinois University Edwardsville's Provost Office, Excellence in Learning and Teaching Initiative, faculty reading group of *What the Best College Teachers Do*, February 2007 to April 2007

Committee Member at Crichton College

- (Chair) Ad Hoc grade appeals committee, April 2001
- Gateway (Distance Learning Feasibility) Committee, 1998-2000
- Library Budgeting Committee, 1998-1999

Manuscript Reviewer for Crichton College's Southern Association of Colleges and Schools Accreditation Self-Study, August 2000 to December 2000

Faculty Mentor in Crichton College's "First-year student mentoring program," August 2000 to May 2001

Organizer and Member of Crichton College's "Brown Bag Pedagogy Discussion Group," October 1999 to May 2001

Committee Member for The University of Memphis' Graduate Grade Appeals Committee, August 1995 to May 1996

College/School-Level Service

Committee Member for School of Education at Southern Illinois University Edwardsville

- Faculty Development Steering Committee, February 2008 to present
- Joint Council on Teacher Preparation, August 2004 to July 2009
- (*Alternate*) Operating Papers Committee, August 2007 to July 2009
- (*Alternate*) Professional Affairs Committee, August 2007 to July 2009
- Dean's Dozen Honor Group Selection Committee, November 2008 to January 2009
- Science, Technology, Engineering, and Math (STEM) subcommittee for the Ed.D. in Administration, November 2008 to December 2008
- (*Chair*) Dean-appointed ad hoc Personnel Committee, April 2008 to May 2008
- (*Alternate*) Academic Affairs, August 2004 to July 2005
- Election Committee, February 2002 to December 2002
- Research and Projects Committee, September 2001 to September 2002

Technology Integration Mentor for a faculty-development initiative that supports the design of online learning materials, November 2007 to May 2008

Manager and Facilitator of bulletin board discussion room within *TechReady*, the School of Education's electronic portfolio development tool, January 2003 to May 2003

Instructional Facilitator for Southern Illinois University Edwardsville's School of Education Preparing Tomorrow's Teachers to Integrate Technology (PT3) Grant, September 2001 to December 2001

Department-Level Service

Committee Member for Southern Illinois University Edwardsville's Department of Educational Leadership and Department Programs

- Academic Affairs Committee, January to July 2009
- Tenure and Promotion Advisory Committee for Dr. Fran Karanovich, April 2009
- Tenure and Promotion Advisory Committee for Dr. Linda Morice, April 2009
- Tenure and Promotion Advisory Committee for Dr. Tianlong Yu, April 2009
- (*Secretary*) Ad Hoc Operating Papers Revision Committee, January 2007 to October 2008
- Merit Review Committee, February 2008 to March 2008
- Educational Psychology Search Committee, January 2007 to March 2007
- (*Chair* beginning in March 2003) Ad Hoc committee for revising end of semester evaluation forms and processes, January 2003 to November 2003
- Instructional Technology Search Committee, October 2002 to March 2003

- (*Chair*) Ad Hoc committee for reviewing policies, procedures, and standards for Instructional Technology's culminating applied project, May 2002 to August 2002.
- (*Chair*) Instructional Technology Search Committee, November 2001 to April 2002

Peer Reviewer of Teaching for a variety of colleagues in Southern Illinois University Edwardsville's Department of Educational Leadership, January 2001 to present

New Faculty Mentor for Southern Illinois University Edwardsville's Department of Educational Leadership, August 2002 to May 2003

Portfolio Reviewer to Crichton College's "Advanced Program," January 1998 to May 2001

Committee Member for Crichton College's Teacher Education Program Approval Committee, August 1998-May 1999; August 2000 to May 2001

Module Content Reviewer and Member of Crichton College's Advance Curriculum Design Committee, February 2000 to April 2000

Professional Memberships

Instructional Design and Learning Technologies

- Association for Educational Communications and Technology, joined in 2000
- International Forum of Educational Technology and Society, joined in 1998
- Association for the Advancement of Computing in Education, 2002-2004
- International Society for Technology in Education, 2001-2003

Music and Music Education

- Judge's Association of Mid-America, joined in 2007
- Music Educator's National Conference, 1995-2001; 2007-present
- Percussive Arts Society, 1987-1989; 2007-present
- Southern Illinois University Edwardsville's Percussion Ensemble, joined in 2004
- International Association of Rudimental Percussionists, 1990-1995

Teacher Education

- Tennessee Association of Middle Schools, 1998-2000
- Memphis Area Teacher-Education Collaborative, 1998-1999
- Tennessee Association of Colleges of Teacher Education, 1998-1999
- Tennessee Association of Independent Liberal Arts Colleges of Teacher Education, 1998-1999

Other Professional Memberships

- Academy of Educational Studies, joined in 2009
- Department of Educational Leadership's Core Faculty, Professional Peers Promoting Pedagogy, organized in November 2008
- Southern Illinois University Edwardsville's Provost Office, Office of Assessment, faculty reading group of Thomas A. Angelo and K. Patricia Cross' *Classroom Assessment Techniques*, 2008
- Southern Illinois University Edwardsville's Provost Office, Excellence in Learning and Teaching Initiative, faculty reading group of Ken Bain's *What the Best College Teachers Do*, 2007
- Crichton College's "Integrating Faith and Learning" Faculty Reading Group, 1999-2001
- American Educational Research Association, 1998-2002

- Mid-South Educational Research Association, 1995-2001
- National Council of Teachers of English, 1996-2000
- Tennessee Council of Teachers of English, 1994-1998
- Memphis State University English Department's Graduate Student Research Collaborative, 1993

References Available Upon Request

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