

Updated on May 24, 2012

Dawn McKinney

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Senior Instructor, School of Computing,
Co-Founder, Center for Academic Service-Learning and Civic Engagement

PROFESSIONAL PREPARATION:

University of South Alabama, Philosophy and Psychology, BA 5/78
University of South Alabama, Computer and Information Sciences, MS 5/89

ACADEMIC AND PROFESSIONAL APPOINTMENTS:

University of South Alabama (Mobile, AL)
Senior Instructor, School of Computing, 8/05-present
Co-Director, Center for Academic Service-Learning and Civic Engagement,
11/08-12/11
Instructor, School of Computer and Information Sciences, 8/97-8/05

UMS-Wright Preparatory School (Mobile, AL)
Secondary education: Math and Computer science courses, 8/89-8/97
Curriculum development for computer courses
Computer lab coordinator
Advisor and founder of Student Computer Organization
ASPIRE participant: Presented student work at IEEE conferences

RELEVANT/SIGNIFICANT PUBLICATIONS/PRESENTATIONS:

- McKinney, Dawn, "The Challenge of Enlivening a One-Hour Introductory Course: Creative Collaborative Learning Activities," Second Annual South Alabama Conference on Teaching and Learning, University of South Alabama Publications, May 14-15, 2012, Mobile, AL, p. 47.

- Wildberger, Daniel, Harold Pardue, and Dawn McKinney, "Creative Problem-Solving: Computing and Graphic Art Collaborate on a Service-Learning Project," *Second Annual South Alabama Conference on Teaching and Learning*, University of South Alabama Publications, May 14-15, 2012, Mobile, AL, p. 55.
- Rudd, Alison, Dawn McKinney, and Terry Bowen, "Collaboration between Health Sciences and Computing: A Creative Service-Learning Experience for Freshmen Students," *Second Annual South Alabama Conference on Teaching and Learning*, University of South Alabama Publications, May 14-15, 2012, Mobile, AL, p. 52.
- McKinney, Dawn, "Teams of Students in a Discipline-Specific Freshman Seminar Course Role Play and Serve to Learn about their Chosen Majors," *First Annual South Alabama Conference on Teaching and Learning*, University of South Alabama Publications, May 16, 2011, Mobile, AL, p. 32.
- Denton, Leo, and Dawn McKinney, "Capitalizing on Communication and Team Skills in the Classroom," *First Annual South Alabama Conference on Teaching and Learning*, University of South Alabama Publications, May 16, 2011, Mobile, AL, p. 24.
- Peterson, Karen, Dawn McKinney, and Leo Denton, "Engaging Students with Learning Communities and Service-Learning," *First Annual South Alabama Conference on Teaching and Learning*, University of South Alabama Publications, May 16, 2011, Mobile, AL, p. 34.
- Boettcher, Anne, Dawn McKinney, and Sandra Gregerman, "Service-Learning in Undergraduate Research Experiences," *Council on Undergraduate Research 13th National Conference*, Weber State University, Ogden, UT, June 19-22, 2010.
- Peterson, Karen, Dawn McKinney, and Leo Denton, "Computing and Business Meet English: A Four-Year Experience with Freshman Seminars in Learning Communities," *The 23rd International Conference on the First-Year Experience*, Maui, Hawaii, June 9, 2010.
- McKinney, Dawn, Karen Peterson, and Leo Denton, "Learning Communities at the University of South Alabama: Four Years of Lessons Learned," *The 2010 Southeastern Learning Community Consortium Planning Summit*, Auburn University, Auburn, AL, May, 2010.

- McKinney, Dawn, Peterson, Karen and Leo Denton, "'We Go Together': Discipline-Based Learning Community Leads to Positive Developments for Students," *The 20th International Conference on The First-Year Experience*, Kona, Hawaii, July 9 - 12, 2007.
- McKinney, Dawn and Denton, Leo F. "Successfully Crossing the Cultural Border between High School and College: Promoting a Sense of Belonging in a Freshman Seminar Course," 36th ASEE/IEEE Frontiers in Education Conference, San Diego, CA, October 28-31, 2006.
- McKinney, Dawn and Denton, Leo F. "Developing Collaborative Skills Early in the CS Curriculum in a Laboratory Environment," Proceedings of the 37th SISCSE Technical Symposium on Computer Science Education, Houston, TX, to be presented March 2006.
- Denton, Leo F., McKinney, Dawn, and Doran, Michael V. "A Melding of Educational Strategies to Enhance the Introductory Programming Course," 35th ASEE/IEEE Frontiers in Education Conference, Indianapolis, Indiana, October 19-22, 2005.
- Denton, Leo F., and McKinney, Dawn. "Diverse Use of Surveys Contribute to Understanding Students and Improving Courses" in Panel: "Using Various Methods to Holistically Assess Engineering Education," Ted Batchman, Panel Organizer, Panelists: Elizabeth Eschenbach, Matthew Ohland, Leo Denton, Steve Krause, 35th ASEE/IEEE Frontiers in Education Conference, Indianapolis, Indiana, October 19-22, 2005.
- McKinney, Dawn and Denton, Leo F. "Affective Assessment of Team Skills in Agile CS1 Labs: The Good, the Bad, and the Ugly," Proceedings of the 36th SISCSE Technical Symposium on Computer Science Education, St. Louis, MO, February 2005.
- Denton, Leo F. and McKinney, Dawn. "Affective Factors and Student Achievement: A Quantitative and Qualitative Study," 34th ASEE/IEEE Frontiers in Education Conference, Savannah, GA, October 20 - 23, 2004.
- McKinney, Dawn, Froeseth, Julie, Robertson, Jason, Denton, Leo F., Ensminger, David. "Agile CS1 Labs: eXtreme Programming Practices in an Introductory Programming Course," Proceedings of XP/Agile Universe 2004,

Calgary, Canada, August 15-18, 2004. Lecture Notes in Computer Science, Springer, 2004.

- McKinney, Dawn and Denton, Leo F. "Houston, we have a problem: there's a leak in the CS1 affective oxygen tank," Proceedings of the 35th SISCSE Technical Symposium on Computer Science Education, Norfolk, Virginia, March 2004.
- Denton, Leo F., McKinney, Dawn, and Doran, Michael V. "Promoting Student Achievement with Integrated Affective Objectives", ASEE 2003, Nashville, TN, June 2003.
- Denton, Leo F., Doran, Michael V., and McKinney, Dawn. "Integrated Use of Bloom and Maslow for Instructional Success in Technical and Scientific Fields", ASEE 2002, Montreal, Canada, June 2002.

SYNERGISTIC ACTIVITIES:

- Collaborative Learning: Design, implement, and assess collaborative learning experiences in all classes taught. Initiated cross-discipline collaborative learning involving service-learning. Appointed to the team for a Quality Enhancement Program for collaborative learning at the University of South Alabama.
- Service-Learning: Co-founder of USA's Center for Academic Service-Learning and Civic Engagement (2007-2008) and Co-Director (2008-2011). Representative for USA in Alabama State Service-Learning Consortium. Has helped to coordinate university-wide civic engagement events, design, implement, and assess service-learning seminars for USA faculty, and support of service-learning experiences across campus.
- Learning Communities and the First-Year Experience: Design/teach freshman course for a learning community and service-learning collaboration with English composition course for promoting the sense of belonging and writing skills during the first semester for freshmen CIS students.
- Mentoring: Mentor for USA Special Student Services, founder and coordinator of the CIS Peer Mentor Program, mentor for service-learning project teams and UCUR.

- Team Experiences: Pair programming in programming classes, team projects in all courses taught, team skills taught and measured in classes including team presentations.