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PROFILE

Highly motivated computing professional, teacher, and author, specializing in teaching technology to non-technology students, with a diverse range of skills including teaching small to very large classes, training and supervising teachers, developing new courses, developing online courses, developing new learning systems utilizing the latest technologies, and authoring textbooks.

EDUCATION

M.S. Computer Science (1997)
Florida State University, Tallahassee, FL

B.A. Music Theory & Composition (1982)
Minor in Sociology
Morehead State University, Morehead, KY

FACULTY POSITIONS

2008 – Present

Florida State University, Program in Interdisciplinary Computing (PIC), Director

Faculty member, reporting to the Dean of Arts and Sciences, charged with developing and delivering computing courses that serve the needs of students in non-technology degrees. Involved in researching and developing unique, non-traditional teaching methods to make computing and programming classes interesting and engaging for students that are not naturally drawn to technology. Work with Deans and faculty across the university to determine class topics that would benefit students across multiple disciplines. PIC is overseen by a steering committee that includes representatives from six FSU Departments in five FSU Colleges. See www.pic.fsu.edu for details of the program.

In its first three years, PIC grew its enrollment from two courses serving 120 students to four courses serving 500 students, with a strong likelihood of doubling this amount in its fourth year. PIC's comprehensive "Spreadsheets for Business Environments" course has become required for most students in the College of Business. PIC's Intro to Website Design course has become popular with students across a dozen different majors. Besides its own four courses, PIC's catalogue of courses includes interdisciplinary computing and information technology courses from five different FSU departments: Geography, Information Studies, Scientific Computing, Communication, and Business Management. PIC is also involved with other interdisciplinary efforts across campus including a Game Design Certification program, a Mobile Technologies Development program, and a Fabrication Art Research Center.

PIC has developed new forms of online teaching, utilizing social networking and popular online technologies, and intends to move next to developing mobile platforms for education. PIC utilizes three faculty, 14 graduate students, and two undergrads in its teaching and research.

Soon after it was established, PIC successfully solicited the Florida Board of Education to add IDC –

Interdisciplinary Computing, as a new academic discipline in Florida's Statewide Course Numbering System. PIC then, created six new courses: CGS2518 Spreadsheets for Business Environments, CGS2821 Introduction to Web Site Design, CGS2835 Interdisciplinary Web Development, COP 2258 Problem Solving with Object-Oriented Programming, IDC2930 Special Topics in Interdisciplinary Computing, IDC5900 Teaching Interdisciplinary Computing.

1997–2008

Florida State University, Computer Science Faculty, Associate in Computer Science

Director of Computer Literacy at FSU

Faculty member charged with managing Florida State University's computer literacy program; guaranteeing that Florida State University students acquire a solid foundation of technological understanding and the computer application skills necessary to excel in today's competitive job market.

TEACHING

Recent teaching responsibilities:

- **CGS2826 Intro to Web Site Design:** This course teaches Web site design skills and considerations including graphics design principles, logical design principles, usability, information management and communication. Coursework is focused on applying Web design to projects in the student's discipline.
- **CGS2835 Interdisciplinary Web Development:** The course provides an introduction to Web page and Web site design, Web site management, and Web programming for students from all disciplines. Students will gain an understanding of how the Web functions, how Web sites are designed to be visually pleasing and functionally useful, and will also learn basic systems development and computer programming techniques and concepts.

Previous teaching responsibilities:

- **CGS2060 Computer Literacy** (3,750 students annually): Skills taught include Microsoft Windows, Microsoft Office, and Web research. Concepts taught include numerous topics under the headings hardware, software, Internet, Web, telecommunications, and information security. Classroom and online course delivery modes available.
- **CGS2060 Computer Literacy for Mac** (500 students annually): Same as above except Mac OS X instead of Windows, and Office for Mac. Also cover Apple iLife applications. Classroom and online course delivery modes available.
- **CGS2100 MicroApplications for Business and Economics** (2,500 students annually): Skills taught include Microsoft Windows, Microsoft Office, and Web research. Concepts taught include numerous topics under the headings hardware, software, Internet, Web, telecommunications, databases, ecommerce, MIS, systems development, and information security. Classroom and online course delivery modes available.
- **CGS2064 Computer Literacy II** (300 students annually): Skills taught include computer graphics, digital photo editing, HTML, beginning Web development. Concepts taught include numerous topics under the headings digital media, information security, databases, ecommerce, management information systems, systems development, global and ethical issues. Classroom and online course delivery modes available.

Other courses taught:

- **CGS3066 Internet Programming and Design:** Redesigned this course in 2006/2007 to incorporate current topics, increase enrollment, and launch an online version.
- **CIS3931-02 Digital Media and Communications**
- **CIS4930 Special Topics: Computers, Applications, and the Web for Educators** (taught at Maclay School for K-12 teachers)
- **CIS5900 Special Topics: Intranet Database Programming**
- **CGS4406 Object Oriented Programming with C++**

COURSE DEVELOPMENT

- 2010
 - Assisted Anthropology in taking two of its courses online.
 - Developed an online version of CGS2826 – Intro to Web Site Design, utilizing an innovative online Learning Community based on social networking platform BuddyPress.
 - Re-Designed CGS2826 Intro to Web Site Design
 - Developed CGS2835 Interdisciplinary Web Development
 - Worked with Geography Dept. to offer GIS course for non-majors
 - Worked with School of Library and Information Studies to develop Information Technologies and Intro to Database courses for all majors
 - Worked with the Department of Scientific Computing to promote Intro to Scientific Computing and Intro to Game Design and Simulation courses for all majors
- 2009
 - Interviewed College Deans and Department Chairs to determine technology course needs. Launched four courses to meet those needs:
 - Introduction to Web Site Design (visual and organizational Web design)
 - Interdisciplinary Web Development (Web design and programming)
 - Problem Solving with Object Oriented Programming
 - Spreadsheets for Business Environments (advanced techniques)
- 2008
 - Completely revamped CGS2060 Computer Lit to be a more challenging course that caters to both Mac and Windows users, combining skills and concepts previously taught in CGS2060 and CGS2064, plus today's most popular online applications.
- 2007
 - Created online version of CGS2060 Computer Lit for Mac
 - Created online version of CGS2064 Computer Lit II
 - Redesigned CGS3066 Internet Programming and Design to make it more accessible and appealing to non-technology majors
 - Created online version of CGS3066 Internet Programming and Design
 - Created CIS3931-02 Digital Media and Communications
- 2006
 - Created CGS2060 Computer Lit for Mac to accommodate the growing number of Apple Mac users.
- 2004
 - Created CGS2064 Computer Lit II to accommodate students that are already computer literate and provide them with additional valuable skills and knowledge to prepare them for professional life.
- 2002
 - Designed and implemented the only University-approved computer competency exam that provided over 200 students each year, over four years, the opportunity to fulfill FSU's requirement without having to take a class.
- 1998
 - Created FSU's first online classes: CGS2060 and CGS2100
- 1997
 - Redesigned CGS2060 Computer Literacy to accommodate growth from 750 to 5,000

students annually:

- rewrote and streamlined curriculum
- developed web-based content
- implemented computer-based testing and training
- designed new organizational policies and procedures
- automated redundant procedures by crafting Web-based CGI scripts, and developed secure software to manage student grades on the department LAN
- restructured teaching staff into several job categories: recitation instructors, lecturers, testing administrators, graders, and an administrative assistant
- Created and designed CGS2100 MicroApps for Business to accommodate the needs of the FSU College of Business.

LEARNING SYSTEMS/SUPPORT DEVELOPED

- 2010 • **Emerge with Computers:** Online learning framework for computer fluency that features wiki-style presentation of computer concepts and issues with video lessons for popular computing skills. Offered through Course Technology Pub. (<http://www.course.com>)
- 2008 • **Online Learning Communities:** utilizing an online social network framework to transform courses from traditional models to community driven learning.
- **Microsoft Office 2007 In a Flash:** video lessons for Office 2007 used by FSU students and students at other Universities (<http://www.course.com/inaflyash>)
- 2007 • **CourseCast of the Week:** a weekly ten-minute podcast that ties current events to important technology concepts for use in college curricula (<http://coursecasts.course.com>)
- 2006 • **Teaching College Computer Literacy:** a blog for tech teachers which included weekly articles on teaching technology to college students
- 2005 • **CourseCasts:** Podcasts that assist student in learning key terms associated with typical introductory technology courses taught at colleges
- 2005 • **Online Quiz Manager:** provides an effective method of generating, presenting, and grading, random order multiple choice questions for remote testing over the Web.

UNIVERSITY AND DEPARTMENTAL SERVICE

- 2011 Served on The Faculty Senate Library Committee - Taskforce on Scholarly Communication formed to advise the Faculty Senate on FSU's path towards Digital Commons and Open Access Publishing
- 2010-2011 Served on Provost Search Committee
- 2007-2008 Implemented a new course development and marketing project that increased enrollment in non-programming service courses by 53 percent to 2,514 students.
- Computer Science Departmental Committees
 - Undergraduate Curriculum Committee (2004-2007)
 - Equipment Committee (2000-2005)
 - Faculty Recruitment Committee (2004)
 - Ad-hoc committee to redesign departmental bylaws (2003)

OTHER SERVICE

- Serve on the Florida Department of Education's committee for developing and maintaining the

Florida Teacher Certification Examinations in the area of Computer Science.

- Worked to establish an Interdisciplinary Computing discipline in the State of Florida's course numbering system with a new course prefix: IDC. Acted as discipline coordinator until IDC was merged into Computer Science.

TEXTBOOK PUBLICATIONS

- Baldauf, K.J. & Stair, R. (2010). *Succeeding with Technology, 4th Edition*, Boston, MA: Course Technology
- Baldauf, K.J. (2010). *Emerge with Computers*, Boston, MA: Course Technology
- Baldauf, K.J. (2008-2010). *Principles of Information Systems (9th & 10th Editions)*, Stair/Reynolds, Boston, MA: Course Technology - revised three chapters
- Baldauf, K.J. (2007). Contributed 84 Vignettes, Boxes, and Case Studies for *Principles of Information Systems (6th – 10th Editions)*, Stair/Reynolds, Boston, MA: Course Technology
- Baldauf, K.J. & Stair, R. (2006). *Succeeding with Technology, 2nd Edition*, Boston, MA: Course Technology
- Baldauf, K.J. & Stair, R. (2005). *Succeeding with Technology, 2005 Update*, Boston, MA: Course Technology
- Baldauf, K.J. (2004). Contributed 72 Vignettes, Boxes, and Case Studies for *Principles of Information Systems (7th Edition)*, Stair/Reynolds, Boston, MA: Course Technology
- Baldauf, K.J. & Stair, R. (2004). *Succeeding with Technology*, Boston, MA: Course Technology
- Baldauf, K.J. (2002). 42 Vignettes, Boxes, and Case Studies for *Principles of Information Systems (6th Edition)*, Stair/Reynolds, Boston, MA: Course Technology
- Baldauf, K.J. (2002). Co-authored *TOM (Training Online Manager)*, a CBT for Office XP. Boston, MA: Course Technology
- Baldauf, K.J. (2000). *Learn Windows 2000*. Upper Saddle River, NJ: Prentice Hall
- Baldauf, K.J. (1999). *Learn Windows NT4.0 Workstation*. Upper Saddle River, NJ: Prentice Hall
- Baldauf, K.J. (1999). *Windows 98 Essentials*. Upper Saddle River, NJ: Prentice Hall
- Baldauf, K.J., & Solosky, S. C. (1999). *Learn Windows 98*. Upper Saddle River, NJ: Prentice Hall
- Baldauf, K.J., Preston, S., & Acklen, A. (1998). *Windows NT4 Essentials*. Upper Saddle River, NJ: Prentice Hall

RESEARCH & PRESENTATIONS

Ongoing research in areas of college-level computer literacy/fluency and interdisciplinary computing has led to presentations to educators across the country:

- Baldauf, K., "Shifting Paradigms in Education"
Keynote address at the California Business Educators Association State Conference in San Jose, CA, November 6, 2010
- Baldauf, K., "Welcome to the Social LMS"
California Business Educators Association State Conference in San Jose, CA, November 6, 2010
- Baldauf, K., "Emerge with Computers: Providing Course Content and Community Online (Teaching Outside the Book!)"
The League for Innovation's annual Conference on Information Technology (CIT) - Detroit – October, 2009 and also at Course Technology Webinars.
- Baldauf, K., "CT3: Concepts, Issues, & Skills (The Evolution of Online Education)"
Cengage/Course Technology National Conference and Forums – Houston, LasVegas, Orlando – March, 2009

- Baldauf, K., “Interdisciplinary Computing”
Cengage/Course Technology National Conference, Las Vegas, March, 2009
- Baldauf, K., “Topic Relevance through Current Events and Podcasting”
Teaching With Technology Showcase and Tech Fair sponsored by the Center for Teaching and Learning at FSU, February 2009.
- Baldauf, K., “Teaching with New Technologies II”
Course Technology Forums, Atlanta, Baltimore, Minneapolis, Orange County, March 2008
- Baldauf, K., “Back to the Drawing Board - Re-evaluating what we teach in the Intro Course and how we teach it”
Course Technology National Conference, Nashville, March 2008
- Baldauf, K., “The Value of College Computer Literacy in the New Age”
ATEAM Alabama Community Colleges Conference, Huntsville AL, March 2008
- Baldauf, K., “Web 2.0 for Educators”
ATEAM Alabama Community Colleges Conference, Huntsville AL, March 2008
- Baldauf, K., “Teaching with New Technologies”
Course Technology National Conference, Las Vegas, November, 2007
- Baldauf, K., “How I Increased Class Enrollment by 53 Percent Overnight”
Course Technology National Conference, Orlando, March, 2007
- Baldauf, K., “Coursecasts – Weekly Technology Podcasts for Your Students”
Course Technology National Conference, Orlando, March, 2007
- Baldauf, K., “Computer Literacy: What Do Employers Want?”
Course Technology National Conference, San Francisco, March, 2006
- Baldauf, K., “The Elements of the Intro Course”
Course Technology Forums, Austin, Orlando, 2006
- Baldauf, K., “The Effects of K-12 Educational Technology Standards on the Future of College Computer Literacy”
Course Technology National Conference, Orlando, March, 2005
- Baldauf, K., “Computer Literacy: A New Approach”
Course Technology National Conference, San Antonio, March, 2004

Presentations available at <http://www.kenbaldauf.com>

SOFTWARE SYSTEMS DEVELOPED

2004 **Online Scheduler**

- **Description:** provides an effective web-based method for scheduling ad-hoc meetings at a time that is agreeable to many participants with varying schedules.
- **Development Tools/Languages Used:** HTML, dHTML, CGI, Perl, Macromedia *Dreamweaver*

2000 – 2001 **Digital Gradebook**

- **Description:** A multi-component course management tool that organizes all relevant course information (course data, student data, instructor data) into a central database accessed by faculty and teaching assistants through a Visual Basic intranet application, and by the students/world via cgi/perl Internet applications.
- **Development Tools/Languages:** UML, Rational Rose, Visual Basic 6, MySQL, Java, CGI/Perl, HTML

1997 – 2001 **Course Management Tools**

- **Description:** an array of webbased cgi/perl applications used to automate

cumbersome redundant administrative tasks including: make-up exam scheduling, webbased course application requests, teacher scheduler, make-up exam consent form, extra credit quizzes, and an on-line gradebook.

1997 **AirMusic** (Master's Project)

- **Description:** A multimedia application that captures video frames and maps detected movement to MIDI musical events.
- **Development Tools/Languages:** Borland C++, Windows API MIDI, Matrox Imaging Library (MIL)

1996 **Jobs Page**

- **Description:** A web application that connects employers with our students. Students post resumes, employers post job openings. Maintained by the Florida State University Computer Science Department.
- **Development Tools/Languages Used:** HTML, dHTML, CGI, Perl, Macromedia *Dreamweaver*

PROFESSIONAL EVALUATIONS, HONORS & ORGANIZATIONS

- Consistent and uncommonly high rankings in State University System Student Assessment of Instructor (SUSSAI) over span of career
- Consistently high evaluations from departmental faculty evaluation committee. Top-ranked for 2004-2005, 2005-2006, 2006-2007.
- Recognized as an FSU "WebStar" for effective use of the Web in teaching --publicized on the FSU campus login page
- Member Association for Computing Machinery (ACM)
- Member Upsilon Pi Epsilon, Honor Society in the Computing Sciences
- 1997 University Wide Outstanding Teaching Assistant Award, FSU
- 1995-1997 Departmental Outstanding Teaching Assistant Award, Computer Dept., FSU

For a more detailed description of Ken Baldauf's work please see <http://www.kenbaldauf.com>