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2004 - Present Tenured Associate Professor, Instructional Technology, Program Director, Instructional Technology Graduate Program, Department of Curriculum, Instruction, and Leadership, College of Education and Human Development at the University of Louisiana at Monroe, Monroe, Louisiana, a university serving 8,500 students. Manage and teach online graduate courses of Instructional Technology, including professional Instructional Technology internships.

Endowed professor, **Entergy Professorship** in Instructional Technology in Teacher Education.

- Developed and redesigned over a dozen graduate courses in Instructional Technology for online delivery in this 100% online program. Teach and coordinate undergraduate technology integration courses
- Very favorable student evaluations.
- Graduate courses require the creation of an interactive online electronic portfolio; regarded by students as extremely useful for job interviews.
- Prepared and managed accreditation requirements.
- All original content I develop is open-source. <http://ulm.edu/~beutner/>
- It is likely that I have taught more online courses using "Moodle" at this university than any other instructor.
- Have directed many dozens of university-wide faculty development workshops with very favorable evaluations.
- Have visited dozens of faculty, across campus, in their offices, to assist with technology and teaching strategies.

- Direct the annual state-wide online "Louisiana High School Technology Challenge" that has impacted 4,700 students over the last 7 years. Was able to secure sponsorship by CenturyLink: <http://ulm.edu/techchallenge>
- Founder, Louisiana GeoGebra Institute. This institute is one of a few in North America. "GeoGebra" (<http://geogebra.org>) is unique and powerful open source software that will change the way mathematics is taught in schools by providing the means to use free interactive online virtual hands-on "applets" that help students to visualize every aspect of mathematics.
- Member, National Test Development Standing Committee for the **Praxis** "Principles of Learning and Teaching" (PLT) for Educational Testing Services (**ETS**). Test item production and review for this national examination that is required for teacher certification in the USA. (Previously, was a member of the national advisory committee that set the specifications of the Praxis PLT.)
- Software developer of a unique way for teachers to author interactive audio applications that support reading and literacy... at no cost. This open source

framework provides interactive audio with focused visuals over the Internet designed as interactive educational content by teachers. Working examples: <http://ulm.edu/aceadventures/2012/d1/>

An outreach program is underway to work with area schools to enable teachers to create and narrate their own authored content for delivery over the Internet. Here are [recent examples of working student-produced educational applications](#).

9/2014 Evaluator/Organizer, LACUE Video Contest Event Committee, **LACUE Student Video Contest** for K-12 schools in Louisiana. This is the largest video contest in the state. Designed the visual tutorial with detailed instructions for this event: <http://ulm.edu/~beutner/LACUE-Video-Contest-2014/Video-Contest-2014.html>

2/2014 Evaluator, **LACUE Technology Innovation Grant** for K-12 teachers in Louisiana. Over \$20,000 was awarded to **10 winners** from a total of 84 submissions. This is the largest innovation grant program in the state.

Show Me, Tell Me! iPads as an Interactive Tool in the Math Classroom	Linda Wilson	Gonzales Middle-Ascension Parish
Implementation of Inquiry Based Science Instruction via Probeners	Cody Cole	East Beauregard High School-Beauregard Parish
My Scholars are Sorbes	Valerie Burton	West Jefferson High School-Jefferson Parish
Technology-Infused Library Spaces (TILS)	Pamela Gailard	Poland Jr. High-Rapides Parish
iPads in the High School Library	Adri LeBlanc	DeQuincy High School - Calcasieu Parish
mLibrary2.0	Jade Calais	Acadiana High School-Lafayette Parish
Talk is Not Cheap	Rachel Harmon	Miss Bluff Middle School-Calcasieu Parish
Teaching 3-D Design with SolidWorks	Rhonda Crawford	Pine High School-Washington Parish
Going Google	Sarah Triplett	Ethel Schoerber Elementary-St. Charles Parish
I Can Hear You Learning	Angela Kiser	Miss Bluff Elementary-Calcasieu Parish

Spring 2013 **LACUE (Louisiana Computer-Using Educators) Board Member Representative for Higher Education**. This state-wide technology organization manages the annual LACUE state conferences which draw thousands of educators. This organization is an ISTE (International Society for Technology in Education) affiliate.

Fall 2012 With a group of several undergraduate "Emerging Scholars", developed visual media for open-source online interactive educational applications designed for young readers. Each student earns a \$400 scholarship.

Spring 2012 Served as a national judge for the annual "Chief Learning Officer" magazine's prestigious LearningElite event involving top corporations. This professional eLearning publication represents corporate "best practices" in online learning and training. <http://ulm.edu/universityrelations/news/may12/beutner.html>

July 2011 Was one of 4 finalists for "University Technology Leader of the Year" at the Governor's Technology Awards annual competition organized by the Louisiana Technology Council.

May 2011 Finalist for the ULM Foundation Award for Excellence in the category of Creative/Artistic Excellence.

Summer 2011 Initiated a major grant (\$1 million+) for the establishment of a multi-year graduate program in Special Education. Worked successfully with a team of colleagues to submit the proposal before a very tight deadline. (Funding of this grant category was canceled at the federal level.)

Spring 2011 Signed book contract to publish and share a unique strategy for teachers to create and produce online interactive audio content for any educational purpose,

especially for young readers. This new technology application has enormous potential as a free, equitable, and accessible learning resource that can be used by anyone to develop educational content, without any costs.

- Spring 2011 Awarded a \$5,000 STAP grant to provide 25 ULM students each with a scholarship of \$200 to develop a major creative effort to create online "Ace Talking Stories" based on "Ace" the junior ULM mascot for young readers.
- Spring 2011 Collaborator of a successful grant for \$69,500 with Dr. Lynn Clark (PI) to establish a Diversity Center with multimedia capabilities. The Center will occupy two rooms on the first floor of Strauss Hall.
- Spring 2011 Submitted a large 3-year federal grant (\$600K+) as PI for the development of interactive online Chinese learning materials in collaboration with the Foreign Language Department. This grant applies a unique online audio-enabled technology approach.
- Spring 2011 Developed, prepared, and wrote the core structure for the establishment of a new undergraduate program called "Instructional Design". This involved 100 hours of work. This proposal for a new program has been submitted to the Board of Regents.
- Spring 2010 Wrote rejoinders for the successful accreditation of the graduate programs in Instructional Technology. This involved 200 hours of work.
- 2009 Awarded **Post Secondary Teacher of the Year** for the state of Louisiana by the Louisiana Association for Computer Using Educators (LACUE), the statewide affiliate of the International Society For Technology In Education (ISTE).
<http://www.ulm.edu/universityrelations/news/dec08/beutner.html>
- 2007-2010 **Director, Teaching Learning Resource Center (TLRC)**; this university-wide unit provided professional development to University faculty. Directed and coordinated **hundreds** of faculty workshops and related professional development sessions at this 9,000-student university, including bi-annual "University Week" events for hundreds of ULM faculty. Reported directly to the Provost.
- 2009-2011 **Endowed Chase Bank Professorship of Teacher Education**. Have taught over 1,000 in-service and pre-service educators in the USA and more than 2,000 undergraduate students overseas.
<http://www.ulm.edu/advancement/professorships/beutner.html>
- 2007-2011 Organizer/Representative, Annual Student Research Symposium.
<http://ulm.edu/symposium/representatives.html>
- 2008-2011 Research Fellow, ULM Social Science Research Lab.
<http://www.ulm.edu/ssrl/fellows.html>
- 2008 As an ETS consultant, served on the National PRAXIS Review Committee (composed of 12 national members) of PRAXIS: Principles of Learning and Teaching, a requirement for teacher certification in the USA.

<http://www.ulm.edu/universityrelations/news/feb08/beutner.html>

2007-
Current Founder/Director, Louisiana High School Technology Challenge, an annual online high school technology challenge competition in Louisiana:
<http://ulm.edu/~techchallenge/> Very favorably evaluated by participants.

2010-
Current Founder/Director, GeoGebra Institute of Louisiana, a regional training institute, for the development of professional development content for the production of interactive online mathematics instructional materials with the open-source "GeoGebra" application. Working example: <http://ulm.edu/tlrc/jar/12b.html>

2008-
Current New Media Developer, "Ace Adventures", a university-based program to encourage reading, affecting a service region of over 30,000 children in the impoverished "Delta Region" of northeast Louisiana. <http://ulm.edu/ace/>

2006-
Current Developer, unique advance in the use of audio for Distance Learning:
<http://www.ulm.edu/universityrelations/news/nov09/michaelides.html>

Developer, interactive online audio stories for literacy. Working example, for young readers: <http://www.ulm.edu/aceadventures/03/index.html>
This approach in producing audio educational content is unique.

1999-2004 Professional Multimedia Software Developer, Beutner Multimedia Software Services, Athens, Ohio. Professional development of commercial software. Contracted production of 20+ commercial video-based educational software titles. Direct sales of over 10,000 titles. Instructional design, digital media production, and educational software programming.

International Teaching Background

1992-1995 University Instructor/Technical Assistant. Faculty, English Language Institute, University of Guam. Instruction and curriculum development of intensive English language program for the preparation of university admission. Early adopter of technology. Presented at regional conferences and developed software applications for language learners.

1985- 1992 University Lecturer. Faculty, International Trade Department of Tunghai University, Taichung, Taiwan. Tunghai University was regarded as Taiwan's highest-ranked private university. Tenure status with free housing.

Program Coordinator and Lecturer. Faculty of the International Trade Department of Tunghai University, a department with 1,200 full-time students. Responsible for coordinating the largest academic program for Business Communication in English in Taiwan. Taught more than 2,000 International Trade students. Designed, coordinated, and modified an integrated curriculum for a 500-student university program on Business Communication.

Education

1996 - 2001 Ph.D. Degree, Instructional Technology, Ohio University, June 2001. Full academic scholarship with teaching duties. Graduated with academic

honors. Dissertation involved new applied research in the application of speech recognition to improve pronunciation of Chinese in non-native language learners. This research led to the development of original multimedia-based learning software materials for the instruction of Chinese. Considered by the university as a new research field.

1977-1979 M.A. Degree. Public Administration, Ohio University. Athens, Ohio. Full academic scholarship as a Teaching Assistant in the Political Science Department. Graduated with academic honors. Instructed own courses.

1975-1977 B.A. Degree, Political Science from the University of Cincinnati, Ohio. Minor in Engineering. Graduated with academic honors. This department developed the SPSS statistics software program.

Publications

Tao, L., Beutner, M., Bond, Z., (2006). Speech recognition technology in the instruction of Mandarin Chinese. *Journal of the Chinese Language Teachers Association*, 41:3, 57-89.

Created **dozens of commercial software programs** as a professional software programmer and media developer, including commercial educational software titles with sales of over 10,000 CD-ROM titles, mostly focusing on young audiences. Created many open source software applications designed for teachers. Created many online professional development visual tutorials for advanced applications of technology in education for comprehensive professional development for a 9,000-student university.

Developer of open-source software particularly well suited for busy teachers who want to create original interactive online software... at no cost.

Voluntary Service: Peace Corps

1979 - 1982 US Peace Corps Volunteer, Local Development Administration Program, U.S. Peace Corps, in the Visayas region of the Philippines. Municipal planning activities in a remote area of the central Philippines. Initiated and coordinated technical assistance for self-help projects, especially for community-based sanitation projects to deal with endemic amoebiasis, a water-borne parasite.

- Was awarded the highest civic honor of the municipality.
- Successfully implemented a number of large grant-funded projects.
- Established a non-profit, private foundation with active social leaders to fund many community-based projects including the construction of **212** hand-dug, concrete-lined water wells and **17** communal toilets built with voluntary labor.

An illustrated popular handbook on hand-dug wells was published by the Australian Government in 1989 based on this method for building very cost-effective permanent shallow hand-dug water wells. The manual describes in detail how to create curved hollow concrete blocks from wooden forms.