

# Brian Edmond

8878 N FR 75

Walnut Grove MO 65770

417.742.9438

[BrianEdmond@MissouriState.edu](mailto:BrianEdmond@MissouriState.edu)

## Objective

My primary objective is to use my experience and skills to create meaningful contributions to science, conservation, education, and community initiatives.

## Employment

- Missouri State University (Springfield MO), 2007 - current, Senior Systems Analyst
- Missouri State University (Springfield MO), 2003 - 2007, Systems Analyst
- Bass Pro Shops (Springfield MO), 1998 - 2003, Senior Programmer / Analyst
- Daffron and Associates (Bowling Green MO), 1995 - 1998, Database Programmer / Tech Support
- Oregon State University (Corvallis OR), 1993 - 1994, Instructor / Research Assistant
- University of Missouri (Columbia MO), 1988 - 1993, Instructor
- US Forest Service (Jonesboro IL), 1992, Wildlife Research Technician
- US Army Corps of Engineers (Monroe City MO), 1989 - 1990, Park Ranger

Complete and detailed employment history available on-line (<http://bse.moherp.org/employment.pdf>).

## Systems Summary

- Certifications: IBM Certified Specialist – AS/400 RPG IV Developer, June 2000 (expired), IBM Certified Specialist – AS/400 System Operator, September 2002 (expired)
- Languages: ASP, Avenue, CLLE, COBOL, CSS, DB2, HTML, Java, JavaScript, JSP, Oracle, PHP, PL/SQL, PostgreSQL, Python, RPGLE, SQL, VBA, XML
- Platforms: IBM iSeries (AS/400), Linux, Microsoft Windows, Mac OSX, Unix
- Software: Apache, ArcView, iSeries Navigator, Microsoft Office, SQL Developer (Oracle), PostGIS PostgreSQL, Quantum GIS, ReportLab

## Accomplishments

- Assumed daily leadership responsibilities for a group of 25 systems analysts, programmers, and DBAs while the entire Missouri State campus worked through a 30-month ERP implementation. Partly for this and related work, I received the Staff Excellence in University Service Award at Missouri State University in 2009.
- Managed a team of eight systems analysts and programmer / analysts responsible for all student and academic related applications at Missouri State University. This period (after the ERP implementation) consisted of making the immense adjustment from creating custom software to supporting and interfacing with the ERP and other third-party products.
- Served as the technical project lead and primary designer for an aggressive registration initiative (CAP-IT) at Missouri State that provided students with a web-based module for choosing a tuition plan. This project involved as many as ten analysts and developers simultaneously and required close cooperation with administration, financial services, and the registrar. The project was a key component of an initiative started by the President of the University and the Governor of Missouri.

-- Designed and managed development for a web-based application for processing student-requested course permissions. Design considerations involved both faculty and student issues and several campus presentations were needed to fully implement the system. The design was also flexible enough to accommodate some exceptional situations implemented after the main rollout. This system was very well-received at Missouri State and became a stable and practically support-free application used during each registration cycle.

-- Leveraged existing database journaling technology at Missouri State to design and implement modular change history applications for student academic records and course management systems. These applications quickly exceeded their original design purpose and became vital in researching problems and determining enterprise application and data relationships.

-- Created several presentations explaining technical and scientific topics to audiences with varying levels of expertise. Topics ranged from classroom material (as a University teaching assistant), outdoor natural history programs, training sessions for programmers and analysts, presentations on technical subjects, and demonstrations of new computer systems to users and administrators.

-- Specialized in designing and creating reusable code modules and third-party interfaces at both Missouri State and Bass Pro Shops, trained other programmers in their usage, and served as an internal consultant for other developers seeking to implement similar solutions.

-- Over the last decade, actively pursued a broad array of technologies and development methodologies and kept current on information systems issues, particularly concerning privacy and security. During this time, I also realized the importance of developing and maintaining good relationships with all functional constituents, which included a diverse group consisting of administrators, facility managers, biologists, public servants, students, faculty, deans, department heads, and staff members. Clear, concise, and non-technical communication with this diverse group and a customer service attitude has always been one of my highest priorities.

## Education

-- Missouri State University (GPA: 4.0), Springfield MO, graduate coursework

-- Oregon State University (GPA: 3.5), Corvallis OR, graduate coursework

-- University of Missouri (GPA: 3.7), Columbia MO, Bachelor of Science, Wildlife Biology, 1993

Complete coursework listing available on-line (<http://bse.moherp.org/coursework.pdf>).

## Publications

-- Edmond, B.S. and R.E. Daniel. 2010. Missouri Herpetological Atlas Project.

<<http://atlas.moherp.org/>> Accessed: 27 August 2010.

-- Edmond, B.S. 2010. Missouri Herpetological Association. <<http://www.moherp.org/>>

Accessed: 27 August 2010.

-- Daniel, R.E. and B.S. Edmond. 2010. Atlas of Missouri Amphibians and Reptiles for 2009.

<<http://atlas.moherp.org/pubs/atlas09.pdf>>

-- Daniel, R.E., B.S. Edmond and J.T. Briggler. 2009. New Herpetological records from Missouri for 2009. Missouri Herpetological Association Newsletter (22): 7-9.

-- Edmond, B.S. 2008. Possible mating mismatch in Madison County Missouri? Missouri Herpetological Association Newsletter (20): 14.

-- Daniel, R.E. and B.S. Edmond. 2007. Stream breeding by the spotted salamander (*Ambystoma maculatum*) in Missouri. Missouri Herpetological Association Newsletter (20): 15-16.

- Edmond, B.S. and R.E. Daniel. 2007. Texas Garter snakes in the Ozarks? Missouri Herpetological Association Newsletter (20): 24-25.
- Edmond, B.S. 2003. Observation of shrike predation on a western chorus frog. Missouri Herpetological Association Newsletter (16): 16-17.
- Edmond, B.S. and R.E. Daniel. 2001. Maximum Size Records for Amphibians and Reptiles in Missouri. Missouri Herpetological Association Newsletter (14): 15-16.
- Blaustein, A.R., Edmond, B.S., Kiesecker, J.M., Beatty, J.J., and Hokit, D.G. 1995. Ambient Ultraviolet Radiation Causes Mortality in Salamander Eggs. Ecological Applications (5): 740-743.
- Edmond, B.S. 1993. Geographic distribution: *Tantilla gracilis*. Herpetological Review 24:68-9.
- Edmond, B.S. 1992. Geographic distribution: *Ambystoma maculatum*. Herpetological Review 23:121.

## Presentations

- Hawkins, R. and B.S. Edmond. 2009. Academic Advising at Missouri State University: What we do and how we do it with Banner! Missouri-Oklahoma-Kansas-Arkansas Banner User's Group Meeting. <<http://people.missouristate.edu/brianedmond/MOKABUG2009.pdf>>
- Edmond, B.S. and G. Snider. 2008. Database Change History: Legacy, Banner, and Beyond! <<http://people.missouristate.edu/brianedmond/HELIX2008.pdf>>
- Edmond, B.S. and R.E. Daniel. 2007. Herpetology Halloween: Unnatural Occurrences at the Missouri / Kansas Border or Why We Should Be Working with Other States to Understand Species Distributions in Missouri. Missouri Herpetological Association Annual Meeting. <<http://atlas.moherp.org/pubs/mha07.pdf>>
- Edmond, B.S. and R.E. Daniel. 2006. Herpetology Halloween: Unnatural Occurrences at the Missouri / Kansas Border. Kansas Herpetological Society Annual Meeting. <<http://atlas.moherp.org/pubs/khs06.pdf>>
- Hornberger, R. and B.S. Edmond. 2005. Web Registration at Missouri State University: Planning, design, installation, and support of a custom web registration system. <<http://people.missouristate.edu/brianedmond/HighEdWebDev2005.pdf>>
- Edmond, B.S. and R.E. Daniel. 2003. The Missouri Herpetological Atlas Project (MOHAP): An Introduction. Kansas Herpetological Society Annual Meeting. <<http://atlas.moherp.org/pubs/mohap02.pdf>>
- Edmond, B.S. and R.E. Daniel. 2002. The Missouri Herpetological Atlas Project (MOHAP): An Introduction. Missouri Herpetological Association Annual Meeting. <<http://atlas.moherp.org/pubs/mohap02.pdf>>

## Community Service

- Active webmaster for [Missouri Herpetological Association](#), [Atlas of Missouri Amphibians and Reptiles](#), [Midwest Partners in Amphibian and Reptile Conservation](#)
- Volunteer for special projects with the Missouri Herpetological Association, Missouri Native Plant Society, Missouri Prairie Foundation, Ozark Regional Land Trust, and The Nature Conservancy
- Collected more than 2000 amphibian, reptile, insect, and plant specimens and deposited them in appropriate facilities at the University of Missouri, Missouri State University, and Oregon State University
- Assisted in the preparation of public relations displays for the Public Safety Joint Communications Center for Columbia and Boone County, Missouri
- Produced a permanent photographic display for the Pike County Workshop and Ruth Jensen Village, a community for handicapped citizens

## **Memberships**

- Electronic Frontier Foundation
- Missouri Herpetological Association
- Missouri Native Plant Society
- Missouri Prairie Foundation
- National Center for Science Education
- Ozark Greenways
- Ozark Regional Land Trust
- The Nature Conservancy

## **Other Interests**

Kayaking, outdoor photography, nature study, hunting, reading, technology, geography and spatial relationships, wildlife habitat restoration, music, travelling

## **Additional Information**

Transcripts and references available upon request.

<http://people.missouristate.edu/brianedmond/>