BIOGRAPHICAL SKETCH

NAME **Sharath B. Krishna**	POSITION TITLE **Assistant Professor**
eRA COMMONS USER NAME SHARATHK	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
Mangalore University, India	MS		Biosciences
Mangalore University, India	Ph.D.	1999	Applied Zoology

A. Positions and Honors.

Positions and Employment

1990 – 1995 Lecturer, Department of Zoology, Vivekananda Community College, Puttur, India

1995 – 1999 Graduate Student, Department of Applied Zoology, Mangalore University, India

1999 – 2005 Reader, Department of Biosciences, University of Mysore at Hassan, Hemagangothri, Karnataka, India

2006 – 2007 Research Associate, Department of Pharmaceutical Sciences, Texas Tech University Health Sciences Center School of Pharmacy, Amarillo TX USA

2007 – Present Assistant Professor, Central State University, Ohio 45384

Awards

1991 – 1992 University Grants Commission, Department of Human Resources, Govt. of India: Teacher Fellowship award,

1995 Darwin initiative, Department of Environment, UK: Darwin initiative biodiversity fellowship award

2003 – 2004 Royal Society of London, UK: Royal Society Exchange Fellowship award

Professional Memberships

N/A

B. Selected peer-reviewed publications (in chronological order).

1. Sharath B. Krishna, Lloyd F. Alfonso, Thomas J. Thekkumkara, Thomas J. Abbruscato and G. Jayarama Bhat. 2007. **Angiotensin II induces phosphorylation of glucose-regulated protein-75 in WB rat liver cells**. Archives of Biochemistry and Biophysics. 457(1):16-28

2. Dhananjaya B.L., A. Nataraju, R. Rajesh, C.D. Raghavendra Gowda, B.K. Sharath, B.S. Vishwanath and Cletus J.M. D'Souza. 2006. **Anticoagulant effect of *Naja naja* venom 5′nucleotidase: Demonstration through the use of novel specific inhibitor, vanillic acid**. Toxicon. 48:*411-421*

3. Gowda CD, Nataraju A, Rajesh R, Dhananjaya BL, Sharath BK, Vishwanath BS. 2006. **Differential action of proteases from *Trimeresurus malabaricus, Naja naja* and *Daboia russellii* venoms on hemostasis.** Comp Biochem Physiol C Toxicol Pharmacol. 143(3):295-302. Online (PMID: 16627005).

4. Gowda CD, Rajesh R, Nataraju A, Dhananjaya BL, Raghupathi AR, Gowda TV, Sharath BK, Vishwanath BS. 2006. **Strong myotoxic activity of *Trimeresurus malabaricus* venom: role of metalloproteases.** Mol Cell Biochem. 2006 Jan; 282(1-2):147-55.

5. Mamatha A.M., K. Sandesh, S. Shishupala, B.K. Sharath, B. Vishwanath and Cletus J.M. D'Souza. 2003. **A Comparison Of The Venom Bacteria In Cobra (*Naja naja*) And Hump Nosed Pit viper (*Hypnale hypnale*)** In: Alagaudi et al. (eds) Microbes and human sustenance. National conference – association of microbiologists of India. Department of Agricultural microbiology, UAS, Darwad. 182-183.

6. Krishna, Sharath B. 2002. ***Ophiophagus hannah* (King Cobra). Diet**. Herpetological Review 33(2): 141.

C. Research Support

Principal Investigator, six-month grant for a Herpetological Survey of Selected Ponds in Woodland Mound Park and the Little Miami River Corridor. Funded by the Hamilton County Park District (Ohio) ($2,641.00), the goals were: 1) to inventory the amphibians and reptiles living in and around the four pond sites within Woodland Mound park and two vernal pool sites along the Little Miami River corridor; 2) examine the effect of restoration efforts on the reptiles and amphibians; and 3) suggest management plans based on observations made during the inventory

Principal Investigator, two year grant on "Biochemical characterization of snake venom and isolation of useful microbes from endemic snakes in the Western Ghats" A department of Biotechnology, Government of India funded (Indian Rupees 3,600,000) project to identify biologically active and therapeutically useful molecules from snake venom and to study their properties.