

## RAYMOND B. HUEY

### EDUCATION:

- 1961-64 Deep Springs College  
1964-66 University of California, Berkeley A.B. Honors in Zoology (Jan.1966)  
1967-69 University of Texas, Austin M.A. (June 1969)  
1971-75 Harvard University Ph.D. (June 1975)

### PRIMARY PROFESSIONAL EXPERIENCE:

- 1977-80 Assistant Professor, Department of Zoology, University of Washington  
1980-84 Associate Professor, Department of Zoology, University of Washington  
1984- Professor, Department of Zoology, University of Washington

### AWARDS , FELLOWSHIPS, HONORS (primary only):

- 1975-77 Miller Research Fellow, University of California, Berkeley  
1991 Distinguished Herpetologist, Herpetologists' League  
1993 President, American Society of Naturalists  
1994 Plenary Lecturer, 2nd World Congress of Herpetology; Hathaway Lecture, Tulane  
1995 Diebold Symposium Lecturer, Kalamazoo College  
1998 Hansen Lecturer, University of California Berkeley  
1998-99 Guggenheim Fellow  
2000 Saul Lecturer, Middlebury College  
2001 Eminent Biologist Lecture (Pittsburgh Ecoforum)  
2002 Eminent Ecologist (Kellogg Biological Station); Plenary Lecture, American Physiological Society; Plenary Lecture, Biological Society of Chile, Pucón, Chile  
2003 Darwin Lecture, University of Calgary  
2004 O'Leary Distinguished Scientist, Gonzaga University; Eminent Evolutionary Biologist, Georgia Southern University; Roger Carpenter Lecture in Comparative Biology, San Diego State University; President's Award (best paper in Am. Nat.)  
2006 Distinguished Lecture in Evolution, Ecology, & Organismal Biology, U. North Carolina; Athenaeum Lecture, Claremont Colleges  
2007 American Academy of Arts and Sciences (elected)

### PRIMARY RESEARCH INTERESTS:

Huey is an evolutionary physiologist with broad interests in the evolution of thermal sensitivity of ectotherms, ecological and evolutionary responses to environmental change, and epidemiology of Himalayan mountain climbers.

### PUBLICATIONS (SAMPLE):

Huey, R.B. 1982. Temperature, physiology, and the ecology of reptiles. pp. 25-91, In: C. Gans and F. H. Pough, eds., *Biology of the Reptilia Vol. 12, Physiology (C)*. Academic Press, London.

- Huey, R.B., E. R. Pianka, and T. W. Schoener, eds. 1983. *Lizard Ecology: Studies of a Model Organism*. Harvard University Press, Cambridge.
- Huey, R.B. and A.F. Bennett. 1987. Phylogenetic studies of coadaptation: preferred temperatures versus optimal performance temperatures of lizards. *Evolution*, 41:1098-1115.
- Feder, M.E. A. F. Bennett, W. W. Burggren, and R. B. Huey, eds 1987. *New Directions in Ecological Physiology*. Cambridge University Press.
- Huey, R.B. 1988. *Biology of the Reptilia, Vol. 16. (Ecology B: Defense and Life History)*. C. Gans and R. B. Huey, eds. A. R. Liss.
- Huey, R.B. and J.G. Kingsolver. 1989. Evolution of thermal sensitivity of ectotherms. *TREE* 4:131-135.
- Kareiva, P.M., J.G. Kingsolver, and R.B. Huey, eds. 1993. *Biotic Interactions and Global Change*. Sinauer Associates, Sunderland, MA.
- Huey, R.B., G.W. Gilchrist, M. Carlsen, and L. Serra 2000. Rapid evolution of a latitudinal cline in body size in an introduced fly. *Science* 287(5451):308-9.
- Huey, R.B. and X. Eguskitza. 2000. Supplemental oxygen and death rates on Everest and K2. *Am. Nat.* 284:181.
- Feder, M.E., A.F. Bennett, and R.B. Huey. 2000. Evolutionary physiology. *Annu. Rev. Ecol. Syst.* 31:315-341.
- Huey, R.B. and R. Salisbury. 2003. Success and death on Mount Everest. *American Alpine Journal*
- Huey, R.B. and P.D. Ward. 2005. Hypoxia, global warming, and terrestrial Late Permian extinctions. *Science* 308:398-401.
- Huey, R.B. and P.D. Ward. 2005. Climbing a Triassic Mt. Everest: Into thinner air. *JAMA* 295:1761-1762.
- Balanyá, J., J.M. Oller, R.B. Huey, G.W. Gilchrist, and L. Serra. 2006. Global genetic change tracks global climate warming in *Drosophila subobscura*. *Science* 313:1773-1775
- Frazier, M., R.B. Huey, and D. Berrigan. 2006. Thermodynamics constrains the evolution of insect population growth rates: "warmer is better." *Am. Nat.* 168:512-520.
- Huey, R.B., R. Salisbury, J.-L. Wang, and M. Mao. 2007. Effects of age and gender on success and death of mountaineers on Mount Everest. *Biology Letters* 3:498-500.