

DARREL R. FROST
CURATOR-IN-CHARGE AND PROFESSOR
DEPARTMENT OF HERPETOLOGY
ASSOCIATE DEAN OF SCIENCE FOR COLLECTIONS

HIGHEST DEGREE EARNED

Ph.D.

AREA OF SPECIALIZATION

1. Phylogeny reconstruction, biogeography, and the description of the diversity on which these studies are based, primarily of lissamphibians, squamates, and mammals.
2. Theoretical systematics and biogeography: methods of inferring phylogeny and geographical histories.

EDUCATIONAL EXPERIENCE

Ph.D. in Ecology and Systematics, University of Kansas, honors, Lawrence, KS, 1988

M.S. in Zoology, Louisiana State University, Baton Rouge, LA, 1978

B.S. in Biology, University of Arizona, Tucson, AZ, 1973

PREVIOUS EXPERIENCE IN DOCTORAL EDUCATION

FACULTY APPOINTMENTS

Adjunct Professor, Department of Ecology, Evolution and Environmental Biology,
Columbia University, New York, 2001-present

Adjunct Assistant Professor, City University of New York, 1990-present

Short Course Lecturer (Systematic Biology), University of the Western Cape, Bellville,
South Africa, September 1994

GRADUATE ADVISEES

Andre de Carvalho, Richard Gilder Graduate School

Pedro Peloso, Richard Gilder Graduate School

Ed Stanley, Richard Gilder Graduate School

Taran Grant, Columbia University, 1998-2005

Julian Faivovich, Columbia University, 1999-2005

GRADUATE COMMITTEES

Chaired

Taran Grant, Columbia University, 1998-2005

Julian Faivovich, Columbia University, 1999-2005

Served

Gina C. Gould, Columbia University/American Museum of Natural History, 1991-1996

Monica Toledo-Piza, City College of New York/American Museum of Natural History,
1994-1997

Abebe Getahun, City College of New York/American Museum of Natural History, 1996-
2000

RESEARCH GRANT SUPPORT

- National Aeronautics and Space Administration, New Ways to See, Understand, Teach and Conserve Biological Diversity, \$3,991,200, July 1, 2002-September 30, 2005.
- National Science Foundation, Dissertation Research: The Phylogeny of Poison Dart Frogs (Anura: Dendrobatidae), \$11,548, July 1, 2003-December 31, 2005.
- National Science Foundation, Dissertation Research: The Phylogeny of *Scinax* (Anura; Hylidae): Molecules, Morphology, Biogeography, and the Evolution of a Diverse Treefrog Group, \$11,968, June 1, 2004-May 31, 2006.
- Smithsonian Institution, Integrated Taxonomic Information System listing of Amphibian Species of the World: An Online Reference, \$15,000, September 1, 2004-August 31, 2005.

RECENT ARTICLES IN REFEREED JOURNALS (2006-2011)

- D.R. Frost, R.W. McDiarmid, and J.R. Mendelson, III. 2009. Response to the Point of View by Gregory B. Pauly, David M. Hillis, and David C. Cannatella, by the Anuran Subcommittee of the SSAR/HL/ASIH Scientific and Standard English Names List. *Herpetologica* 65: 136–153 ().
- D. Frost, J.R. Mendelson, III, and J.B. Pramuk. 2009. Further notes on the nomenclature of Middle American roads (Bufonidae). *Copeia* 2009: 418–419.
- A.T. Holycross, T.G. Anton, M.E. Douglas, and D.R. Frost. 2008. The type localities of *Sistrurus catenatus* and *Crotalus viridis* (Serpentes: Viperidae), with the unraveling of a most unfortunate tangle of names. *Copeia*, 2008: 421-424.
- D.R. Frost, T. Grant, J. Faivovich, R.H. Bain, A. Haas, C.F.B. Haddad, R.O. de Sa, A. Channing, M. Wilkinson, S.C. Donnellan, C.J. Raxworthy, J.A. Campbell, B.L. Blotto, P. Moler, R.C. Drewes, R.A. Nussbaum, J.D. Lynch, D.M. Green, and W.C. Wheeler. 2008. Is the Amphibian Tree of Life really flawed? *Cladistics*, 24: 385-395
- J.M. Savage, C.W. Myers, D.R. Frost, and T. Grant. 2007. Case 3345. *Dendrobatidae* Cope, 1865 (1850) (Amphibia, Anura): proposed conservation. *Bulletin of Zoological Nomenclature*, 64: 255-260.
- J. C. Chaparro, J. B. Pramuk, A. G. Gluesenkamp, and D.R. Frost. 2007. Secondary homonymy of *Bufo proboscideus* Spix, 1824, with *Phryniscus proboscideus* Boulenger, 1882. *Copeia*, 2007: 1029.
- Frost, D.R., T. Grant, and J.R. Mendelson, III. 2006. *Ollotis* Cope, 1875, is the oldest name for the genus currently referred to as *Cranopsis* Cope, 1875 (Anura: Hyloides: Bufonidae). *Copeia* 2006(3): 558.
- Grant, T., D.R. Frost, J. Caldwell, R. Gagliardo, C.F.B. Haddad, P. Kok, D.B. Means, B.P. Noonan, W. E. Schargel, and W.C. Wheeler. 2006. Phylogenetic systematics of dart-poison frogs and their relatives (Amphibia: Athesphatanura: Dendrobatidae). *Bulletin of the American Museum of Natural History* 299: 1–268.
- Grant, T., D. R. Frost, R. Ibáñez D., C.W. Myers, and J.M. Savage. 2006. *Hyloxalus panamensis* Dunn, 1933: proposed emendation of spelling from *Hyloxalus panamansis* (currently *Colostethus panamansis*; Amphibia, Anura). *Bulletin of Zoological Nomenclature* 63: 39-41.

- Mendelson, J.R., III, K.R. Lips, R.W. Gagliardo, G.B. Rabb, J. P. Collins, J E.
Diffendorfer, P. Daszak, R. Ibáñez D., K.C. Zippel, D.P. Lawson, K.M. Wright,
S.N. Stuart, C. Gascon, H.R. da Silva, P.A. Burrowes, R.L. Joglar, E. La Marca,
S. Lötters, L.H. du Preez, C. Weldon, A. Hyatt, J. Vicente Rodriguez-Mahecha, S.
Hunt, H. Robertson, B. Lock, C.J. Raxworthy, D.R. Frost, R. C. Lacy, R.A.
Alford, J.A. Campbell, G. Parra-Olea, F. Bolaños, J. Joaquin, C. Domingo, T.
Halliday, J.B. Murphy, M.H. Wake, L.A. Coloma, S.L. Kuzmin, M.S. Price, K.M.
Howell, M. Lau, R. Pethiyagoda, M. Boone, M.J. Lannoo, A.R. Blaustein, A.
Dobson, R.A. Griffiths, M.L. Crump, D. B. Wake, and E.D. Brodie Jr. 2006.
Mitigating Global Amphibian Extinctions: A Call For Fundamental Changes In
Policy And Actions. *Science* 313: 48.
- Frost, D.R., T. Grant, J. Faivovich, R. Bain, A. Haas, C.F.B. Haddad, R.O. de Sá, S.C.
Donnellan, C.J. Raxworthy, M. Wilkinson, A. Channing, J.A. Campbell, B.L.
Blotto, P. Moler, R.C. Drewes, R.A. Nussbaum, J.D. Lynch, D. Green, and W.C.
Wheeler. 2006. The amphibian tree of life. *Bulletin of the American Museum of
Natural History* 297: 1-370.
- D. Frost and M. Lannoo. 2005. Siren "texana". p. 914 In M. Lannoo (ed.), *Amphibian
Declines: The Conservation Status of United States Species*. University of
California Press.

SPECIAL RECOGNITION/AWARDS

- Linnaeus Award for Contributions to Taxonomy. American Society of Ichthyologists and
Herpetologists' meeting, 2007, Saint Louis.
- President, American Society of Ichthyologists and Herpetologists. 2006.
- President Elect, American Society of Ichthyologists and Herpetologists, 2005
- Who's Who in America. 56th, 57th, 58th ed., 2002–present
- Who's Who in the World. 18th ed., 2001
- President, Society for the Study of Amphibians and Reptiles, 1998
- Fellow, Willi Hennig Society, Elected 1991
- Ernst Mayr Award for best student paper, Society of Systematic Zoology meetings, New
Orleans, 1987
- Honors, PhD Dissertation, The University of Kansas, 1988
- Honors, Comprehensive Examination for the Ph.D., The University of Kansas, 1980