

Curriculum Vitae of Jonathan Julio Fong

Contact Information:

Mailing Address: Museum of Vertebrate Zoology
University of California, Berkeley
Berkeley, CA 94720
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Education:

University of California, Berkeley Ph.D. (expected completion 2010)
Major: Integrative Biology; Advisors: Dr. Jeffrey L. Boore & Dr. Jimmy A. McGuire
Loma Linda University M.S. 2006
Major: Biology; Advisors: Dr. L. Lee Grismer & Dr. Ronald L. Carter
University of California, Berkeley B.A. 2000
Major: Integrative Biology; Minor: Education

Publications (Peer Reviewed):

- Xia, Z.-R., H.-X. Gu, P.-P. Li, & **J.J. Fong**. Sex determination technology and pivotal temperature in the Green Sea Turtle (*Chelonia mydas*) in China. *Chelonian Conservation and Biology*. Submitted.
- Wong, R.A., **J.J. Fong**, & T.J. Papenfuss. Phylogeography of the African Helmeted Terrapin, *Pelomedusa subrufa*: Genetic structure, dispersal, and human introduction. *Proceedings of the California Academy of Sciences*. Submitted.
- Lin, R.-C., C. Yeung, **J.J. Fong**, H.Y. Tzeng, & S.-H. Li. The breakdown of one-to-one rule: sympatric fig-pollinating wasps of *Ficus septica* in southern Taiwan and its evolutionary implications. *Biotropica*. Submitted.
- 12) **Fong, J.J.** & T.-H. Chen (2010) DNA evidence for the hybridization of wild turtles in Taiwan: possible genetic pollution from trade animals. *Conservation Genetics*. In Press.
- 11) **Fong, J.J.** & G.-X. Qiao (2010) New localities of endangered Chinese turtles from museum specimens and the practical and ethical challenges using and reporting natural history collection data. *Zootaxa*. 2393: 59-68.
- 10) Liu, Y.-x., J. Wang, H.-t. Shi, R.W. Murphy, M.-l. Hong, B. He, **J.J. Fong**, J.-c. Wang, & L.-r. Fu (2009) Ethogram of *Sacalia quadriocellata* (Reptilia: Testudines: Geoemydidae) in captivity. *Journal of Herpetology*. 43(2): 318-325.
- 9) Gong, S.-P., A.T. Chow, **J.J. Fong**, & H.-T. Shi (2009) The chelonian trade in the largest pet market in China: scale, scope and impact on turtle conservation. *Oryx*. 43(2): 213-216.
- 8) Shi, H., **J.J. Fong**, J.F. Parham, J.-f. Pang, J. Wang, M. Hong, & Y.-p. Zhang (2008). Mitochondrial variation of the “eyed” turtles (*Sacalia*) based on known locality and trade specimens. *Molecular Phylogenetics and Evolution*.
- 7) Hong, M, H. Shi, L. Fu, S. Gong, **J.J. Fong**, & J.F. Parham (2008) Scientific refutation of traditional Chinese medicine claims about turtles. *Applied Herpetology*. 5:173-187.
- 6) Liu, Y.-x., B. He, H.-t. Shi, R.W. Murphy, **J.J. Fong**, J.-c. Wang, L.-r. Fu, & Y.-g. Ma (2008). An analysis of courtship behavior in the four-eyed spotted turtle *Sacalia quadriocellata* (Reptilia: Testudines: Bataguridae). *Amphibia-Reptilia*. 29:185-195.
- 5) Lin, H.-C., S.-H. Li, **J. Fong**, & S.-M. Lin. (2008). Ventral coloration differentiation and mitochondrial sequences of the Chinese Cobra (*Naja atra*) in Taiwan. *Conservation Genetics*. 9:1089-1097.

- 4) **Fong, J.J.**, J.F. Parham, H. Shi, B.L. Stuart, & R.L. Carter. (2007) A genetic survey of heavily exploited, endangered turtles: Caveats on the conservation value of trade animals. *Animal Conservation*. 10: 452-460.
- 3) Macey, J.R., J.A. Schulte III, **J.J. Fong**, I. Das, T.J. Papenfuss, & J.L. Boore (2006) The complete mitochondrial genome of an agamid lizard from the Afro-Asian subfamily Agaminae and the phylogenetic position of *Bufo niceps* and *Xenagama*. *Molecular Phylogenetics and Evolution*. 39: 881-886.
- 2) Macey, J.R., **J.J. Fong**, S. Shafiei, N.B. Ananjeva, T.J. Papenfuss, & J.L. Boore (2005) The complete mitochondrial genome of a gecko and the phylogenetic position of the Middle Eastern *Teratoscincus keyserlingii*. *Molecular Phylogenetics and Evolution*. 36(1): 188-193.
- 1) **Fong, J.J.**, J.F. Parham, & J. Fu (2002) A reassessment of the distribution of *Cuora flavomarginata* Gray 1863 On Mainland China. *Russian Journal of Herpetology*. 9(1): 9-14.

Publications (Non Peer Reviewed)

- 2) Gong, S., H. Shi, **J.J. Fong**, & M. Lau (2009) Recent records of freshwater turtles from Guangdong, China. *Turtle and Tortoise Newsletter*. 13: 24-27.
- 1) **Fong, J.J.** (2008) Linnaeus Fund Research Report: Conservation Genetics of the Yellow Pond Turtle (*Mauremys mutica*) and the Annam Leaf Turtle (*Mauremys annamensis*). *Turtle and Tortoise Newsletter*. 12: 21-23.

Books & Book Chapters

- 1) Shi, H., M. Hou, P. Pritchard, J. Peng, Z. Fan, F. Yin, T. Chen, H. Liu, J. Wang, Y. Liu (Eds.) (2008) Identification Manual for Traded Turtles in China. Contributors: P.P. van Dijk, J.F. Parham, **J. Fong**, B. Horne, H. Zwartpoorte, C. Schaffer, J. Tucker, B. Devaux, A. Cadi, S. Gong, G. Li. Encyclopedia of China Publishing House, Beijing, 166 pp.

Presentations:

- Fong, J.J.** (2009) Turtle conservation in HK and Mainland China. Invited speaker to Hong Kong University.
- Fong, J.J.** (2009) Systematics and conservation of Asian Turtles. Invited speaker to Kasetsart University, Bangkok, Thailand.
- Fong, J.J.** (2008) Using genetics for the study and conservation of Asian turtles. Invited speaker to Chulalongkorn University, Bangkok, Thailand.
- Fong, J.J.** (2008) Conservation Genetics. Part of a Tree of Life workshop organized by Adam Leache and CIPRES.
- Fong, J.J.**, Parham, J.F., Shi, H., Stuart, B.L., Carter, R.L. (2007). Genetic analysis of the endangered Asian Yellow Pond Turtle (*Mauremys mutica*) and the highly endangered Annam Leaf Turtle (*Mauremys annamensis*). Presentation at the Evolution Meeting in Christchurch, New Zealand & Symposium on Conservation of Freshwater Turtles and Tortoises in Atlanta, GA.
- Fong, J. J.** (2007). NSF invited speaker for EAPSI 2007 orientation.
- Fong, J. J.** & Carter, R. L. (2003). Molecular and morphometric analysis of the endangered Yellow Pond Turtle (*Mauremys mutica*). Presentation at the Southern California Academy of Sciences Annual Meeting in Northridge, CA.

Received Grants:

National Science Foundation China	Major International Joint Research (\$117k)	2009
National Science Foundation	DDIG (\$13,576)	2009

University of California, Berkeley	GRAC Fund (\$300)	2008
Museum of Vertebrate Zoology	Carl B. Koford Memorial Fund (\$2000)	2007
University of California, Berkeley	Conference Travel Grant (\$500)	2007
Chelonian Research Foundation	Linnaeus Fund (\$1500)	2007
University of California, Berkeley	IB Summer Research Block Grant (\$1000)	2006
University of California, Berkeley	GRAC Fund (\$300)	2006
University of California, Berkeley	GRAC Fund (\$300)	2005
Museum of Vertebrate Zoology	Carl B. Koford Memorial Fund (\$2000)	2005
Chelonian Research Foundation	Linnaeus Fund (\$1000)	2002

Awards, Fellowships, and Honor Societies

Joseph Mallard Fellowship; Museum of Vertebrate Zoology	2010
Annie M. Alexander Fellowship; Museum of Vertebrate Zoology	2010
Fulbright Institute of International Education Fellowship (China)	2008
GK12 Fellowship; National Science Foundation	2007
Best Student Paper; TSA & TFTSG Annual Meeting	2007
EAPSI Summer Fellowship; National Science Foundation (Taiwan)	2006
Outstanding Graduate Student Instructor; UC Berkeley	2006
EAPSI Summer Fellowship; National Science Foundation (China)	2005
Earl Lathrop Award; Loma Linda University	2003
Jaeger Book Award; Loma Linda University	2002

Professional Experience:

Museum of Vertebrate Zoology	Curatorial Assistant	2006-2007
DOE Joint Genome Institute	Research Assistant	2003-2004
Loma Linda University	Research Assistant	2001-2003
University of California, Berkeley	Research Assistant	1998-2001
Swire Institute of Marine Sciences, Hong Kong	Research Assistant	summer 2000

Teaching Experience:

University of California, Berkeley	Graduate Student Instructor	2010
Piedmont Middle School	Community in the Classroom Volunteer	2009
University of California, Berkeley	Undergraduate Mentor	2006-2008
University of California, Berkeley	Graduate Student Instructor	2004-2006
Longfellow Middle School	Teacher's Assistant	1999-2000
Fred Finch Youth Center	Activities Coordinator	1998-1999
Egbert W. Beach Elementary School	Teacher's Assistant	1997-1998

Journal Reviewer

Asiatic Herpetological Research, Oryx, Tropical Conservation Science, Zoological Studies

Society Affiliations

IUCN/SSC Tortoise and Freshwater Turtle Specialist Group
 Herpetologists' League
 Society for the Study of Amphibians and Reptiles
 American Society of Ichthyologists and Herpetologists
 Societas Europaea Herpetologica
 National Center for Science Education

Society for Systematic Biologists
Society for the Study of Evolution