

# **Curriculum Vitae**

## **William C Parker**

March 31, 2013

### **General Information**

University address: Earth, Ocean & Atmospheric Sci  
College of Arts and Sciences  
Carraway Building 0207  
Florida State University  
Tallahassee, Florida 32306-4100  
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### **Professional Preparation**

- 1983            PhD, University of Chicago, Chicago, IL. Major: Geophysical Sciences.  
Geology. Supervisor: A. Ziegler/J. Sepkoski.
- 1975            Master's Degree, UNIVERSITY OF TENNESSEE, Knoxville, TN. Major:  
Geology. Supervisor: R. McLaughlin.
- 1973            Bachelor's Degree, UNIVERSITY OF TENNESSEE, Knoxville, TN. Major:  
Geology.

### **Professional Experience**

- 1980–present    Associate Professor, Earth, Ocean & Atmospheric Sci, Florida State  
University.
- 2005–2009      Overload Visiting Assoc Prof, Ctr for Acad & Prof Dev, Florida State  
University.

### **Teaching**

#### **Courses Taught**

Dynamic Earth (GLY1000)  
Historical Geology (GLY2100)  
Learning Community Colloquium (HUM1921)  
Advanced Topics in Sedimentation and Stratigraphy (GLY5595)

Historical Geology Laboratory (GLY2100-L)  
Paleontology (GLY3610-C)  
Dinosaurs and Disasters on an Evolving Earth (GLY1102)  
Sedimentary Petrography (GLY3340-C)  
Principles of Stratigraphy (GLY4511)  
Stratigraphy and Sequence Analysis (GLY5516)  
Dynamic Earth Laboratory (GLY1000-L)  
Advanced Topics in Sedimentation and Stratigraphy (GLY5868)

### **Doctoral Committee Cochair**

Du, X., graduate. (2012).

### **Doctoral Committee Member**

Blair, S. A., graduate. (2011).  
Deng, H., graduate. (2009).  
Kulhanek, D. K., graduate. (2009).  
Gaboardi, M. M., graduate. (2009).  
Ciner, B., doctoral candidate.  
Sankar, R. D., doctoral candidate.  
Ullah, F., doctoral candidate.  
Mitchell-Tappin, A. M., doctoral candidate. (2013).  
Bidorn, B., doctoral student.

### **Doctoral Committee University Representative**

Aschliman, N. C., graduate. (2011).  
Wiltshire, J. N., graduate. (2010).  
Gignac, P. M., graduate. (2010).  
Prieto-Marquez, A., graduate. (2008).  
Ferrell, D. L., graduate. (2007).  
Holliday, J. A., graduate. (2007).  
Alhajeri, B., doctoral candidate.  
Biggs, B. C., doctoral candidate.  
Buddenhagen, C. E., doctoral candidate.  
Grinath, J. B., doctoral candidate.  
Wray, K. P., doctoral candidate.

**Master's Committee Chair**

Goddard, J. D., student.  
White, C. L., student.

**Master's Committee Cochair**

Fernandes, R. I., graduate. (2011).

**Master's Committee Member**

Millen, H. T., graduate. (2012).  
Agbali, A., graduate. (2011).  
Garcia, B. J., graduate. (2011).  
Kulakowski, Z. P., graduate. (2010).  
Martin, S. A., graduate. (2010).  
Means, G. H., graduate. (2009).  
Kromhout, E. T., graduate. (2007).  
Bambach, P. W., student.  
Campbell, K. H., student.  
Cates, K. H., student.  
Dyer, S. B., student.  
Hill, E. P., student.  
Hilton, D. C., student.  
Morris, R. E., student.  
Waldron, D. W., student.  
Aljahdali, M., student. (2013).  
Korkmaz, M., student. (2013).  
Myers, N. R., student. (2013).  
Peterson, M. L., student. (2013).

**Research and Original Creative Work**

**Publications**

**Refereed Journal Articles**

Wiltshire, J., & Parker, W. (submitted). A General Class of Test Statistics for Van Valen's Red Queen Hypothesis. *Journal of Applied Statistics*. Manuscript submitted for publication.

Wang, Y., Deng, T., Flynn, L., Wang, X., An, Y., Xu, Y., Parker, W., Lochner, E., Zhang, C., & Biasatti, D. (2012). Late Neogene environmental changes in the central Himalaya related

- to tectonic uplift and orbital forcing. *Journal of Asian Earth Sciences, Special Issue on Asian Climate and Tectonics*, 44, 62-76.
- Joshi, S. H., Prieto-Marquez, A., & Parker, W. C. (2011). Quantifying the biological variation of continuous boundaries. *Biological Journal of the Linnean Society*, 104, 217-233.
- Landing, W. M., Caffrey, J. M., Nolek, S. D., Gosnell, K. J., & Parker, W. C. (2010). Atmospheric wet deposition of mercury and other trace elements in Pensacola, Florida. *Atmos. Chem. Phys*, 10, 4867-4877.
- Wang, Y., Kromhout, E., Zhang, C., Xu, Y., Parker, W. C., Deng, T., & Qiu, Z. (2008). Stable isotopic variations in modern herbivore tooth enamel, plants and water on the Tibetan Plateau: Implications for paleoclimate and paleoelevation reconstructions. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 260, 359-374.
- Doran, N. A., Arnold, A. J., Parker, W. C., & Huffer, F. (2006). Is extinction age dependent? *Palaios*, 21, 557-570.
- Furbish, D. J., & Parker, W. C. (1999). Corks, buoyancy and wave-particle orbits. *Journal of Geoscience Education*, 48, 500-507.
- Kelly, D. C., Arnold, A. J., & Parker, W. C. (1999). The influence of Heterochrony on the stratigraphic occurrence of *Morozovella angulata*. *Journal of Foraminiferal Research*, 29, 58-68.
- Parker, W. C., Feldman, A. H., & Arnold, A. J. (1999). Paleobiogeographic patterns in the morphologic diversification of the Neogene planktonic foraminifera. *Paleobiogeography, Paleoclimatology, Paleoecology*, 152, 1-14.

### **Invited Book Chapters**

- Arnold, A. J., & Parker, W. C. (1999). Biogeography of Planktic Foraminifera. In Sen Gupta, B. (Ed.), *Modern Foraminifera* (pp. 103-122). Kluwer Academic: Boston.
- Parker, W. C., & Arnold, A. J. (1999). Quantitative Methods of Data Analysis in Foraminiferal Ecology. In Sen Gupta, B. (Ed.), *Modern Foraminifera* (pp. 71-92). Kluwer Academic: Boston.
- Yanko, V., Arnold, A. J., & Parker, W. C. (1999). The Effect of Marine Pollution on Benthic Foraminifera. In Sen Gupta, B. (Ed.), *Modern Foraminifera* (pp. 217-238). Kluwer Academic: Boston.

## **Presentations**

### **Invited Papers at Conferences**

Parker, W. C. (presented 2011). *The Plant City, FL 'Sinkhole Storm': Using Current Events to Teach Earth Science*. Paper presented at FCR-STEM Fall Meeting, FCR-STEM. (State)

### **Refereed Papers at Conferences**

Gaboardi, M., Parker, W. C., & Rodriguez, D. (presented 2010). *Short-term data collection projects: A means to increase teacher content knowledge and bring authentic research experiences into the classroom*. Paper presented at AGU Fall Meeting, American Geophysical Union. (National)

Prieto-Marquez, A., Joshi, S., & Parker, W. C. (presented 2006). *Morphometrics of the hadrosaurid pelvic girdle using a new method of shape analysis*. Paper presented at SVP National Meeting, Society of Vertebrate Paleontology Meeting. (International)

## **Service**

### **Florida State University**

#### **FSU University Service**

Faculty Director, Bryan Hall LLC (2011–2013).

#### **FSU Department Service**

Chair, EOAS Computer Committee (2010–2013).

Geology representative, EOAS Undergraduate Curriculum Committee (2010–2013).

Advisor, Undergraduate Geology Degree (2000–2013).

## **The Profession**

### **Editor for Refereed Journals**

Inaugural Co-editor, *International Society of Environmental Micropaleontology, Microbiology, and Meiobenthology* (2001–2005).