

# Leon E. Long

## Personal

## **Education**

B.S., Geology, Wheaton College, IL, 1954  
M.A., Geochemistry, Columbia University, NYC, 1958  
Ph.D., Geochemistry, Columbia University, 1959

## **Professional Experience**

1962 - present: Assistant to Full Professor, University of Texas at Austin  
Currently: Mr./Mrs. Charles E. Yager Professor, Department of Geological Sciences

## **Research Interest**

Application of the Rb-Sr isotopic age method to geochronology, and as a geochemical tracer; igneous petrology

## **Professional Societies**

Geological Society of America  
Geochemical Society

## Selected Honors and Awards

University of Texas Academy of Distinguished Teachers (2000–present)  
Chancellor's Council Outstanding Teaching Award (UT's premier teaching award) (2001)  
Outstanding Teaching in an Introductory Class Award (2003)  
Fellow, Geological Society of America

## Undergraduate Teaching

I have co-taught GEO 303 (Introduction to Geology) since its inception in the late 1960s. In all, I have taught or team-taught introductory geology to more than 31,000 students.

## Other recent teaching

2004 - present: Mathematics, Science, and Engineering Academy (MSEA), a summertime cooperative program to recruit young African-American students into the earth sciences profession

2005: GeoForce Texas, a program to recruit young Hispanic students into the earth sciences profession

## Selected Publications

Long, L. E., 2011, *GEOLOGY*, Pearson Learning Solutions, 600 pages, 15<sup>th</sup> edition: a combined textbook and laboratory manual for GEO 303 students.

Long, L. E., Castellana, C. H., and Sial, A. N., 2005, Age, origin, and cooling history of the Coronel João Sá pluton, Bahia, Brazil, *Journal of Petrology*, vol. 46, p. 255-273.

Long, L. E., 2004, Middle to Late Cambrian nonconformity in the Llano Uplift, *Austin Geological Society Field Trip Guidebook 24*, p. 59-61.

Henderson, D. R., Long, L. E., and Barton, J. J., Jr., 2000, Isotopic ages and chemical composition of the Archaean Turfloop Batholith, Pietersburg granite-greenstone terrane, Kaapvaal craton, South Africa, *South African Journal of Geology*, vol. 103, p. 38-46.

**Compact disk**

*Geologic Wonders of Central Texas*, 2002. Outreach Lecture Series, UT Environmental Science Institute, No. 17. Text and 74 images; 134.2 megabytes.

**Invited lectures, symposium participation, leader of geology field trips, etc.** (exclusively geologic education): typically 6 or 7 per year