



February 25, 2021

Representing Chaffey College Faculty in All Academic and Professional Matters

INDIVIDUAL CREATIVE WORKS AND PROFESSIONAL ACCOMPLISHMENTS

MARC MEYER

Full Time Faculty,
Anthropology, SBS



Along with former Chaffey student Isabella Araiza, Professor Meyer published a research paper in the *Journal of Human Evolution* examining forearm curvature in the 3.67-million-year-old "Little Foot" *Australopithecus* from Sterkfontein, South Africa. Initially, researchers argued this individual suffered acute plastic bowing of the forearm—a deformity common in young children after suffering a traumatic fall onto an outstretched hand, as juvenile bones are more elastic than those of adults. This research project tested this hypothesis using elliptical Fourier shape analysis in a broad sample of apes, hominins, and humans, including clinical cases of humans exhibiting this pathology. The new research shows that the extreme curvature of the Little Foot forearm is most like orangutans, and reflects a natural degree of curvature observed in other apes and several other early hominins. Such curvature is a normal anatomic feature thought to be a reaction to behaviors where the forelimb is habitually used in locomotion. Similar results were found in other early fossils, including in the oldest hominin, *Sahelanthropus tchadensis* (dated in excess of six-million-years), whose forearm curvature was most similar to gorillas. Thus, it appears that the forelimb of both early hominins had not been fully emancipated from a role in locomotion. The article may be accessed here:

<https://www.sciencedirect.com/science/article/pii/S0047248420301883?via%3Dihub>

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Individual Creative Works/Professional Accomplishments Continued

MARY BEIERLE

Part Time Faculty, Art, VPA

Through April, Mary is participating in the group exhibition, "Clayfornia" at the California Botanic Garden in conjunction with the American Museum of Art.



KEN KOENIGSHOFER

Part-time, Psychology, SBS



Ken Koenigshofer, retired Psychology professor, and current Chaffey online adjunct, was recently selected by the Academic Senate for California Community Colleges as one of several content experts for the development of an Open Educational Resources (OER) textbook for Biological Psychology to be used by community college students across California.

Continuing Education Efforts

The following faculty shared that they are pursuing a degree or taking courses that will enhance their professional service and growth as educators.

CARLY GOMEZ

Part Time Faculty, English,
Language Arts

Carly is pursuing a Master of Science in Instructional Design and Technology from California State University Fullerton. She wants to improve students' experience of e-learning and online/remote instruction through the knowledge, practice, and information she will gain from a degree in Instructional Design and Technology.



KENDY MENDEZ-FLORES

Part Time Faculty, Career
Center, Counseling

Kendy is attending the University of Southern California to earn a Doctor of Social Work. Kendy decided to pursue a doctorate degree because she is passionate about achieving equal opportunity and justice through racial and ethnic equity-grounded practices in higher education and public health. Her research focuses on racial and ethnic equity, higher education equity, and health equity.

