

Deming Yang

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EDUCATION:

PH.D Student

-Interdepartmental Doctoral Program in Anthropological Sciences, Stony Brook University, Stony Brook, 2013 – Present

Major Coursework Included: Human Evolution, Evolutionary Anatomy, Primate Evolution, Biometry, Principles of Evolution, Primate Behavior and Ecology, Vertebrate Evolution, Advanced Biostatistics and Phylogenetic Comparative Methods, Professional Skills in Anthropological Sciences.

BACHELOR of SCIENCE in LIFE SCIENCES

- Peking University, Beijing, 2010

Major Coursework Included: Animal Biology, Plant Biology, Biostatistics, Field Observation in Biology, General Ecology, Molecular Biology, Genetics, Developmental Biology, Microbiology, Biochemistry and Advanced Life Sciences Laboratory.

EXPERIENCE:

TEACHING ASSISTANT

- Department of Anthropology, Stony Brook University, Stony Brook, 2013 – Present
Lecture as a Lab instructor for ANP 300 Human Anatomy course. Served as a lecture TA for ANT 260 “How we eat”.

-Turkana Basin Institute Origins Field School, Ileret and Turkwel, Kenya, 2015
Served as lecture, lab and field assistant for GEO 303 Geology, ANP 304 Human Ecology, ANP 305 Vertebrate Paleontology, ANP 306 Human Evolution and ANT 307 Archaeology.
Delivered a guest lecture entitled “Stable Isotopes, what they are and what we can learn from them”.

FIELD ASSISTANT

- Koobi Fora Research Project, Turkana Basin Institute, Ileret, Kenya, 2012 – Present
Participate full-time field projects under the direction of the project leaders. Responsibilities included extensive field survey, identifying fossil specimens in the field, recording field data, aerial photography using kites, collecting, cleaning and managing fossils.

PARTICIPANT

- Stable Isotope Ecology and Biogeochemistry, University of Utah, Salt Lake City, 2015
The short course comprised both lecture and lab components. The lecture component summarized a variety of research fields where stable isotopes have been used as tracers for both physical and biogeochemical processes in the ecosystem. The laboratory component included experience with sample preparation and full access of ThermoElectron isotope ratio mass spectrometers and Picarro cavityring down spectrometers.

- Human Evolution Workshop XII, Turkana Basin Institute, Turkwel, Kenya, 2014
<http://www.turkanabasin.org/humanevolution/hew-12/>

LABORATORY ASSISTANT

- Turkana Basin Institute, Nairobi, 2012 – 2013
Provided technical support in the development of a 3D virtual museum, utilizing state-of-the-art technology to digitize fossil specimens and artifacts in forms of 3D models.
3D Virtual Museum Project website: <http://www.africanfossils.org/>

RESEARCH / LABORATORY ASSISTANT

- Paleoanthropology Section and Paleontology Section, Earth Sciences Department, National Museums of Kenya, Nairobi, 2010 –2013
Paleoanthropological research under the direction of the Department Head, including acquisition of osteological data, data analysis utilizing different software programs, close cooperation with colleagues from affiliated institutes. Provided technical support for fossil specimens as well as casts, including 3D laser scanning, studio and field photography, maintenance of microscopes and database management. Offered trainings to staff members for the use of various equipment and software.

LECTURER

- Earth Sciences Department, National Museums of Kenya, Nairobi, 2011 – 2012
Coordinated and delivered a series of lectures entitled “Human Evolution and Adaptations” to the University of Nairobi medical school students. Organized and delivered a series of technical lectures about fundamental scientific photography to Earth Sciences staff, comprising quantitative aspects of professional photography, macro imaging of museum specimens and image post-processing.

STUDENT, VOLUNTEER

- Koobi Fora Field School, Rutgers University/National Museums of Kenya, Koobi Fora, 2011
Attended a wide range of courses regarding key research topics and field skills of general Earth Sciences, including Paleontology, Paleoanthropology, Archaeology, Geology, Taphonomy and Animal Behaviors. Participated in a variety of field surveys and excavations.

PUBLICITY DESIGNER

- Paleontology Section, Earth Sciences Department, 3rd and 4th NMK Scientific Expo, National Museums of Kenya, Nairobi, 2010, 2012

Designed and presented a number of posters for the Earth Sciences Department in the Expos. Formulated interactive activities to raise public awareness.

RESEARCH ASSISTANT

- Key Laboratory of Cell Proliferation and Differentiation, Ministry of Education and the State Key Laboratory of Bio-membrane and Membrane Bio-engineering, School of Life Sciences, Peking University, Beijing, 2009 – 2010

Investigated the functions of miRNA-35 in regulating developmental processes in *Caenorhabditis elegans*. Obtained systematic training in advanced laboratory skills in Molecular Biology and Biochemistry.

LABORATORY ASSISTANT

- Archaeometry Laboratory, School of Archaeology and Museology, Peking University, Beijing, 2009-2010

Made image records of samples for experiments. Pre-processed organic samples for Carbon-14 Chronology.

RESEARCH AWARDS / FELLOWSHIP

- Turkana Basin Institute Graduate Fellowship, 2013 – 2018
- Stable Isotope Ecology and Biogeochemistry NSF participant award: \$3,100, 2015
- GSEU Professional Development Award: \$590, 2015

PUBLICATION:

- Published Abstracts:

Yang, D., Grine, F.E. Variation of Enamel Decussation in the Permanent Molars of *Papio ursinus*, The 84th Annual Meeting of the American Association of Physical Anthropologist, Poster session 11: 19 (2015).

Jungers, W.L., Grine, F.E., Leakey, M.G., Leakey, L.N., Bronw, F., **Yang, D.**, Tocheri, M.W. New hominin fossils from Ileret (Kolom Odiet), Kenya. The 84th Annual Meeting of the American Association of Physical Anthropologist, Podium session 39: 6 (2015).

- News and Review:

Yang, D., Wallace, I., and de Vries, D. Peking Man: New Research, *Evolutionary Anthropology*, 23:162–163 (2014).

PERSONAL:

- Fluent in Mandarin Chinese and English, Proficient in Cantonese, Preliminary in Swahili.
- Enthusiastic Photographer
- Winner of the Culture Captured Photo Contest, Stony Brook University (2014).
- Interests include: Photography, Reading, Hiking, Cycling, Baseball
- Website: <http://yangdeming.zenfolio.com/>