

Peishu Li

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EDUCATION

2019 - present

The University of Chicago

- Ph.D. in the Department of Organismal Biology and Anatomy
- Expected graduation date: May 2024

2015 - 2019

Duke University

- *Summa Cum Laude*
- B.S. with high distinction in Biology and distinction in Earth and Ocean Sciences
- Cumulative GPA: 3.981

PUBLICATIONS

2021

Li P., Ross C. F., Luo Z-X., *Morphological disparity and evolutionary transformations in the primate hyoid apparatus*. *Journal of Human Evolution*, in press.

Luo Z-X., Meng Q-J., **Li P.**, Zhou C-F., Liu D., Zhang Y-G., *Middle Ear and Hyoid Structure of Multituberculates Rugosodon and Sinobaatar and Their Comparative Morphology with Mammaliaforms*. *Journal of Mammalian Evolution*, in revision.

2020

Li P., Digest: *Microhabitat use and developmental timing shape anuran limb evolution*. *Evolution* 74 (9), 2172-2173

Li P., Morse P. E., Kay R. F., *Dental topographic change with macrowear and dietary inference in Homunculus patagonicus*. *Journal of Human Evolution* 144, 102786

Wernette B., **Li P.**, Boudreau A., *Sulfides, Native Silver, and associated trace minerals of the Skaergaard Intrusion, Greenland: Evidence of late hydrothermal fluids*. *Mineralium Deposita* 55 (6), 1197-1214

2019

Li P., Smith K. K., *Comparative skeletal anatomy of neonatal ursids and the extreme altriciality of the giant panda*. *Journal of Anatomy* 236 (4), 724-736

Li P., Boudreau A., *Vapor transport of silver and gold in basaltic lava flows*. *Geology* 47 (9), 877-880

Manuscript in prep

Otoo B. K.*, **Li P.***, Venkataraman V., Fulgenzi R., Wu K., Slater G., Coates M. I., *Early tetrapods: testing the boundaries*. Target journal: Science Advances

Stilson, K. T., **Li P.**, Laurence-Chasen, J. D., Luo, Z-X., Ross, C. F., *The kinematics of mastication in Didelphis virginiana: Uniting roll and yaw with helical axis analysis*

Stilson, K. T., **Li P.**, Laurence-Chasen, J. D., Luo, Z-X., Ross, C. F., *Mastication in Didelphis virginiana before and after inferior alveolar nerve transection: Implications for the evolution and function of the mammal dentoalveolar neurofeedback system*.

*: these authors contributed equally

CONFERENCE ABSTRACTS

- 2022** **Li P.**, Ross C. F., Gidmark, N., *Sensitivity of hyoid posture to head-neck angle in the Virginia opossum (Didelphis virginiana)* Integrative and Comparative Biology, 82-8
- 2021** **Li P.**, Ross C. F., Luo Z-X., *Morphological evolution of the primate hyoid apparatus*. Integrative and Comparative Biology 61, E525-E526
Stilson K. T., **Li P.**, Laurence-Chasen J. D., Olson S., Luo Z-X., Ross C. F., *The role of inferior alveolar nerve afferents in control of jaw kinematics in Didelphis virginiana*. Integrative and Comparative Biology 104-7
- 2019** Li P., Smith K. K., *Comparative skeletal anatomy of neonatal ursids and the altricial-precocial spectrum of therian mammals*. 12th International Congress of Vertebrate Morphology. Journal of Morphology 280 (S1). p s165.
Li P., Morse P. E., Kay R. F., *Dental topographic change and dietary inference in Homunculus patagonicus (Mammalia: Primates)*. The 79th Annual Meeting of Society of Vertebrate Paleontology Program and Abstracts.
- 2017** Li P., Boudreau A. (2017), *Occurrence of native copper, silver and gold in basaltic lava flows*. GSA Fall Meeting, 22-25 October 2017, Session No. 392

TEACHING EXPERIENCE

- 2021** **Teaching assistant, The University of Chicago**
- BIO23262: Mammalian Evolutionary Biology

2018 - 2019

Teaching assistant, Duke University

- EOS 204: Evolution of Life and Earth
- EOS 201: Earth Materials

RESEARCH GRANTS

2021

Graduate Council Research & Personal Development Fund (\$600)

2019

Hinds fund, Te University of Chicago (\$1,500)

2018

SMIF Undergraduate User Program, Shared Materials Instrumentation Facility (\$4,500)

Undergraduate Research Support Travel Grant, Duke University (\$350)

2017

Undergraduate Research Support Independent Study Grant, Duke University (\$400)

Undergraduate Research Support Travel Grant, Duke University (\$400)

FELLOWSHIPS AND AWARDS

2019

James B. Rast Award for Comparative Organismal Biology, Department of Biology, Duke University

Thomas V. Laska Memorial Award, Division of Earth and Ocean Sciences, Nicholas School of the Environment, Duke University

PROFESSIONAL & HONORARY MEMBERSHIPS

2016 - present

Society of Vertebrate Paleontology

2017 - present

Geological Society of America

2018 - present

Society of Integrative and Comparative Biology

2018 - present

Society for the Study of Evolution

2018 - present

Phi Beta Kappa Society