

SEMINAR SERIES

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MORPHOLOGICAL DIVERSITY AND THE BIOMECHANICS OF THE PRIMATE FEEDING SYSTEM

Featuring Dr. Jose Iriarte-Diaz

University of Illinois at Chicago

April 5, 2019 | 12:00 - 1:15 pm | H&K112

Parking Available in Lot T

ABOUT DR. IRIARTE-DIAZ

Dr. Jose Iriarte-Diaz is an Assistant Professor in the Department of Oral Biology, and an affiliated faculty in the Department of Bioengineering, at the University of Illinois at Chicago. He holds a B.S. and a M.S. from the Universidad de Chile, and a Ph.D. in Evolutionary Biology from Brown University. Before joining the University of Illinois at Chicago, Dr. Iriarte-Diaz was a postdoctoral scholar at the University of Chicago where he studied the biomechanics of primate mastication. Currently, his research focuses on the effect of morphological variation on the mechanical performance of complex biological systems.

LEARNING OBJECTIVES

- * Describe the biomechanics of mastication in primates
- * Explore the relationship between musculoskeletal morphological variation and biomechanical performance
- * Discuss the effect of internal muscle architecture on bite performance within an evolutionary framework

The presenter **Jose Iriarte-Diaz** has no financial interest to disclose. Members of the planning committee, Nick Stergiou, Ph.D., Jeffrey Kaipust, M.S., Angela Collins, M.A., Laura Campbell, B.S., and Jackie Farley, CPP have no financial conflict of interest to disclose.

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