

DEVELOPMENTAL APPROACHES TO HUMAN EVOLUTION

Edited by

Julia C. Boughner and Campbell Rolian

Developmental Approaches to Human Evolution encapsulates the current state of evolutionary developmental anthropology. This emerging scientific field applies tools and approaches from modern developmental biology to understand the role of genetic and developmental processes in driving morphological and cognitive evolution in humans, non-human primates, and in the laboratory organisms used to model these changes.

Featuring contributions from well-established pioneers and emerging leaders, this volume is designed to build research momentum and catalyze future innovation in this burgeoning field. The book's broad research scope encompasses soft and hard tissues of the head and body, including the skeleton, special senses, and the brain.

Developmental Approaches to Human Evolution is an invaluable resource on the mechanisms of primate and vertebrate evolution for scholars across a wide array of intersecting disciplines, including primatology, paleoanthropology, vertebrate morphology, evolutionary developmental biology, and health sciences.

- *A comprehensive treatment of the evolutionary developmental anthropology field, including cranial, postcranial, non-skeletal, and neurobiology topics*
- *Offers a synthesis of current research in a rapidly expanding field*
- *Explores the role of genes and development driving evolution of morphology and behavior in humans, non-human primates, and model organisms*
- *Integrates evo-devo theory and methods in approaching anthropological questions*

Julia C. Boughner is Assistant Professor in the Department of Anatomy and Cell Biology in the College of Medicine at the University of Saskatchewan in Saskatoon, SK, Canada.

Campbell Rolian is Assistant Professor of Anatomy in the Department of Comparative Biology and Experimental Medicine in the Faculty of Veterinary Medicine at the University of Calgary in Calgary, AB, Canada.

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