

## JONATHAN A. PHILLIPS, PH.D.



Jonathan Phillips received his B.S. (1996) in Molecular Biology from [Florida Tech](#) and his Ph.D. (2004) in Cell Biology from the [University of Massachusetts-Worcester](#). Jonathan's graduate work involved studying the physical and biochemical influences of integrins and matrix metalloproteinases on cellular tissue remodeling in three-dimensional culture.

Jonathan joined USRA's Division of Space Life Sciences in 2004 as a BFSB Postdoctoral Fellow working with Drs. Eduardo Almeida and Ruth Globus of NASA's Mechanobiology Research group at NASA's [Ames Research Center](#) (ARC) in Moffett Field, California.

His research focused on the influence of the  $\beta 1$  integrin and its related signaling pathways on bone tissue remodeling.

Dr. Phillips was awarded a one-year Postdoctoral Fellowship in the [NASA Postdoctoral Program](#) and will continue his research in the Mechanobiology Research Group at ARC following his NASA / USRA appointment.