

2001 AAOF Award Final Report

PI: Joseph Kunnel DDS MS MS PhD

Co-Investigators: Carla Evans DDS DMSc, Anne George PhD, and Guigen Zhang PhD.

Title of Project: Micromechanical Testing of Viable Bone

Institution: Department of Orthodontics, University of Illinois and Northwestern University

Brief Summary:

Developed a micromechanical-testing device incorporating a servo feedback loop for precise control of peak loads to study the biologic mechanisms involved in mechanotransduction in bone.