

**2. BRIEF DESCRIPTION OF JOB DUTIES** and **13. CONTRIBUTION TO DISCIPLINE / RESEARCH NARRATIVE** should be internally consistent, and should be supported by the publications section.

#### **Example #1 (60R 40E)**

**2. Brief Description of Job Duties (research portion):** “I have 60% research and 40% extension duties. The main goal of my research program is to understand, characterize and communicate the interactions between wood borers, fungi, microbes, the host trees and human stakeholders, with a special focus on emerging pests and invasive species. My interdisciplinary research addresses thousands of species around the world, and ranges from fundamental insect evolution, ecology and symbioses, to applied research on pest management and invasive species policy.”

**13. Research Narrative (lead paragraph):** “My forest entomology research focuses both on expanding fundamental knowledge of forest insects, as well as delivering solutions to stakeholders, landowners and agencies. Forest insects, particularly exotic invasive pests, are becoming one of the biggest challenges for tree production and ecosystems worldwide. Exotic wood borers alone cause over \$2.5 billion in damage annually across the US, and in some cases, they eliminate entire tree species from the landscape. In Florida, forestry generates over \$20 billion annually, yet my research program is the only one specialized on forest entomology in the State.”

**13. Research Narrative (journal quality):** “I have published in some of the top-ranking journals in biology (i.e. *Nature*, *Proceedings of the Royal Academy of Sciences*, *Annual Reviews*, *Evolution*, *PLoS*) and many journals leading individual disciplines (*Systematic Entomology*, *Microbial Ecology*, *Journal of Chemical Ecology*).”

#### **Example #2 (70R 30T)**

**2. Brief Description of Job Duties (research portion):** “Primarily focused on research (70%R, 30%T), this position is responsible for conducting scientific investigation of issues important to the horse industry. Goals of my research program include 1) mapping of genetic traits impacting the health and well-being of the horse, 2) exploration of genome variation and structure in the horse and other related species and 3) application of genomic and transcriptomic techniques to the study of equine disease.”

**13. Research Narrative (lead paragraph):** “Having catalyzed the rise and fall of civilizations for thousands of years, our equine partners are now in a process of transition. Post-industrial revolution, the role of the horse in our global culture has transformed to one of icon and companion. This unique history led to selection by man for an unusual and varied set of physical traits in the modern horse. Our research focuses on the use of genomics tools to study traits of health, conformation and performance in horses. This work spans not only the mapping and identification of mutations causing traits of interest, but also the use of a variety of nucleic acid based techniques to better understand the structure and function of the equine genome.”

**13. Research Narrative (journal quality):** “Our work has appeared in both highly ranked genomics journals (JIF ~8) and traditional publications from the Equine and Animal Sciences. Notably, each of my two recently graduated UF masters students have authored two papers, one of which is accepted and three are still in review (section 33).”