Ex. Research Assistant

10. Position Description. Describe the essential and marginal functions and duties of the position.
    Conduct a research program focused on the development and application of methods for the analysis of isoflavone and other value-added natural products in soybean. Research will primarily involve laboratory work with assistance in field and greenhouse projects to evaluate soybean germplasm for value-added traits, most notably isoflavone content. Genetic and phenotypic traits relating to soy natural product content will be investigated in both independent and collaborative research projects. The position will be supported by extramural funding.

11. Qualifications (education, experience, licensure, etc.) for this position. Indicate required and preferred qualifications.
    MS in Crop Science, Organic Chemistry, or analytical Chemistry. Experience in sample preparation and chromatographic methods development for the analysis of natural products in crop plants. The applicant must have the ability to conduct a productive research program and prepare written reports and manuscripts based on research activities. The individual will be part of a research team and expected to interact with the Crop Science Department’s plant breeders, value-added products researchers, and natural products chemists.

12. Attach an organizational chart indicating the placement and reporting lines of the requested position. X