



Research Plant Pathologist (Post-Doctoral). The U.S. Department of Agriculture, Agricultural Research Service, Southeastern Fruit and Tree Nut Research Laboratory, Byron, GA seeks a Research Plant Pathologist (Post-Doctoral, GS-11, salary commensurate with experience) with expertise in molecular biology, genomics and bioinformatics. The incumbent's primary responsibility is to conduct research on the genetic control of pathogenicity of the pecan scab fungus, (*Venturia effusa*), and secondarily to determine the genetic basis for associations of pecan with other microbes. The work will involve specimen collection, isolation, experiment and analysis using molecular, genomic and bioinformatic tools according to established principles and procedures. The work will specifically include (but is not limited to) identification of genomic elements associated with avirulence in the pecan scab pathogen and characterization of the genetic variability of the pecan scab pathogen. The incumbent will plan and design appropriate experiments, perform them and analyze the results of the investigations. The incumbent will be responsible for searching scientific literature for principles, methods, and procedures and selects the most appropriate approach selected for the research goals determined by the lead pathologist in the unit. A record of work will be maintained in official laboratory and field notebooks and with the incumbent participating in the preparation of data for scientific and technical reports and manuscripts. Occasional travel - Local and domestic travel will be required for fieldwork and to attend training and scientific meetings and conferences. The incumbent will be prepared to perform other duties as assigned by the unit leader. The position is projected to begin on October 1, 2021 (with limited flexibility). Applications will be reviewed as they arrive until July 31, 2021. USDA-ARS is an Equal Opportunity Provider and Employer.

All applicants must provide 1. a resume/CV, 2. Ph.D. transcripts, 3. 1-page dissertation, and 4. a list of publications.

Email your application to clive.bock@usda.gov

Contact:

Clive H. Bock, PhD
Research Plant Pathologist
USDA ARS SEFTNRL
21 Dunbar Rd.
Byron, GA 31008, USA
Tel: 478-956-6409
Fax: 478-956-6459
Email: clive.bock@usda.gov