

The Department of Food Science and the Whistler Center for Carbohydrate Research has a post-doctoral researcher position available, starting in early spring semester of 2026. The post-doctoral researcher will support a three-year, USDA-funded project focused on developing new therapeutics for avian influenza. The role requires expertise in chemistry, chemical engineering, materials science, or pharmaceutical sciences. Responsibilities include designing and executing experiments, characterizing drug formulations, analyzing data, and contributing to manuscripts, documentation, and proposals. The researcher should be comfortable collaborating with poultry farmers, pathologists, animal drug manufacturers, regulatory agencies, and entrepreneurs. The researcher will also mentor graduate and undergraduate students and help coordinate activities across academic and industry partners. Please contact Dr. Yuan Yao (yao1@purdue.edu) if you are interested in knowing more information.