

SUMMER INTERNSHIP OPPORTUNITIES

PLASMA-BASED RESPIRATORY PROTECTION

TAZA AYA INC.

Summary: [Taza Aya Inc.](#), an Ann Arbor, Michigan based startup company, is seeking summer intern(s) to contribute to the successful execution of a new \$1M award from the U.S. Dept. of Agriculture. The project will develop a version of Taza Aya's plasma-enabled, mask-less respiratory protection technology for preventing the spread of airborne infectious diseases, adapted for use by workers in meat and poultry processing facilities. The concept was [first funded by an award from BARDA and JLABs](#), the innovation arm of Johnson & Johnson.

Requirements:

1. Graduate or upper-level undergraduate standing in aerospace, mechanical, chemical, or electrical engineering, or nuclear engineering and radiological sciences.
2. Completed coursework in any or all of the following subjects: thermodynamics, fluid mechanics or aerodynamics, multiphase flow phenomena, phase change phenomena, heat and mass transfer phenomena, high voltage power, computer-aided design, additive manufacturing, or design for manufacturing.

In addition, applicants are strongly preferred who have additional experience or coursework in microbiology or FLUENT or COMSOL Multiphysics platforms, as well as those who are self-motivated and able to work both collaboratively and independently as needed.

To apply: Applications should include a cover letter stating the motivations for applying, a resume or CV including list of completed coursework or courses in progress, list of research presentations and/or publications, and contact information for three references. Applications should be submitted as a single pdf through the [Taza Aya website portal](#). Applications will be accepted until the position is filled.