STAFF SCIENTIST/STAFF ENGINEER POSITION ANNOUNCEMENT

Summary: Taza Aya LLC, an Ann Arbor, Michigan based startup company, is seeking candidates who can immediately fill a staff engineer/staff scientist position to support further development of the company’s plasma-based air sterilization technology, specifically focusing on miniaturized plasma devices for use as wearable respiratory protection against airborne pathogens such as influenza and SARS-CoV-2.

Responsibilities: Candidates are sought who have experience in the areas of experimental atmospheric pressure non-thermal plasma research with particular interest in plasma reactor design and construction. Taza Aya LLC, with funding from JLabs and the Biomedical Advanced Research and Development Agency (BARDA), will design, develop, and parametrically characterize the performance of a miniaturized non-thermal plasma module for air sterilization. The finished module will then serve as a testbed for establishing a performance map of, e.g., power consumption, residual production, and airborne virus inactivation efficiency. The significant scientific expertise and resources found within the University of Michigan (which owns the enabling IP) will be available during the development and testing.

Qualifications: A graduate degree in electrical/electronics engineering, chemical engineering, mechanical engineering, or related fields is required. Highly encouraged to apply are candidates having: principal experience in plasma science and engineering; additional experience in plasma reactor design, miniaturized plasma arrays, compact power supplies, or aerosol/bioaerosol science; and comfort and confidence in working independently.

To apply: Applications should include a cover letter, a resume or CV including list of publications, and contact information for three references. Applications should be submitted as a single pdf via email to herek@taza-aya.com. Applications will be accepted until the position is filled.

For more information:
- JLabs QuickFire Invisible Shield Challenge award announcement, video
- UM College of Engineering News Service article
- Clack Lab, UM Dept. of Civil & Environmental Engineering