

October 10, 2020

Re: Job Opportunity for Full-Time Mechanical Engineer

[Transport Phenomena Technologies, LLC](#) (TPT) was spun out of the Department of Mechanical Engineering at Tufts University (Medford, MA) in the Fall of 2017 by its co-founders, Dr. Georgios Karamanis and Professor Marc Hodes. We are located at [Greentown Labs](#) (Somerville, MA), the largest climatetech incubator in North America. Our primary focus is the development of products for the [enhanced thermal management of electronics](#), specifically a heat sink optimization platform (HSOP) and compliant vapor chambers (CVCs). Additionally, we provide consulting services to industrial clients on fluid mechanics and heat/mass transfer problems, and, more broadly, problems related to Mechanical & Electrical Engineering in general. Finally, we provide expert advice to law firms specializing in intellectual property. Our work is funded by industrial clients and various [Small Business Innovation Research \(SBIR\)](#) grants at the federal level, and the [Massachusetts Clean Energy Center](#).

We have an *immediate* opening for a full-time engineer. Candidates with the following qualifications are encouraged to apply to work at TPT:

- Minimum degree of MS in Mechanical Engineering or related field; PhD degree and/or industrial experience and/or a business degree/background are helpful, but not essential.
- Familiarity with fundamental aspects of fluid mechanics and heat transfer.
- Ability to rigorously perform laboratory experiments and numerical simulations with a significant degree of independence.
- Willingness to take on diverse and evolving roles required at a start-up company, e.g., assist customer discovery commercialization activities, proposal preparation, technical writing, etc.

Interested candidates should apply by sending a cover letter, *cv* and two professional references to Dr. Georgios Karamanis at [georgios.karamanis@tptechcorp.com](mailto:georgios.karamanis@tptechcorp.com).