



July 8, 2011

The Microscale Physicochemical Hydrodynamics Laboratory ( $\mu$ PHYL) at Duke University has an immediate postdoctoral opening. The  $\mu$ PHYL lab applies fundamental physicochemical hydrodynamics to practical micro/nanosystems. Ongoing projects include “Electrohydrodynamic Coulter Counting” with Taylor cone-jets (NSF) and “Planar Thermal Diode” using superhydrophobic jumping drops (DARPA).

The postdoctoral candidate should have PhD training in Mechanical Engineering, Chemical Engineering, Material Science, Applied Physics or a closely related field. The ideal candidate should have research experience in at least one of the following areas: microfabrication, optical imaging, bioanalytical microfluidics, phase-change heat transfer, and interfacial flow modeling.

Interested candidates should contact Professor Chuan-Hua Chen with a cover letter, a curriculum vitae, and a list of at least three references with contact information including emails and phone numbers. Screening of the candidates will begin immediately until the position is filled.

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