

# Center for Scientific Computation And Mathematical Modeling

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## Kinetic Description of Multiscale Phenomena: Modeling, Theory, and Computation

an NSF Focus Research Group  
University of Maryland, College Park



$$\frac{\partial f}{\partial t} + v \frac{\partial f}{\partial x} + \frac{F \partial f}{m \partial v}$$

## A POST DOCTORAL RESEARCH ASSOCIATE POSITION

The Center for Scientific Computation And Mathematical Modeling (CSCAMM) at the University of Maryland invites applications for a post-doctoral Research Associate position in the NSF Focus Research Group (FRG) on "**Kinetic Description of Multiscale Phenomena: Modeling, Theory and Computation**". This collaborative FRG involves researchers from the universities of Maryland, Brown, Iowa State, Wisconsin-Madison, Arizona State, Texas-Austin and Toulouse, France.

Successful applicants are expected to have a strong component of their research devoted to development of novel analytical and numerical methods based on kinetic descriptions of complex phenomena. More information is available at [www.cscamm.umd.edu/frg/](http://www.cscamm.umd.edu/frg/).

The Appointment is for two years starting in Fall 2009. The incumbent will be encouraged to collaborate with scholars participating in this FRG, and is expected to be actively involved with the educational and research activities at CSCAMM with a possible reduced teaching load. The nine-month salary is \$48,000 with an additional \$2,000/yr for support of the incumbent's research.

Qualified applicants must file their application at [www.cscamm.umd.edu/frg/postdoc2009/](http://www.cscamm.umd.edu/frg/postdoc2009/) including their curriculum vitae, research statement and names of three possible references.

**Full consideration will be given to applications received before January 30, 2009**

For more information please access our website [www.cscamm.umd.edu](http://www.cscamm.umd.edu)

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University of Maryland  
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CSCAMM is part of the College of Computer, Mathematical and Physical Sciences



*The University of Maryland is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. Applications will be accepted until the position is filled.*