

The Institute for Complex Adaptive Matter

Announces the 2012 Call for

*Postdoctoral and Senior Faculty Fellowship
Applications*

For Academic Year 2012-2013

The Institute for Complex Adaptive Matter (ICAM) invites applications for postdoctoral and senior faculty fellow appointments tenable at ICAM branch member institutions for the academic year 2012-2013. These awards are intended to catalyze research and research collaborations on complex adaptive matter, by supplementing existing postdoctoral appointments or sabbatical leave support. Successful applicants are expected to carry out a research program at ICAM institutions and to participate actively in educational outreach. As many as 4-5 postdoctoral fellows and 1 senior faculty fellow will be awarded in the fields of quantum matter, biological matter, soft matter (including chemical and biochemical matter), or emergent materials for renewable energy sources.

*Application deadline is
December 9, 2011*

Application deadline is December 9, 2011. Only applications that are complete by the deadline will receive full consideration. Applications must be submitted online at <http://www.i2cam.org/>

ICAM welcomes applications from women and underrepresented groups.

	<i>Postdoctoral Fellow Applicant Driven (Track I)</i>	<i>Postdoctoral Fellow Mentor Driven (Track II)</i>	<i>Senior Faculty Fellow</i>
Application Deadline:	December 9, 2011		
Eligibility:	<ul style="list-style-type: none"> • Within 4 yrs post-PhD at time of award • No previous ICAM fellowship • Involve 2 or more ICAM branches • Postdoctoral Fellowship Candidates may not be current PhD students of either mentor. Also, normally, may not have been PhD students of either mentor within the immediate past year 		<ul style="list-style-type: none"> • Faculty or permanent staff at ICAM branches • Involve 2 or more ICAM branches
CV	NSF Style for candidate and both mentors (sample on ICAM web pages)	NSF Style for each mentor	NSF Style for candidate
Publications:	List of all publications plus electronic copies of no more than two of these		
Letters:	One from each mentor (primary and secondary), plus a letter assessing the proposal from a scientist who is not part of the collaboration	None	2 from scientists familiar with work; 1 from host detailing local support
Proposal/budget: (5 page maximum)	Title, description, including timeline, budget up to \$25,000/yr		
Duration of Award:	2 yrs, provided evidence of satisfactory performance is given in progress report submitted after completion of initial nine months of the award		Up to one year non-renewable
Reporting:	Brief progress report after nine months and a detailed summary of accomplishments at the conclusion of Fellowship, followed by a presentation at an ICAM annual conference		Summary of accomplishments at conclusion of Fellowship followed by a presentation at an ICAM Annual conference.
Outreach:	Engagement with another of ICAM's SEE initiatives described at http://icam-i2cam.org/index.php/outreach/		
Acknowledgements:	Acknowledge ICAM support in all publications and presentations resulting from this research		

General Criteria Used to Evaluate Awards

- The most important criterion is the quality of the scientific research being proposed.
- High priority is given to new collaborations and to mentors who have not participated before.
- High priority for the Postdoctoral Fellowships is given to candidates who are new Ph.D.'s at the start of the fellowship.
- While single sub-field collaborations are welcomed, some priority will be given to those that involve work that crosses sub-field boundaries.
- In general ICAM will limit fellowship awards to 1) no more than one fellowship per year, per mentor, with the understanding that 2nd year ICAM Postdoctoral mentors would be ineligible for consideration, 2) no more than two per year, per institution, 3) no more than one per person, per career, in either Track I or Track II categories, and 4) no more than one additional Postdoctoral Fellowship award to institutions with two existing Postdoctoral Fellowships.
- Postdoctoral awardees must spend at least two months per calendar year on average at their secondary institution.
- Track II choices (by mentors) for fellowship awardees must be reviewed and approved by the ICAM Fellows Committee prior to July 1, 2011 in order for funds to be delivered to the primary mentor institution.
- If a Track II award is not filled during the target year, the mentors must submit a formal request for a no-cost extension of start-date to ICAM co-directors and Fellows Committee Chair.
- If the mentors have pre-selected a Postdoctoral Fellow candidate, the Postdoctoral candidate should submit the proposal under the Track I – Applicant Driven application.
- Senior Fellowships may be awarded more than once to the same applicant only in cases of novel and clearly outstanding proposals, and at least five years after the first award.
- Maximum annual awards for fellows are \$25,000.00, and may be less at the discretion of the Fellows Committee. Funds are sent directly to primary host institutions.
- Proposals must indicate amount and type/source of primary funding for postdoctoral awards.
- **All ICAM awards are to be administered free of overhead by the host institutions.**



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