CINT Distinguished Postdoctoral Research Program  
Jump Start Phase

**Purpose:** Creation of a highly prestigious position that attracts the very best young scientific talent to become part of CINT and to advance the CINT scientific program.

**Scientific Program Focus:** The distinguishing characteristic of CINT is its emphasis on exploring the path from scientific discovery to the integration of nanostructures into the micro and macro worlds. This pathway involves the experimental and theoretical exploration of behavior, the development of a wide variety of synthesis and processing approaches, and an understanding of new performance regimes, testing design, and integration of nanoscale materials and structures. Integration itself is key to the exploitation of nanomaterials, and the scientific challenges that it poses are at the heart of CINT’s mission.

**Program:** Competitive program to select two postdoctoral positions, one at Sandia and one at Los Alamos, funded at the level of $150K for salary and research support. The funding commitment is for two years from date of joining the CINT program. Candidates are expected to join the program no later than July 2004.

**Candidate Eligibility:** New postdoctoral candidates or current LANL/SNL postdoctoral employees in their first year.

**CINT Sponsor Eligibility:** Los Alamos and Sandia scientists who represented capabilities in the 2003 CINT Jump Start call for proposals. (All contact names on the CINT web site plus those who are identified as additional resources by the contacts, thrust leaders, and CINT management team)

**Candidate Submission Package:** Proposal package must include the following:  
(1) Science proposal (one page, CINT relevance, *Scientific American* style, written by the candidate);  
(2) Nomination memo from the CINT sponsor (one page max);  
(3) Three letters of reference (each including quantitative ranking of the individual)  
(4) Resume  
(5) Publication list  
(6) Undergraduate and graduate transcripts

**Candidate Selection Process:** A joint selection committee representing the CINT science community will review the proposals and recommend the top candidates for each position. Preference will be given to candidates whose science proposal features cross-SNL/LANL collaborations.

**Application Deadline:** Candidate submission package due to Carol Eiffert, SNL, Building 897, Rm. 2036, 844-6002 or Laurie Lauer, LANL, TA-3/SM-1698/Rm. C107, 667-9243, by April 19, 2004.

**Notification:** Awards announced by May 3, 2004.