The Department of Material Science and Engineering at Rutgers University is seeking to fill multiple industrial and federal-sponsored postdoctoral and research associate positions in ceramic processing and luminescent materials research. Demonstrated scientific and technical experience in one or more of the following areas, including solution and hydrothermal synthesis, powder processing, luminescent materials, materials characterization, and structural, biomedical and electrochemical properties is preferred along with demonstrated ability to initiate, conduct and publish cutting-edge research. Candidates exhibiting exceptional research capabilities, collaboration and project management skills during the course of their first year will be considered for a full time research and development position by the corporate research sponsor. The positions, available in March 2010 or sooner, offer a highly competitive salary and benefits. Candidates should submit the following: a 1-2 page cover letter stating why they are qualified and when they are available for employment, curriculum vitae, three letters of reference, relevant publications no later than March 1, 2010 to Richard E. Riman, Department of MSE, Rutgers, The State University of New Jersey, 607 Taylor Road, Piscataway, NJ 08854-8065, 732-445-4946, riman@rci.rutgers.edu. Rutgers is an equal opportunity/affirmative action employer.