The University of Chicago's Department of Radiation and Cellular Oncology is seeking qualified applicants for full-time Postdoctoral Scholar positions. The primary activity of a Postdoctoral Scholar is academic research in association with a faculty member or team. Openings currently exist in research teams investigating core pathways and mechanisms underlying the interaction of the immune system with ionizing radiation, investigation of immune modulating antibodies/drugs in combination with local radiotherapy, and the design and production of cancer vaccines that can be employed with radiotherapy. Additional opportunities to consult and/or participate in the composition and execution of translational research grant applications and design and implementation of clinical trials related to immunology and radiotherapy is also available. Qualified applicants must possess a doctorate degree. Ideal candidates would possess a strong background in radiation biology or immunology, with experience in tumor immunology, the process of adoptive T-cell transfer, molecular biology, and animal models of human cancer preferred. The level of the position and compensation are dependent on qualifications and experience. Interested candidates should submit curriculum vitae, bibliography, a statement of research interests, and contact information for at least three references to Dr. R. Weichselbaum, Dept. of Radiation and Cellular Oncology, 5758 S. Maryland Ave, MC9006, Chicago, IL 60637 or via email to: dcorrea@radonc.uchicago.edu