High caliber individuals with a strong record are invited to apply for six postdoctoral positions to study various molecular and genetic aspects of cancer. The Program is highly interactive and multidisciplinary, and fields of research range from the identification of novel oncogenes and tumor suppressor genes, to the control of proliferation, cell cycle and apoptosis, epigenetics, transcription regulation, signal transduction pathways, immunology, mouse tumor models, bioinformatics, and computational biology of cancer models. The program has had a history of placing our postdoctoral fellows in tenured assistant professor positions or equivalent positions of leadership. For a more detailed description of the research interests of participating faculty members please see our web page at http://www.cancergenetics.med.ohio-state.edu.

Maki Asano, MD, PhD – Genetic analysis of DNA replication control
Michael Caligiuri, MD - Molecular biology of acute leukemia and NK cell biology
William Carson, MD - Immunotherapy of cancer.
Albert de la Chapelle, MD, PhD - Genes predisposing to cancer and expression profiling in cancers
Carlo Croce, MD, - Identification and characterization of genes involved in pathogenesis of cancer
Harold Fisk, PhD – Centrosome assembly; from molecular mechanisms to its role in genomic stability
Joanna Groden, PhD – Mouse models of gastrointestinal cancer; biology & biochemistry of DNA repair
Denis Guttridge, PhD – NF-kappa B signaling in cell growth and differentiation
Tsonwin Hai, PhD - Stress responses in stroma-cancer interactions, inflammation, and metastasis
Anita Hopper, PhD – Intracellular trafficking of RNA & proteins; Nucleus organization, RNA processing
Tim Huang, PhD – Epigenetic profiling of gene silencing in cancer
Lawrence Kirschner, MD, PhD – Mouse models of endocrine tumorigenesis; PKA signaling
Gustavo Leone, PhD - Cell cycle and microenvironment in development & cancer
Stephen Osmani, PhD – Mitotic regulation of nuclear structure
Michael Ostrowski, PhD – Genetic analysis of Ets family members in development & cancer
Deborah Parris, PhD - HSV: mechanisms of RNAi silencing suppression and DNA replication
Mark Parthun, PhD – Histone post-translational modifications and the assembly of chromatin structure
Jeffrey Parvin, MD, PhD – Biochemistry and molecular biology of breast cancer
Kamal Pohar, MD – Genetics and animal modeling of bladder cancer
Matt Ringel, MD – Signaling in thyroid cancer invasion and metastasis
Saïd Sif, PhD – Aberrant chromatin remodeling and histone arginine methylation in leukemia/lymphoma
Amanda Toland, PhD - Genetics of cancer susceptibility
Robin Wharton, PhD - Translational control of nuclear proliferation in Drosophila
Jian-Qiu Wu, PhD - Cellular asymmetry and cell division in fission yeast
Sung Ok Yoon, PhD - JNK signaling in neurodegenerative diseases

The OSU Comprehensive Cancer Center is a state-of -the-art basic and clinical research institute with impressive Genomics, Proteomics and Transgenic Core Facilities. Interested applicants should send curriculum vitae, statement of research interests, and the names and addresses of three references to Liz Stranges, Human Cancer Genetics Program, 460 West 12th Ave, Room 809B, Columbus, OH 43210; or by e-mail to liz.stranges@osumc.edu. Application deadline is January 30, 2009.

The Ohio State University is an equal opportunity/affirmative action employer. Qualified women, minorities, Vietnam era veterans, and individuals with disabilities are encouraged to apply.