Professional Specifications
Chief, Section of Colon and Rectal Surgery
Fox Chase Cancer Center
Philadelphia, Pennsylvania
www.fccc.edu

Prepared by:
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Summary of Opportunity

Fox Chase Cancer Center (FCCC), Temple Health is currently seeking qualified applicants for the role of Chief, Section of Colon and Rectal Surgery. Selected individuals will join a large, academic practice in the Department of Surgery at our NCI designated comprehensive cancer center and at the Lewis Katz School of Medicine at Temple University (LKSOM). Clinical responsibilities will be shared between FCCC and LKSOM as Temple Health integrates its cancer program across the health system. The candidate must have a long-term goal of building and growing a colorectal cancer program by establishing a multi-disciplinary cancer practice, as well as providing expertise in colorectal surgery.

The incumbent will be a respected surgeon with a solid track record of nationally recognized clinical care, teaching and research. Candidates must possess an M.D. with active board certification both in Colon and Rectal Surgery and General Surgery. Credentials that qualify for a faculty appointment at the Professor or Associate professor level is preferred. Candidates also should be active participants in national organizations and committees and be eligible for medical licensure in the Commonwealth of Pennsylvania. All candidates must have the ability to lead and work cooperatively within a diverse environment.

Key Relationships

Reports: to the Chair, Department of Surgery, Fox Chase Cancer Center with programmatic responsibilities to the Chief of Colorectal Surgery, Temple University Health System.

Essential Duties and Responsibilities

Professor/Associate Professor in Colorectal Surgery will have responsibility for the following:

Contributing to Fox Chase Cancer Center, Temple Health’s, and Temple University School of Medicine’s major missions:

Fox Chase Cancer Center, Temple Health, and Temple University School of Medicine are dedicated to excellence in education, research and patient care, achieved by faculty, staff and learners who represent the diversity of society. They provide:

- Education that is patient-centered, instilling in learners the Medical School’s ethic of human service and lifelong learning;
- Research that advances and integrates basic and clinical science; and
- Patient care administered with compassion and understanding, utilizing contemporary knowledge and techniques.

September 1, 2016
Candidate Qualifications

- An MD with active board certification in Colon and Rectal Surgery and General Surgery.
- At least 5 years of clinical practice experience in an academic and/or cancer center setting.
- Leadership experience to develop teams, drive vision, and work collaboratively.
- Interest in clinical and population-based research.
- Experience and involvement in cancer program-related community activities.
- Eligible for medical licensure in the Commonwealth of Pennsylvania.
- Demonstrate sensitivity to the culture, needs, and aspirations of the community.

The Organization

Fox Chase Cancer Center, Temple Health
www.fccc.edu

An NCI designated Comprehensive Cancer Center hospital, located in Philadelphia, Pennsylvania, Fox Chase Cancer Center, Temple Health is consistently ranked among the top cancer centers in the nation. Our nationally and internationally recognized staff provides consultations and treatment recommendations for all types of adult cancer.

In 1974, Fox Chase was among the first institutions to be designated a National Cancer Institute Comprehensive Cancer Center. Fox Chase Cancer Center joined Temple Health in July 2012. Fox Chase Cancer Center houses the area’s most sophisticated technology in surgery, radiation, endoscopy, diagnostic imaging, genomics and bioinformatics. Fox Chase currently sees nearly 8,000 new patients each year and is approaching 100,000 outpatient visits annually.

Surgical Oncology

State-of-the-art surgical facilities and services include fully integrated MIS/Robotic operating rooms, same-day surgery unit, short-procedure and endoscopy unit, laser and cryosurgery, CT-guided biopsy and stereotactic biopsy technology, full anesthesiology and regional pain capabilities, post anesthesia care unit and an intensive care unit. This year Fox Chase expects to complete over 8,000 oncology-based operative and endoscopy cases.

Outstanding specialty-based programs exist within the Department of Surgery including Head and Neck, Thoracic, HPB, Colorectal, Gynecological, Urologic, Melanoma/Sarcoma, Breast and Plastic Surgery. Advanced training fellowships are sponsored by the Department of Surgery including accredited training in Surgical Oncology, Urologic Oncology, and Breast Surgery as well as advanced fellowships in gynecological and thoracic oncology. Surgical residents in multiple specialties, including General Surgery, rotate at the cancer center. Medical students from the Temple University...
School of Medicine participate in the surgical service training as do CRNAs from the University of Pennsylvania and physician extenders (PAs/NPs) from multiple regional programs to round out the educational missions of the Department of Surgery. Since 1987, the Department of Surgery also helps lead the cancer center’s robust biosample repository (BSR) where all patients undergoing surgical treatment are asked to participate with in this core facility. Patient capture rate exceeds 90% with more than 17,000 samples currently housed in our BSR which are linked to a 100-item patient questionnaire encompassing robust demographic, dietary and family history data for all participating patients.

Medical Oncology

Subspecialty based medical oncologists offer innovative targeted and immunotherapies to compliment traditional chemotherapy. A robust clinical trials arm accrues >600 patients per year to investigator initiated, pharmaceutical sponsored and cooperative group studies providing patients with access to a tremendous range of new anticancer treatments.

FCCC Medical Oncology believes in “Personalized” treatment, utilizing genomic signatures and identifying clinical characteristics of individual patients’ tumors to determine their responsiveness to specific chemotherapy drugs. The CLIA-certified, CAP-accredited Molecular Diagnostics Laboratory in the Department of Pathology at FCCC has provided in-house testing for single gene mutation analysis (e.g., EGFR) since 2005 and introduced a 50-gene targeted panel for solid tumor testing by next generation sequencing (NGS) in 2012. Mutational profiling by NGS has benefitted the FCCC Gastrointestinal Cancer Program, where patients’ with metastatic colorectal cancer are routinely screened for mutations in multiple clinically-relevant genes (e.g., KRAS, NRAS, BRAF, PIK3CA, etc.) to determine the most effective drug treatment.

Radiation Oncology

Complete radiation oncology services include CT/MRI simulated four-dimensional treatment planning as well as SIR spheres, stereotactic robotic treatment, Intensity Modulated Radiation Therapies, low-dose-rate and high-dose-rate implants (brachytherapy). The department uses up to six state-of-the-art linear accelerators for radiation treatment and two treatment planning simulators (CT scan and MRD). Additionally the department has CyberKnife and high-intensity focused ultrasound capabilities.

The Department of Radiation Oncology includes 35 medical physicists, dosimetrists and radiation therapy technologists and delivers over 24,000 fractions per year. The Center has pioneered some of radiation oncology’s most effective radiation therapy techniques, from 3D-conformal to intensity modulated radiation therapies (IMRT), innovative image guidance including BAT ultrasound, CT on rails and radiofrequency-guided beacon (Calypso) targeting.

Fox Chase Cancer Center is currently in the process of acquiring advanced technology that is not available anywhere else in North America. This technology is based on a specialized linear accelerator known as a racetrack Microtron (Top Grade Healthcare, Beijing, China). This technology will allow us to treat a patient population that has exhausted other treatment options and is receiving palliative care at best. The treatment consists of very high energy radiation therapy, in conjunction with a radiosensitizing drug which serves as the activation agent. This will be similar to photodynamic
therapy but without the anatomic limitations of light. FCCC is working with Top Grade to install the equipment, and we are developing the protocols in order to treat patients who have previously had little to no radiation opportunities.

Multidisciplinary Care

Patients with colorectal diseases are cared for by a complete multidisciplinary team at the Fox Chase Cancer Center. The team includes medical, radiation and surgical oncologists as well as a clinical genetics program that runs high risk clinics. In addition, Fox Chase has a team of experienced gastroenterologists comfortable with the most advanced diagnostic and therapeutic interventional endoscopy techniques for gastrointestinal disease. Expertise in interventional radiology with respect to percutaneous transhepatic biliary damage, portal vein embolization, hepatic artery embolization as well as transarterial management of pseudoaneurysms is available at all times. Experts in Anesthesia and Critical Care for gastrointestinal patients also are key members of the multidisciplinary team. Finally, pathologists with subspecialties in colon and rectal tumors participate in weekly multidisciplinary conferences.

Research

The mission of FCCC is to prevail over cancer by marshalling hearts and minds in bold scientific discovery, pioneering prevention, and compassionate care. The Center conducts research in more than 85 laboratories staffed by 325 physicians and scientists. Clinical, basic, and population research conducted by experts across disciplines in turn enables FCCC to translate new research findings into medical applications that may become models for improved cancer care. Research programs at the Center encompass Cancer Biology, Cancer Prevention and Control, Blood Cell Development and Function, Molecular Therapeutics, and Cancer Epigenetics. Total annual funding for these programs and relevant cancer related funding from Temple University School of Medicine is nearly $45M.

Fox Chase has a strong research focus that includes the following NCI Cancer Center Support Grant core facilities:

- Biological Imaging
- Biosample Repository
- Biostatistics and Bioinformatics
- Cell Sorting Facility
- Cell Culture Facility
- Genomics Facility
- High Throughput Screening
- Histopathology
- Laboratory Animal Facility
- Molecular Modeling Facility
- Population Studies Facility
- Transgenic Mouse Facility

In addition to these existing resources, Fox Chase has recently recruited Dr. Wafik El-Deiry as the Deputy Director for Translational Research and Co-Program leader in Developmental Therapeutics. Dr. El-Deiry, in addition to being a pre-eminent physician-scientist of translational drug discovery and development, oversees a lab focused on developing personalized therapies for patients with GI cancers.
Temple Health  
[http://www.templehealth.org](http://www.templehealth.org)

Temple Health, one of Philadelphia's leading academic medical centers, is home to more than 1,000 physicians and scientists who share the mission of bringing innovative treatments to patients. In addition to the Fox Chase Cancer Center, Temple Health includes Temple University Hospital, Jeanes Hospital and Episcopal Hospital (Behavioral Health).

Giving our patients access to some of the world's most advanced therapies — and helping them achieve outcomes once thought impossible — is the driving force for all our clinical care, research, and medical education.

Temple's nationally-renowned physicians now offer dozens of powerful new options for patients who, just a few years ago, were considered untreatable. Using sophisticated technologies and personalized treatments, Temple physicians are working to alter the course of serious disease. In over a dozen research centers at Temple University School of Medicine and Fox Chase Cancer Center, our faculty are speeding the transformation of fundamental scientific discoveries into practical therapies that may one day dramatically improve human health.

Temple University Hospital (TUH)  
[http://tuh.templehealth.org](http://tuh.templehealth.org)

Temple University Hospital (TUH), is a 740-bed tertiary- and quaternary-level acute care hospital in close proximity to the School of Medicine. TUH is a high volume urban center, with over 150,000 outpatient visits yearly, over 28,000 admissions, over 14,000 operations and over 2,700 births. TUH is a Level I Trauma Center. TUH has one of the busiest emergency departments in the region. The hospital provides patients with ready access to an exceptional group of physicians in every specialty and primary care field. These doctors include the nationally recognized faculty of the TUSM, who are supported by the advanced resources of its major teaching hospital. In recent years both Cardiovascular and Transplant programs have grown dramatically.

Jeanes Hospital  
[www.jeanes.com](http://www.jeanes.com)

For almost 85 years, Jeanes Hospital has combined excellence in health care with a compassionate, personal touch. Today, as a member of the Temple University Health System, Jeanes offers state-of-the-art medical, surgical and emergency services, providing patients with the comfort and convenience of a community hospital along with the resources of a downtown academic medical center. Jeanes is located on the same campus as Fox Chase to which it is adjacent and adjoined. The experienced doctors and dedicated staff are focused on offering patients access to the latest treatments and diagnostics, while never losing sight of the hospital’s dedication to serving and caring for the surrounding community.
Lewis Katz School of Medicine at Temple University (LKSOM)
www.temple.edu/medicine

The Lewis Katz School of Medicine at Temple University (LKSOM) has been a Philadelphia institution for nearly 115 years and is widely recognized as an exceptional medical and educational institution with a diverse, socially-conscious student body, outstanding and prolific faculty and leading-edge research. Founded to provide access to professional education for persons of diverse backgrounds as well as health care to the surrounding, traditionally underserved communities, LKSOM continues to be a vibrant, dynamic leader in medical education, research and patient care. Today, Temple Health's physician leadership is building on its rich history, and transforming one of Philadelphia's leading academic medical centers into a nationally renowned, top-tier medical institution. Like Lewis Katz, the man for whom the school is named, LKSOM's students and faculty are legendary for their hard work, dedication and strong passion for making a difference.

There are 20 clinical departments in the Lewis Katz School of Medicine at Temple University, comprised of over 499 full-time faculty, 44 part-time faculty and 814 volunteer faculty, and 869 staff. Each department is engaged in education, patient care and research. LKSOM takes pride in the excellence of its teaching, service and research programs. It remains fully accredited by the Liaison Committee on Medical Education. Each year it admits 210 medical students and approximately 24 graduate students. It is the fourth most applied-to medical school in the country, a popular destination for residents and fellows looking to work in high impact specialties on the front lines of medicine, and with more than 13,000 alumni, represents a huge proportion of the physician base in the Delaware Valley. Reflecting the excellent quality of a Temple medical education, its M.D. graduates are highly regarded by competitive residency training programs, and have made significant career contributions to both medical practice and medical research. Many have become department chairpersons, deans and vice presidents of major academic medical centers.

LKSOM enjoys a close educational and working relationship with the Temple University Health System, now encompassing Temple University Hospital and its Episcopal campus, Jeanes Hospital, Fox Chase Cancer Center, and the Northeast Ambulatory Care Center. Major teaching affiliates include St. Luke’s University Health Network in Bethlehem; the Geisinger Medical Center in Danville; the West Penn Allegheny Health System in Pittsburgh; the Crozer-Chester Medical Center in Delaware County; Abington Memorial Hospital in Abington Township. Combined with office practices at Temple and its affiliates, and those of highly qualified primary care and specialty practitioners throughout the Commonwealth, Temple students become experienced in caring for individuals with simple to highly complex illnesses in a variety of settings.

The School of Medicine is committed to fostering a diverse, equitable and inclusive environment wherein all faculty, staff and students from differing backgrounds can excel and achieve their goals. We will work to continue to build an environment that is inclusive with regard to race, socioeconomic status, educational status, national origin, age, gender, faith, gender identity and expression and sexual orientation.

September 1, 2016
Procedure for Candidacy

Interested candidates should submit a current curriculum vita and complete contact information to the address below. Personal statements summarizing clinical experience, teaching and research interests, leadership experience and contributions to diversity are encouraged.

Howard Ross, MD, FACS, FASCRS Professor and Chief, Division of Colorectal Surgery, Department of Surgery, Lewis Katz School of Medicine, C/O Michael R. Lester, Senior Director, Physician/Faculty Recruitment & Retention, Lewis Katz School of Medicine at Temple University, 3420 N. Broad Street, MRB 101, Philadelphia, PA, 19140, Email: michael.lester@tuhs.temple.edu Phone: 215-707-5666.

Temple Fox Chase Cancer Center is especially interested in qualified candidates who can contribute through their research, teaching and/or service to the diversity and excellence of the academic community. Temple Fox Chase Cancer Center is an Affirmative Action/Equal Opportunity Employer and strongly encourages applications from women and minorities.

Temple Organizational Hierarchy

Temple Health comprises the health, education and research activities of both Temple University Health System (TUHS) the Lewis Katz School of Medicine at Temple University and Fox Chase Cancer Center (FCCC).