The Markey Cancer Center is now seeking predoctoral and postdoctoral candidates for NCI-supported traineeships in Cancer Biology to begin within the current grant year. Preference will be given to postdoctoral applicants who received their PhD less than three years ago. These positions require U.S. citizenship or permanent residency. Applicants should be involved in cancer research projects and should indicate interest in pursuing a career in a cancer-related field.

Participant selection by the Executive Steering Committee will be based on the quality of the applicant’s academic record, letters of recommendation, commitment to a career in cancer biology-related research, the experience of the applicant relative to the ongoing research effort of the program faculty, and diversity.

This NCI-supported training program (T32) emphasizes interdisciplinary cancer biology research topics to develop a cadre of future scientists who can become leaders using integrative team approaches to understand the complex issue of cancer as it relates to potential prevention and treatment strategies. It will involve advanced graduate students and postdoctoral researchers with broad backgrounds who will receive mentored, laboratory-based training through participation in research projects; courses, seminars, short courses, workshops and journal clubs; and a complementary clinical shadowing component. These mentored research training projects are intended for graduate students and postdoctoral researchers planning to pursue careers in cancer biology. Individual participants in mentored research training projects may be supported by the T32 grant.

The Cancer Biology mentors are organized into focus area teams that will guide trainees in their mentored laboratory research experiences. Each team will be comprised of both cancer biology and biomedical/clinical oncology faculty. The team will evaluate and prioritize proposed projects and serve as scientific advisory boards for participants in each track. Each trainee will work closely with one or more mentors/co-mentors in a project that lies within the focus area. Team meetings will be held regularly with each participant to monitor research progress, brainstorm, and suggest new directions. Trainees will be expected to participate in the Markey Cancer Center research seminar series and undertake additional courses, short courses, or workshops to supplement their training. The educational and clinical shadowing plan will be tailored to each individual participant.

If you have a potential predoctoral or postdoctoral applicant, please provide the following information to Jennifer Bybee (jennifer.bybee@uky.edu). The position will remain open until the best candidate is recruited; applications will be reviewed according to the order in which they are received. For further information about the UK Markey Cancer Center, please refer to our website (http://www.ukhealthcare.uky.edu/Markey/). More information on the T32 program is available at https://ukhealthcare.uky.edu/markey-cancer-center/research/t32.
The application should include:

1. An application letter from the potential trainee (1-2 pages) articulating their previous research experience, commitment to a career in cancer biology or cancer-related research, and a brief research proposal. The applicant should indicate how their thesis research and/or career will benefit from cross-disciplinary training in cancer biology.

2. The current Curriculum Vitae and transcripts of the applicant.

3. A letter of support from the mentor(s) recommending the candidate and outlining the research and clinical co-mentoring plan for the trainee.

4. Names and contact information for two additional references that may be contacted by the Executive Steering Committee.

The Executive Steering Committee will select the top candidates and interview them before making a final decision. Please contact Vivek Rangnekar, PhD, (vmrang01@email.uky.edu), if you have questions regarding the training program.

Thank you,

Vivek Rangnekar
Mark Evers