The Chicago EYES on Cancer program welcomes secondary science educators from the Chicago area to expand their capacity for inquiry-driven, project-based instruction. Participants work full-time for two consecutive summers in the laboratories of established cancer researchers, gaining hands-on experience in areas at the forefront of the field: cancer immunology, pharmacogenomics of anticancer agents, experimental cancer therapeutics, cancer disparities, and more. The summer experience also includes curriculum development workshops, a cancer-based faculty lecture series, individualized mentoring, and a culminating research symposium for colleagues, family and members of the scientific community. During the intervening school year, participants receive ongoing support as they implement new knowledge and skills in the classroom. Participants receive a taxable stipend of $6,400 the first summer and $7,200 the second.

**PROGRAM DATES:** June 18 – August 10, 2018

**Chicago Public School teachers are encouraged to apply. Arrangements will be made to accommodate the program’s conflict with the school district’s calendar.**

**ELIGIBILITY REQUIREMENTS**
- High school science teacher for groups underrepresented in the biosciences (i.e., students who qualify as racial/ethnic minorities, economically disadvantaged, first-generation college-bound, or living with disabilities)
- Strong commitment to advancing students’ capacity for inquiry-driven, project-based science learning
- Familiarity with basic principles in cell and molecular biology and/or basic chemistry
- Ability to commit to the full two-year program, including 8-week research experiences (40 hours/week) for two consecutive summers
- United States citizen or permanent resident

**ADMISSION**
Admission to Chicago EYES on Cancer is highly competitive. Approximately three new teacher research fellows are selected each year. Selection is based on applicants’ stated interest in the program, their capacity to impact the science learning experiences of underrepresented youth, and letters of support. To apply:
- Submit the online application form ([http://j.mp/2yCdnwj](http://j.mp/2yCdnwj)) before midnight on January 21st, 2018.
- Identify your principal or department chair to submit a letter of support. The program leadership team will contact this individual directly with instructions after you submit your online application.
- Applicants who advance to the second round: Complete an in-person interview with the program leadership team, scheduled for February 2018.

**Conflict of Interest:** The selection of applicants is managed by the program leadership team. Immediate family members of the leadership team, UChicago faculty, or the Chicago EYES on Cancer Advisory Committee are ineligible for the program. All applications will be subject to the Conflict of Interest Policy.
APPLICATION INSTRUCTIONS
Access the Chicago EYES on Cancer application form for secondary science educators at http://j.mp/2yCdnwi. Be prepared to enter the following information:

Employment Information
• Current school name, address and phone number
• Current assigned courses and grade levels
• Current resume (please include all coursework and certifications that reflect your level of expertise in the biomedical sciences, e.g., undergraduate classes in cellular and molecular biology, chemistry, etc.)

Program Information
• Areas of research interest, based on the following categories:
  - Molecular Mechanisms of Cancer: Investigation of the molecular and cellular events that cause cancer and result in uncontrolled tumor cell growth and spread. Includes the study of gene mutations, signaling pathways, and regulation of cell proliferation, death, metabolism, motility and metastasis.
  - Immunology and Cancer: Study of the interaction between the host immune system and cancer, and manipulation of that interaction to promote immune-mediated tumor destruction in patients with cancer.
  - Clinical and Experimental Therapeutics: Research that focuses on identifying novel molecular targets for cancer therapy and translating research findings into clinical application by implementing new therapies, tests or tools into cancer patient care.
  - Advanced Imaging: Development of innovative imaging technologies and analysis tools and methodologies to improve cancer detection, diagnosis and treatment.
  - Cancer Prevention and Control: Determination of the environmental, genetic, psychological, biobehavioral, and economic factors underlying the development, risk, prevention, diagnosis, prognosis, and survivorship of cancer.
  - Cancer Disparities: Understanding the underlying factors that cause certain populations to face an unequal burden of cancer incidence or mortality and devising strategies to reduce or eliminate those differences.
• Responses (no more than 250 words each) to the following questions:
  - Describe your role in the science education of underrepresented youth. Please include relevant activities outside of the classroom in addition to your regular teaching and advising responsibilities.
  - How would the Chicago EYES on Cancer program enhance your capacity as a science educator for underrepresented youth?
  - What goals do you have for your participation in the Chicago EYES on Cancer Program?
  - Is there anything else you’d like us to know about you?

Recommenders
• Name of either your principal or department chair, who will submit a recommendation on your behalf
• Recommender’s email address and phone number

*The Chicago EYES on Cancer team will contact your recommender directly with further instructions*

APPLICATION DEADLINES
• January 21, 2018: Application form due by midnight
• January 28, 2018: Letter of support due by midnight
• February 2018: On-campus admissions interviews
• March 1, 2018: Acceptance notification
• March 15, 2018: Commitment deadline

CONTACT
EYES@bsd.uchicago.edu │ 773-702-4678 │ http://cancer.uchicago.edu/education/CURE.shtml