

**Summer Teaching Positions**  
**Journal Club Leaders**  
**Penn Summer Biomedical Research Academy, Summer 2022**

The College of Liberal and Professional Studies of the University of Pennsylvania has position openings for Journal Club Leaders for the Penn Summer Biomedical Research Academy being held from Tuesday, July 11th – Friday, July 29<sup>th</sup>, 2022. The Penn Summer Biomedical Research Academy is a non-credit program for academically talented high school students who are considering careers in biology or medicine. Students come from around the world, as well as from Philadelphia, to participate in the program. They learn selected topics in molecular and cellular biology and genetics during morning lectures. Afternoon laboratory sessions expose students to various techniques including DNA isolation, PCR, gel electrophoresis, molecular cloning, and ELISA. Journal clubs teach students to read primary scientific articles.

**Journal clubs will meet for 1 hour (either 11:15-12:15 or 12:15-1:15) every day (Monday through Friday) starting on Tuesday July 11<sup>th</sup> and ending on Wednesday July 27<sup>th</sup>. Each Journal Club Leader must also attend their group's presentation (approximately 30 min) on either Thursday, July 28<sup>th</sup> or Friday, July 29<sup>th</sup>.**

**Responsibilities:** Journal club leaders will be responsible for choosing a topic as well as two primary scientific articles on a subject area of biomedical research to discuss with a small group of eight or nine students. During the twelve 1-hour meetings over the course of the month, journal club leaders will teach students techniques for reading scientific papers, present background information, and answer student questions. They should also discuss hypothesis testing, use of controls, and any statistical methods used. In addition, journal club leaders will help students to prepare a group presentation where they identify important methods and results, and tie the articles together in a presentation for the rest of the students in the program. They will also be responsible for giving the students a tour of a biomedical research lab (during one of the 12 meetings). Finally, they are required to write a few (maximum of 5) letters of recommendation for individual students who may ask for them (for college applications), only if asked by the student.

Journal Club Leaders should send their selected research topic to the program director, Kieran Dilks, for approval by May 15<sup>th</sup>. Then they will be required to send their selected papers to Kieran by June 1<sup>st</sup>. They will also meet with Kieran Dilks and Jessica Ardis for a 90 minute meeting in late June/early July prior to the start of the academy.

**Qualifications:** Research experience in an area of biomedical research. Please indicate one or more areas in which you would be comfortable leading a journal club. Teaching experience preferred. Graduate students and postdocs must obtain permission to participate from their advisor.

**Compensation:** \$1,800

**To Apply**

Please send email of interest and CV to:  
Kieran Dilks, Ph.D.  
kdilks@sas.upenn.edu

**APPLICATION DEADLINE: May 15<sup>th</sup>, 2022 - apply early; will be considered on a rolling basis**