

Inside The Library

A newsletter of the NCI at Frederick Scientific Library

Operated by Wilson Information Services Corporation

VOLUME 11 ISSUE 4

FALL 2016

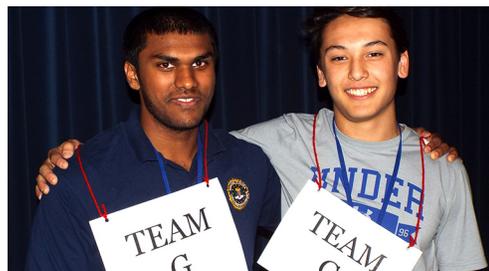


ATRF Library Corner

A large number of people are moving to the ATRF temporarily while their labs are being renovated on the main campus. The staff of the ATRF Library, a satellite location of the Scientific Library, wants to assure those people that full Library services will continue for them. Although the physical ATRF Library is small and without print resources, we can still offer online resources via 3 public computers, study space via our Quiet Study Room, and excellent reference service via our professional librarians. Stop by our 2nd floor location, or call x4942, and let us know what we can do for you.

WHO'S USING THE NCI AT FREDERICK SCIENTIFIC LIBRARY?

For this issue we asked the winners of the 2016 Student Science Jeopardy Tournament, **Anuk Dayaprema** and **Evan Yamaguchi**, and their mentors, **Dr. Lorena Parlea** and **Dr. Nadya Tarasova**, respectively, to write about their recent experiences.



Anuk Dayaprema and Evan Yamaguchi

Anuk Dayaprema, senior at Urbana High School

The 2016 Science Jeopardy Tournament definitely is the highlight of my internship thus far, and I am glad that the Scientific Library has provided this opportunity for interns and the NCI community to come together for recreation for the last ten years.

I am grateful for the fellow interns in my lab and my mentor Dr. Lorena Parlea, who took time out of their busy schedules to attend the tournament and offer their support. Of course, I would not have been able to compete in the tournament without being an intern, so I dedicate my part of our team's win to my lab for allowing me to intern in the first place.

I am thankful that I had Evan

Yamaguchi as my partner. He definitely kept me on my toes and came up with an excellent game plan. His efforts were integral to our success, and I hope to collaborate more often with him in the future.

I wish the best to my fellow competitors in their academic and vocational futures. Their amazing display of knowledge truly provided all of us with a memorable ten-year anniversary tournament.

Last but not least, the event could not have taken place without support from organizers, judges, sponsors, and spectators, so I must thank those who made the Tournament possible.

Evan Yamaguchi, senior at Governor Thomas Johnson High School

I came to the NCI-Frederick this summer through the Werner H. Kirsten Student Intern Program expecting to learn and challenge myself. However, what I wasn't expecting was the great experience and excitement of the Scientific Library's Student Jeopardy Tournament. I entered the competition with Anuk Dayaprema, someone whom I had only met a handful of times, mostly through mutual friends.

Cont'd on Page 4

NCI at Frederick Scientific Library ~ Building 549

On the web at: <https://ncifrederick.cancer.gov/ScientificLibrary/>

Hours: Monday - Friday 8:30am - 5:00pm

Main Phone Number: 301-846-1093 ~ Circulation: x5848 ~ Reference: x1682

ATRF Library ~ E2003, 2nd Floor ~ Main Phone: 301-228-4942

Library Orientations

Library Orientation sessions are held monthly on Thursdays, from 2:30 p.m. – 3:30 p.m. in the Library’s Technology Training Lab, Building 549. The dates of upcoming sessions are **October 13**, **November 10**, **December 8**, and **January 12**.

We invite all employees to attend our informative sessions to learn about the many services and resources offered by the Library. Registration is not required. If you are unable to attend a scheduled session, please [contact the Library](#) to arrange an alternate date and time to suit your schedule.

Featured Website - [AIDSource](#)

AIDSource is a comprehensive collection of HIV/AIDS-related resources reviewed and selected by expert information specialists and librarians. **AIDSource** was developed by the National Library of Medicine (NLM) to ensure that those seeking information about HIV/AIDS have a source of quality reviewed current content. The mission of **AIDSource** is to serve as a reliable source for easy access to HIV/AIDS-related information both within and outside of the federal government. Resources included on the **AIDSource** website are organized by both topic of interest and audience, and are available in English and Spanish.

Resource Training - When and Where You Need It

We are now registering employees for our Fall 2016 Resource Training Classes. For descriptions and dates of classes scheduled this fall, please see our [Orientation and Instructional Classes](#) webpage. Classes include:

ENDNOTE ESSENTIALS –
Thursday, October 13, 10:00 a.m. – 12:00 p.m.
TEXT MINING 101: CONCEPTS & TOOLS
FOR BIOMEDICAL SCIENTISTS –
Thursday, October 20, 2:30 p.m. – 4:30 p.m.
BEYOND GOOGLE & PUBMED –
Wednesday, October 26, 3:00 p.m. – 4:00 p.m.
ENDNOTE ADVANCED –
Thursday, October 27, 10:00 a.m. – 12:00 p.m.
PUBMED: IMPROVE YOUR SKILLS –
Thursday, November 17, 10:00 a.m. – 12:00 p.m.
UCSC GENOME BROWSER –
Thursday, November 17, 2:30 p.m. – 4:30 p.m.
EXPLORING PUBCHEM –
Thursday, December 15, 2:30 p.m. – 4:30 p.m.

Remember – our librarians will work with your schedule to provide one-on-one training at your convenience, either on the NCI at Frederick campus, or at the ATRF. For questions, or if you have a suggestion for a class offering, please [contact us](#). You may also call us at the Scientific Library in Building 549 at x1682, or the ATRF Library at x4942.

Resource of the Month – OneSearch

OneSearch, the Library’s one-stop discovery service, can help you discover relevant information on any topic from across most of the Scientific Library’s resources, searching not only databases such as **PubMed** and **Web of Science**, but also the full text of many of the thousands of online journals and books provided by the Library. Start your **OneSearch** session with a few keywords, or if you are searching for a specific item, try the Advanced Search option. Display and navigate your results by selecting one or more filters on the left side of the results page. Put phrases inside quotation marks to search for words in a specific order, such as “Biochemistry Viruses”. Use the “Refine Your Search” option on the left side to limit by Content Type, Subject, Publication Date, Library Location, and Language. When available, article citation numbers and altmetric information appear in the results list. [Access](#) and [learn more](#) about **OneSearch** from the search box on the Library’s homepage. For assistance with, or to learn more about this resource and others, please [contact the Library](#).

Upcoming Dates from Chase’s

The reference book **Chase’s Calendar of Events**, available in print and online from the Library, includes the following events for October, November, and December:

- **Breast Cancer Awareness Month**
(October 1-31)
- **Health Literacy Month**
(October 1-31)
- **National Cook for Your Pets Day**
(November 1)
- **Marie Curie: Birth Anniversary**
(November 7, 1867)
- **Carl Sagan: Birth Anniversary**
(November 9, 1934)
- **National Parks Established in Alaska**
(December 2, 1980)

10th Anniversary for Jeopardy!

It all began in 2007, when the Scientific Library staff decided to offer a unique event for summer students: **Science Jeopardy Tournament**. In that first year, there were only 4 teams playing the game, with signaling flags and a PowerPoint game board. Ten years later, there were 9 teams playing, with electronic signaling devices and a digital game board.



Jeopardy Judges - Drs. Jim Cherry,
Dina Sigano and Howard Young

On Wednesday, July 20, those 9 teams competed in 3 preliminary games, with 3 teams continuing into the final round. After some spirited betting and brave gameplay, the Tournament ended with the following results:

1st place Team: Evan Yamaguchi and Anuk Dayaprema

2nd place Team: Johann Miller and Aditya Yadav

3rd place Team: Ethan Ebert-Zavos and Jinghan Sun

The Library staff works hard on this annual event, with many behind-the-scenes people working to insure success. We enjoy interacting with the summer students, showing them that science can be fun.

Library Survey Results

The Scientific Library staff thanks everyone who responded to the survey conducted in May 2016. The 63 responses have been especially helpful as we plan our next training classes. It was encouraging that we are already offering some services and resources requested by survey respondents, such as librarian “house calls” and audio books. One response asked for “training videos for many common laboratory procedures...” According to its website, the [Journal of Visualized Experiments \(JOVE\)](#) provides videos of “essential laboratory techniques.” You can access that via the Library’s [Online Journals](#) list. LinkedIn was the top choice for social media used for work or research purposes with 46% of responses. Following closely at 44% was not using any social media for work.

One respondent commented that “The library is a ‘scientific’ library so my assumption is that it does not provide resources specific to the administrative line of work.” Although we are the “Scientific” Library, we are here to assist everyone at NCI at Frederick, not just those who work directly with research.

We hope you will continue to share your suggestions for information resources or services that will benefit your work with the Scientific Library’s [User Committee](#).

Retractions of Journal Articles on the Rise

Most scientific journal articles are written and published in good faith, with accurate and authentic information. Unfortunately, some journal articles are deemed fraudulent and are retracted. Retracted articles appear to be on the rise, according to a 2011 article in [Nature \(Van Noorden R. The trouble with retractions. Nature. 2011 478\(7367\):26-28\)](#). Many scientists believe that the increase is attributed not to more fraudulent research, but to more accurate tracking.

The challenge is to inform the scientific public about retractions. Tracking retracted journal articles is easier with online journals and databases. **PubMed** flags retracted articles by updating the original citation to indicate that it has been retracted. **Web of Science** links the original and the retraction citations. These services immediately inform scientists of flawed research. Finding fraudulent research articles is the focus of the blog [Retraction Watch](#). Founded in 2010 by two science editors, **Retraction Watch** has covered more than 200 retractions. Readers can comment and discuss online, thereby improving the publishing process.

Book Swap Coming Soon!

Whether you associate the number sixteen with a teenage birthday bash or the finals of the national basketball championship, one thing is for sure, it’s usually preceded by the word “sweet”! In the Fall, there is always time for some light reading, which is guaranteed sugar-free. And while the brackets are filling up with a different sport, this October the Library’s **Sixteenth Annual Book Swap** is a sure bet.

Starting, Monday, September 26, the Library will collect not only books, but also CDs and DVDs that are in good condition for the swap. This is an item-for-item exchange, so for each individual item that you donate, you will be credited for an item that you would like to select. Donations will be accepted until Tuesday, October 25.

Beginning at 10:00 a.m. on Wednesday, October 26, the books will be displayed in the lobby of the Conference Center of Building 549. Anyone who has received a credit can browse the items, make selections, and redeem their credits. All items are on a first-come, first-served basis. After 2:00 p.m. that day, the materials will be moved to the Scientific Library where they will remain until the end of November, so that anyone with remaining credits can browse and make selections at their leisure. Any leftover books will be donated or shared with other libraries.

Cont'd from Page 1

We both had no idea what to expect in terms of the difficulty of questions, our competition, or the publicity of the event. In the end, the questions were manageable, the competition was challenging yet friendly, and our enthusiastic peers in the audience amplified it all.

However, our path to victory was no easy feat. We were ahead by quite a large margin for most of the final round, but with only a few clues left on the board, the second place team correctly answered a Daily Double, sky-rocketing them to within a few hundred points. We pulled out the victory in Final Jeopardy, but not without some nervousness and sweat.

Overall, my experience here at the NCI has been such a great learning experience, and it would not have been possible without everyone in my lab group, and especially my mentor Nadya Tarasova. I truly appreciate all the time they all put in to help me learn and continue my research.

I'd like to give my thanks to the Scientific Library for hosting this event, and hope they put on many more Student Jeopardy Tournaments in the future.



Dr. Lorena Parlea, CRTA fellow, RNA Structure and Design section, Gene Regulation and Chromosome Biology Laboratory, and Mentor to Anuk Dayaprema

I reviewed more than 30 applications for the Werner H. Kirsten internship program, and Anuk's application stood out for me. Besides the outstanding qualifications that his mentors gave him, the letters of recommendations were really impressive. I shared the same opinions shortly after he joined our lab. Anuk is a very bright student, with a maturity and passion for science beyond his age. He became independent within a few days of joining our lab, showcasing an inquisitive mind and real commitment to research. He approaches every day and every task with the utmost dedication and seriousness, seeking my guidance only in scientific matters. Soon after joining the lab, I trusted him with a brand new project, and he got great results within days. His scientific and general knowledge shined at the NCI Scientific Library Jeopardy competition, making me very proud to be his mentor. Very few high school students are eager to work that hard towards their goals, and go the extra mile to obtain the results.



Dr. Nadya Tarasova, Head of the Synthetic Biologics and Drug Discovery Facility with the Cancer and Inflammation Program, and Mentor to Evan Yamaguchi

Evan's win in the Scientific Library's Student Science Jeopardy Tournament was not a surprise for us. Not only is he a very smart student, but Evan also reads a lot. The span of topics he reads on and the variety of books is very broad. This is probably the major reason for his being knowledgeable in so many areas.

Our group has always been lucky with the student interns we get. We have been fortunate to have many winners of national and international science competitions and fairs. Last year SIP student Tasha Freed not only was on the team that came in second in the Student Science Jeopardy Tournament, but she also won the Frederick County Science Fair and successfully competed at the Intel International Science and Engineering Fair, taking fourth place in Biochemistry.

Evan continues this tradition of student excellence. He is very productive in the lab and has managed to learn a lot in just the two months he has been an intern. The list of new skills he has acquired ranges from cutting-edge peptide synthesis to novel biophysical techniques like Microscale Thermophoresis and NanoDifferential Scanning Fluorimetry. I am sure he has a wonderful career in science ahead of him.

I can't help also noting that the Jeopardy Tournament is a wonderful summer tradition. It is educational and lots of fun for both participants and spectators. I have to compliment the judges and Scientific Library organizers for excellent questions and for making this event such a success.