



Let's Play KAHOOT! Teaching Epocrates® to High School Students Through Online Game-Based Learning

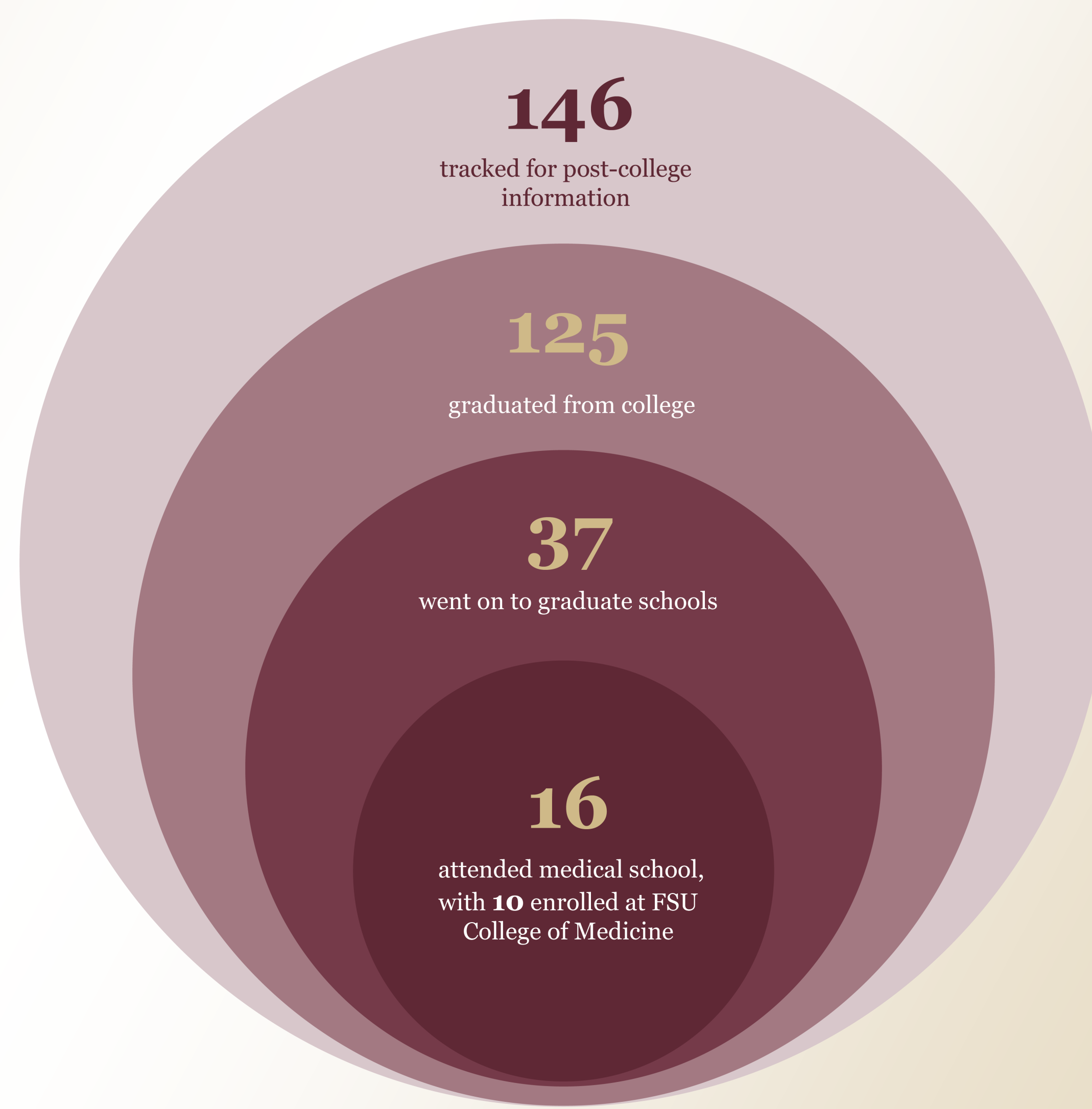
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Background:

The Florida State University College of Medicine hosts a one-week residential summer program on campus for high school students. The Science Students Together Reaching Instructional Diversity & Excellence (SSTRIDE) Summer Institute motivates students to excel academically, introduces students to a variety of clinical settings, provides standardized test preparation for ACT and SAT, provides mentoring, exposes students to college life, gives students a perspective on the life of a medical student, expose students to certain aspects of the medical school curriculum through interaction with faculty and participation in faculty led presentations about medical topics, and inspires students to pursue careers in health-care professions. The Summer Institute has hosted a total of 623 high school students from 2008 -2018.

Over the years, the Library has become increasingly integrated into the Summer Institute experience, taking on expanded faculty roles as needs have been presented. Librarians have demonstrated their usefulness by participating in the evolution of the Informatics session, by moving the learning content from a plug-and-play Jeopardy game to KAHOOT!

Igniting passion for medicine:



Library involvement:

An hour-long informatics session is given during each of the week-long camps. The library purchased iPods that are used for medical technology demonstrations. Each iPod is preloaded with Epocrates® before the class.



Terri Johnson teaching how to use Epocrates.

Activity:

After mobile health technology is discussed with the group, a demonstration is given on the use of Epocrates®, followed by an active-learning activity using the app. The students learn how to search for drugs, interactions checks, diseases, labs and ICD-10 codes in Epocrates®. Once students are familiar with using the various tools in Epocrates®, teams are formed for playing the online game-based tool KAHOOT!



Student with iPod learning Epocrates.

Sample Epocrates® Questions:

Below are examples of some questions asked:

1. What is the cost of 14, 250mg tablets of Cipro?
2. What is the BMI of a person who is 66" tall & weights 152 lbs?
3. What is the virus that usually causes Mononucleosis?
4. What is the ICD-10 code for mumps w/o complications?
5. Which drugs interact? Ambien, feverfew, lisinopril and rifampin

Lessons learned:

1. Don't be surprised when you lend an iPod to students that they take pictures of themselves!
2. Medical Students make great team leaders.
3. Students love competing against each other.



1. Student selfie.



2. Medical student helping in workshop.

Conclusions:

The possibilities in a college of medicine are encouraging for librarians to integrate themselves in designing objectives and learning opportunities outside of the library itself. Identifying one of these opportunities, has demonstrated how increased library involvement can strengthen not only the SSTRIDE program, but is value added to the overall mission of the Florida State University College of Medicine.