

Neurosurgery News

A Newsletter for WSUPG Neurosurgery

September 2012: Ovarian Cancer Awareness Month

The Neurosurgery News is looking for stories about our team members for upcoming issues.

This means you! If you have a unique talent or participate in something not normally seen, let us know. We will be sure to feature you soon!

Another Year, Another Wealth of National Rankings

U.S. News & World Report again ranks the Neurosciences and Harper Hospital amongst the best.

As they do every year, *U.S. News & World Report* compiles a listing of the best hospitals and physicians around the country. They have done so 2012 - 2013, and another familiar instance has arisen again: the neurosciences at Harper University Hospital has been recognized for its wealth of ability, talent, and expertise.

Neurosciences at Harper gained the following rankings:

#34 in the United States

#2 in the State of Michigan

#2 in the metro Detroit region

Furthermore, Dr. Guthikonda was recognized for his excellent neurosurgical service, being noted in the top 1% of all neurosurgeons in the nation, which you can see [here](#).

While this may be old hat to most of you at this point, you should still take a moment to reflect on the great level of service you are providing to help generate these high distinctions. Congrats to all of you, and let's push for even higher rankings in 2013 - 2014!

Also In This Issue:

Find out about the two ambitious young women we have sharing part of their summer with us.

What exactly was the contest last month? • More about our awareness month choice.

Upcoming dates to place on your calendar. • Brain Food!

Our regular contest (which you will be able to easily see this time).

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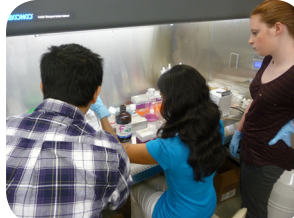
Stories From Around the Department

Neurosurgery Summer 2012 Mentoring Program

As summer gets close to its end, one thing that begins at the same period is the school year. Children and young adults of all ages prepare themselves for another year of studying, taking notes, tests, and more tests. Thankfully, these students have had a summer holiday to relax and prepare for this strenuous task of education. Well, most of them have this opportunity....

Our department has been hosting two local high school students for a summer mentoring program. That's right, instead of taking time off to relax, two ambitious high school students decided to study even more. Armaity Minwalla, a senior at University Liggett School, and Maggie Kelly, a senior at Grosse Pointe North High School both spent time learning about our clinical and research programs with our faculty and residents.

Armaity and Maggie, who can be seen in the surrounding photos, spent time exploring a variety of subjects. These included:



Clinical

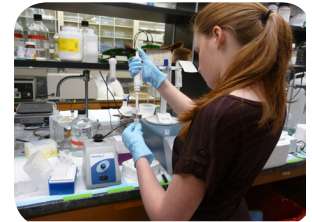


- Observing a craniotomy with Dr. Steve Ham, Chief of Neurosurgery at CHM, and Dr. Kwasi Nyame, one of our residents.
- Took rounds with Dr. Narayanan to look over interventional neurosurgical patients, and also observed Dr. Narayanan in the OR.

- Dr. Nyame also took Armaity and Maggie to the Skull Base Cadaver Lab, where they were able to learn about cadaver dissection.

Research

- In the lab of Yuchuan Ding, the girls assisted with a project that looked at the acute administration of ethanol and its effect on brain injury. They assisted with the test expression of genes and proteins.
- Maggie and Armaity spent time in Saroj Mathupala's lab preparing protein extracts from brain tumor cell cultures through the use of a protein binding dye and polyacrylamide gel electrophoresis (PAGE). Through these processes, they were able to help identify a specific protein within the tumor cells.
- Finally, within the lab of Alana Conti, the two students helped examine the role of the enzymes adenylyl cyclase 1 and 8 in methamphetamine neurotoxicity.



Wow, what a summer. As for myself, I would have just read a book or two and slept in. However, it's certain that with this sort of work effort, these two young women have a promising future. Thanks, Armaity and Maggie, for sharing part of your summer with us!

Brain Food

Interesting Facts about the metro Detroit Region.

The City of Detroit purchased Belle Isle in 1879 for \$200,000.

The City of Utica was originally known as Hog's Hollow.

Detroit was home to the world's first traffic light (Woodward and Grand Ave., 1915) and urban freeway (The Davidson, 1942).

Southfield is home the world's first shopping mall (Northland Mall, 1952).

Detroit telephone customers were the first in the world to have numbers assigned (1870).

Did You Know?

Ovarian cancer strikes over 22,000 women in the United States each year, and over 15,000 will die from the disease each year.

What makes this even more shocking is that ovarian cancer is highly treatable if detected early. However, the ability to do so is difficult due to non-specific symptoms and the lack of available early detection testing.

To find out more how to help change this pattern of ovarian cancer, find more information here:



Upcoming Dates of Interest

09.17.2012	Constitution Day
09.22.2012	Autumnal Equinox
09.25/26.2012	Yom Kippur
09.28.2012	Native American Day
10.08.2012	Columbus Day
10.08.2012	Thanksgiving Day (Canada)
10.08.2012	National Children's Day
10.09.2012	Leif Erikson Day
10.16.2012	National Boss' Day
10.20.2012	Sweetest Day
10.24.2012	United Nations Day
10.26.2012	Eid al-Adha
10.28.2012	Mother-in-Law Day
10.31.2012	Halloween

What's on Your Mind?

Wait, there was a contest last month?

Most of you got to page four of last month's newsletter and saw a blank page. However, one of you did not. One of you saw through the illusion and found the link that sent you online to find the contest. And one of you answered all the questions you found there correctly, and that one person was victorious. This one person was **Katie Thayer**. What were the questions she had to answer, you ask? Look below (Katie's answers are after each question):

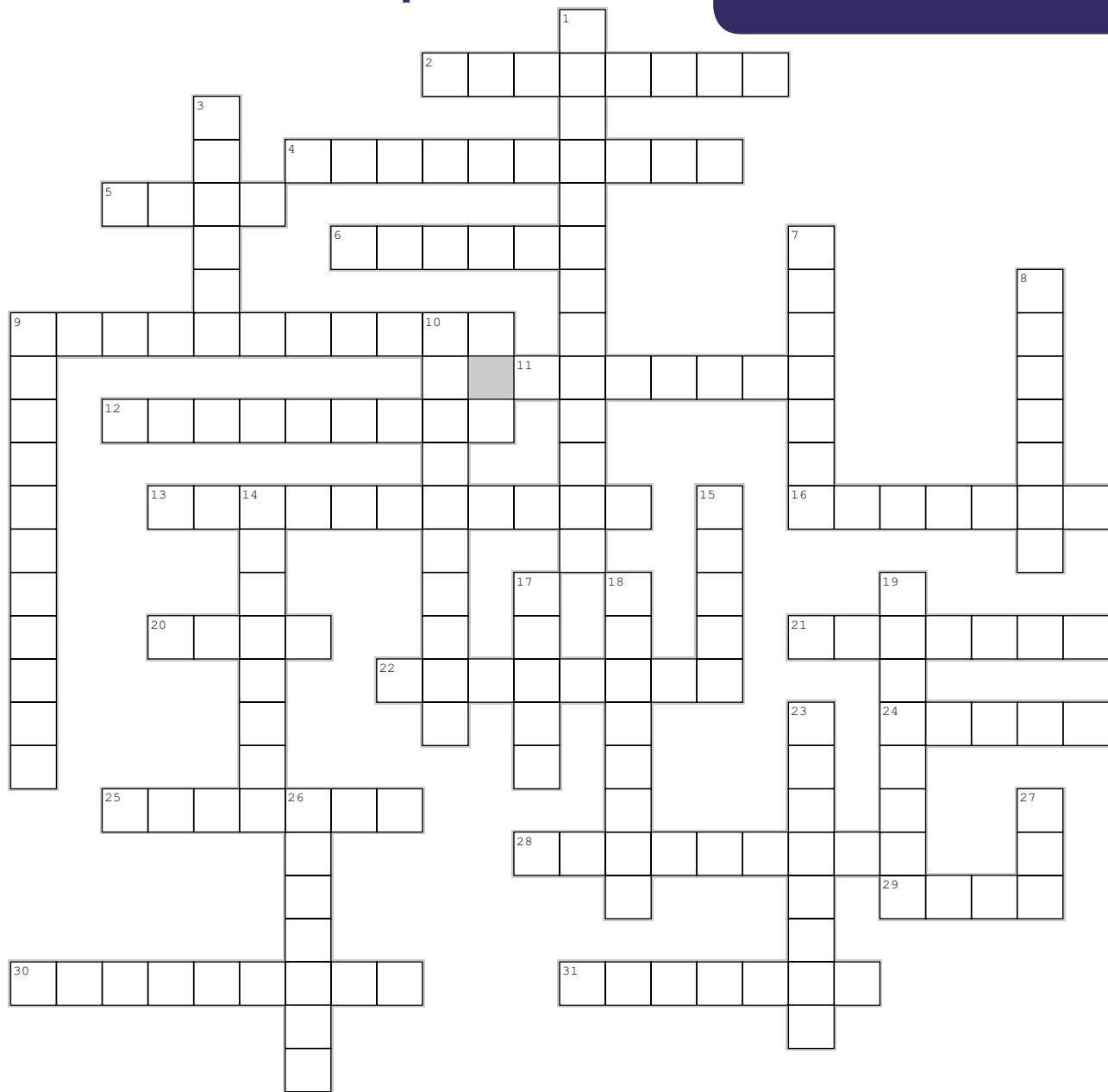
1. What is the diameter of Earth's moon, in meters? **2159 miles**
2. Even though it's sort of crazy, who sings about wanting someone to call them, maybe? **Carly Rae Jepsen**
3. How many hot dogs did the 2013 Fourth of July Hot Dog Eating Contest winner, Joey Chestnut, eat to win his sixth straight title? **68**
4. Which book popularized the phrase, "There ain't no such thing as a free lunch"? **The Moon is a Harsh Mistress**
5. Give me a Shakespeare work that starts with the letter M. **Much Ado About Nothing**
6. What was the name of Tina Turner's character in the seminal Australian action film, *Mad Max Beyond Thunderdome*? **Aunty Entity**
7. Who's Your Tiger? **Justin Verlander**
8. What is a #10 at Jimmy John's? **Hunter's Club Sandwich**
9. What is a covalent bond? **A chemical bond that involves sharing a pair of electrons between atoms in a molecule.**
10. I can't think of a good 10th question. Can you think of one? **What is the Mirror of Erised?**

Since Brandon could not answer Katie's question (since he has never seen or read anything to do with Harry Potter), Katie was deemed the winner of the contest, and won some great summer grilling accessories. For your chance to win a prize of your own, take a look at this month's contest on page four. Congrats Katie!

Have you become a fan of the Department's Facebook page yet? If not, do so here:
<http://www.facebook.com/wsuneurosurgery>

On the Brain for September

Difficulty Level =Elementary



Across

- | | | | | | |
|-----|----|-----|----|-----|----|
| 2. | F | 12. | Am | 24. | Rn |
| 4. | Pm | 13. | Lv | 25. | Bi |
| 5. | Au | 16. | Y | 28. | Mn |
| 6. | Ag | 20. | Pb | 29. | Ne |
| 9. | Cn | 21. | Kr | 30. | K |
| 11. | As | 22. | W | 31. | Li |

Down

- | | | | | | |
|-----|-----|-----|----|-----|----|
| 1. | Rf | 14. | V | 26. | U |
| 3. | S | 15. | B | 27. | Sn |
| 7. | Hg | 17. | Ar | | |
| 8. | Ga | 18. | Sb | | |
| 9. | Cf | 19. | H | | |
| 10. | Uuo | 23. | Lu | | |

As always, the first person to return a correct entry to Brandon will be the winner. Good luck!