

FoldIt! Protein, DNA, and Origami of Life at University of Washington Center for Game Science

Grades 9-12th as of June 2014

Developed by UW Department of Biochemistry, the Foldit online video game and UW Center for Game Science join students to illuminate functional elements of specialized proteins, and well, solve puzzles. The game is to fold as well as possible, using amino acid chemical mechanisms to make it work – or not - but what are those?

Session Number	Dates	Early Bird Discount*	NWABR Member	All Other (Non-Member)
1 - Protein Foldit! - UW	7/7 -7/11/14	\$525.00*	\$575.00	\$615.00
2 - Protein Foldit! - UW	7/14 -7/18/14	\$525.00*	\$575.00	\$615.00
3 - Protein Foldit! - UW	7/21 -7/25/14	\$525.00*	\$575.00	\$615.00
4 - Protein Foldit! - UW	7/28 -8/1/14	\$525.00*	\$575.00	\$615.00
5 - Protein Foldit! - UW	8/4 -8/8/14	\$525.00*	\$575.00	\$615.00
6 - Protein Foldit! - UW	8/11 -8/15/14	\$525.00*	\$575.00	\$615.00

*Early Bird Discount available to NWABR Members until April 30, 2014

Do It Yourself Lab with Neuroscience – with Hive Bio and CSNE at Hive Bio, Talaris Conference Center

Grades 9 -12th as of June 2014

Campers use Hive Bio lab facilities to experience sheep brain dissection, neuroscience and digital microscopy and apply scientific methods. Hive Bio creates an immersion in what it's like to be a professional scientist, have your own office (yes!) and inspires young scientists with the thrill of discovery.

In addition, on Fridays students will learn about neurological disorders, and about the connection between neuro-impulses and action, harnessing the activation energy in their muscles to compete in the WrestleBrainia 3000, a robotic arm wrestling device controlled through EMG electrodes, or donning an Emotiv cap to control a computer icon using only their thoughts.

Session Number	Dates	Early Bird Discount*	NWABR Member	All Other (Non-Member)
1 - Do It Yourself Lab w/ Neuro	7/7 -7/11/14	\$500.00*	\$550.00	\$590.00
2 - Do It Yourself Lab w/ Neuro	7/14 -7/18/14	\$500.00*	\$550.00	\$590.00
3 - Do It Yourself Lab w/ Neuro	7/21 -7/25/14	\$500.00*	\$550.00	\$590.00
4 - Do It Yourself Lab w/ Neuro	7/28 -8/1/14	\$500.00*	\$550.00	\$590.00
5 - Do It Yourself Lab w/ Neuro	8/4 -8/8/14	\$500.00*	\$550.00	\$590.00
6 - Do It Yourself Lab w/ Neuro	8/11 -8/15/14	\$500.00*	\$550.00	\$590.00

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Camp Facts

Camp BLOmed Mission

Our goal is to inspire students entering grades 9th -12th to consider a career in biomedicine, biotechnology or bioengineering through immersion in the biomedical research community.

Camp Hours

All camp sessions run Monday thru Friday, 9 a.m. - 3 p.m.

Culminating Expo

- Each Friday at 4 p.m., for friends and family
Special thanks to our host, Puget Sound Blood Research Center. Everyone is invited to view hands-on results developed by participants, who apply their new skills to real life problems.

Camp Sessions:

- Do It Yourself Lab: Lab journal presentation and demo of lab equipment created.
- Foldit! Protein, DNA and Origami of Life: Foldit! demo with poster session or journal.

Registration

You can now register for Camp BLOmed online at www.nwabr.org/campbiomed

Financial Assistance

No child is ever denied participation at Camp BLOmed because of an inability to pay. Financial assistance applications are available at www.nwabr.org/campbiomed or by calling 206-957-3337.

Presented by:

NWABR
Northwest Association for Biomedical Research

www.nwabr.org/campbiomed

For more information or questions, contact us at:

206-957-3337 camp@nwabr.org