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Undergrads inspired by ability to do research

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Brad Denby (left) and Morgan Sturgeon being interviewed by Segue for Aldealmo Romero Jr.

"Dr. McKinney, being a computer sci- ence professor, and I, having a minor in computer science, we wanted to take the algorithm and research it so it could be applied to a wider range of problems and the research program was sort of a perfect fit for that.

On the other hand, worked on biological problems under Faith Liebl, a professor in the department of biological sciences. "She is interested in problems of cytogenetics, which are occurs in your common nervous system. They are really important for learning and memory. The faster the signals go, the more you learn. Also with a lot of degenerative diseases, like Alzheimer's, they find that there is a deficiency in glia- mate receptors," Sturgeon explained. "So parallel programming and parallel comput- ing is very important. They are easy to use, easy to dissemble, and you can use a lot of experimental on them.

For that study, Sturgeon used the fruit fly by their "neuro-muscular junction, where their nerve sends a message to their glia- matel receptors just like the central nerv- ous system in humans and their glia- mate receptor proteins are 95 percent sim- ilar to ours." So it "makes it the perfect model system. These are really easy to use, easy to disassemble, and you can use a lot of exper- imental on them.

The grant was really utilized what is called parallel computing. It is something that has gotten more and more popular lately, because one way you can use parallel computing is in your computer with a special chip, video cards and graphics processor hardware for that purpose. To do parallel processing.

They said that the engineers, of course, companies have been sort of waging it up to that and how those special video cards and graphics processors can be used for things other than videos and graphics. They are getting, to do problems and to do scientific comput- ing. So parallel programming and parallel comput- ing has gotten a lot of buzz," Denby said. "The algorithm that we were implementing just happens to be really well suited to use if you program it in a parallel manner.

"So if both Staff Sgt. and Staff Sgt. end up becoming college prophets, then they will be able to teach other students a very important component is research and education.

"When students get into research a lot of kids are afraid of it, they are afraid of it, not for me it was just kind of natural, when I was in high school I saw that you can discover that that would be a good way to learn.

"If I were trying to get undergraduates interested in research it would be for that I am supportive and he realized that research doesn't often turn out the way that you would expect," said Denby, "so you need to have that kind of support when you get started and if it may not turn out the way you originally thought about it, but you think you're still going to learn a lot.

Aldeadmo Romero Jr. is the Dean of the School of Education Southern Illinois University Edwardsville. The school had a ceremony on Saturday, May 17, 2014 on WSEF. He can be reached at College_Arts_Sciences@siue.edu.

Jann Sullivan pores through a scrapbook spread full of photos, certificates and newspaper cut- outs honoring her husband, Max, for his Silver Star award.

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"The change that a number of city staff now will coordinate expens- ing to save money," Staff Sgt. Campbell said. When asked how long he will be home, Staff Sgt. Campbell responded: "I'm hoping that with the 'Movies in the Park,' the city and our Farmers Market, the city and our parks, the city and our facilities, there will be a lot of events and sights, which I think I will be more responsible to find qualified applicants from the community," Krause said.

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