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# Feds fund neuroimaging

Grants and donations will give researchers the means to bring new light to an array of brain functions and disfunctions

**Jody Burruss**  
 Environment/Science/Technology Reporter

The University is quickly making a name for itself in its efforts to propel research advancements in neuroimaging, thanks to federal grants and donations.

With a brand new office and better research capabilities at a new location, the University's neuroimaging program has built an infrastructure that allows for cross-leveraging between its two centers.

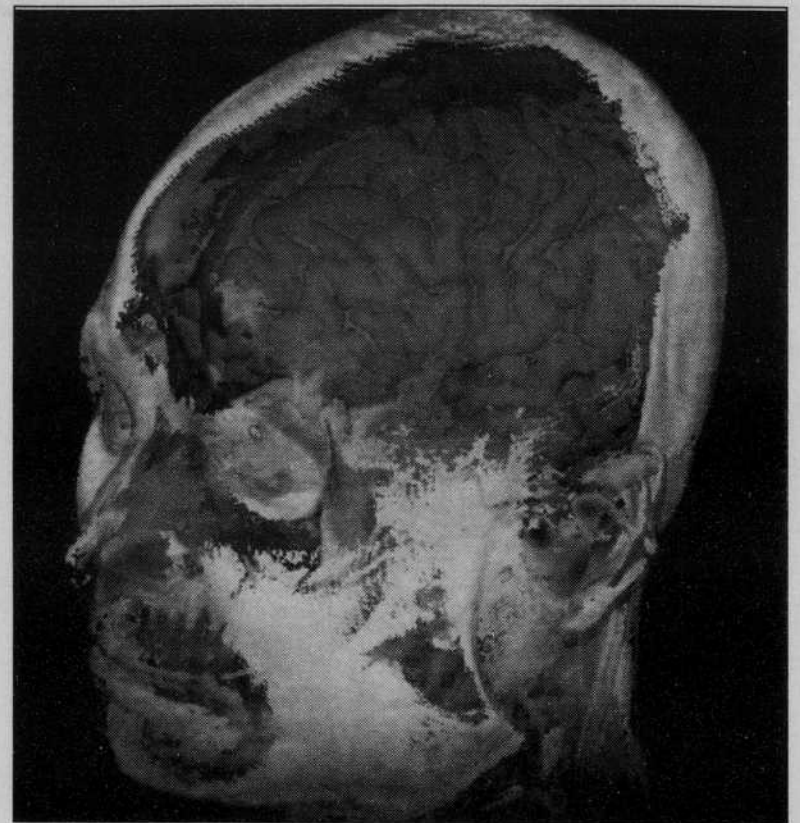
Funded by the Brain, Biology and Machine Initiative, which is aimed at bringing together collaborative research, the Neuroinformatics Center will be up and running this week at the Riverfront Research Park. The Neuroinformatics Center will then work with researchers from the Robert and Beverly Lewis Center for Neuroimaging, which was dedicated Oct. 14.

"Individuals have a great deal of control over how they see the world," Assistant Professor of Psychology Ed Awh said in explanation of the field of neuroimaging.

And now, University professors will have a better understanding of why people see what they do.

The Neuroinformatics Center will work to combine computational science with neuroscience by building computational models of the brain and head to analyze data. This will allow researchers to better understand the health of the brain and how it functions, Center Director Allen Malony said.

The neuroimaging center is home to a high-powered, research-grade



Courtesy photo

This brain scan was taken by the fMRI machine at the Robert and Beverly Lewis Center for Neuroimaging neurographics lab.

functional magnetic resonance imaging (fMRI) machine. The machine is the only one of its kind in the Pacific Northwest used strictly for research, psychology Assistant Professor Paul Dassonville said.

Similar machines are used in hospitals but are only used for research at night. Having unlimited access on campus now gives the University vast amounts of time to conduct research.

The machine provides one of the best ways to look at how the brain

works in relation to thought and behavior, Nunnally said.

The machine will also help researchers learn how the brain decides what information to filter out, and why some people are unable to filter out information — such as those with Attention Deficit Disorder, Awh added.

The machine may also uncover the reasons why the brain, changing with age, loses cognitive functions.

"We know certain parts of the Turn to **FMRI**, page 5

## Crime Watch

### Theft and Recoveries

- Monday, Oct. 21, 6:05 p.m.:** Bike reported stolen from Knight Library.
- Wednesday, Oct. 23, 4:04 p.m.:** Bike reported stolen from McKenzie Hall.
- Friday, Oct. 25, 8:22 a.m.:** Bike reported stolen from Spencer View Apartments.
- Friday, Oct. 25, 10:04 a.m.:** Bike reported stolen from Knight Library.
- Saturday, Oct. 26, 9:15 p.m.:** Property found at Autzen Stadium.
- Sunday, Oct. 27, 9:52 a.m.:** Purse reported stolen from Riley Hall.
- Sunday, Oct. 27, 11:15 a.m.:** Property reported stolen from School of Music.
- Sunday, Oct. 27, 4:45 p.m.:** Bike reported stolen from Bean Complex.

### Disorderly Conduct

- Wednesday, Oct. 23, 8:14**

**p.m.:** DPS received a report of disorderly subjects at H.P. Barnhart.

**Saturday, Oct. 26, 12:02 a.m.:** DPS received a noise complaint from Walton Complex.

**Saturday, Oct. 26, 8:50 p.m.:** DPS received a report of bottle rockets near Millrace Studio.

**Saturday, Oct. 26, 9:28 p.m.:** DPS received a report of a fight in a Designated Driver Shuttle van at East 19th Avenue and Agate Street.

### Drugs and Alcohol

**Thursday, Oct. 24, 12:31 a.m.:** DPS received a report of subjects with marijuana at Bean.

**Thursday, Oct. 24, 9:59 p.m.:** DPS received a report of subject with alcohol at Hamilton Complex.

**Friday, Oct. 25, 12:34 a.m.:** DPS received a report of intoxicated subject at Bean.

**Friday, Oct. 25, 1:00 a.m.:** DPS received a report of intoxicated subject at Walton.

**Friday, Oct. 25, 10:37 p.m.:** DPS received a report of

subject with alcohol poisoning at Hamilton.

**Saturday, Oct. 26, 12:23 p.m.:** DPS approached subject with open container at Autzen.

**Sunday, Oct. 27, 1:49 a.m.:** DPS received a report of intoxicated subject at East 13th Avenue.

**Sunday, Oct. 27, 11:53 p.m.:** DPS received a report of subjects with marijuana at Hamilton.

### Other

**Saturday, Oct. 26, 9:30 a.m.:** DPS received a report of students with false identification cards at Autzen.

**Saturday, Oct. 26, 12:06 p.m.:** DPS received a report of subjects with counterfeit football tickets at Autzen.

**Saturday, Oct. 26, 2:23 p.m.:** DPS received a report of subject with rifle at Kincaid Street.

**Sunday, Oct. 27, 12:55 a.m.:** DPS received a report of subject urinating in public at Prince Lucien Campbell Hall.

**Sunday, Oct. 27, 1:12 a.m.:** DPS received a report of subjects having sexual intercourse near McKenzie.

## Oregon Daily Emerald

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