

# VCAPP RECAP

Keeping in touch with the Department of Veterinary and Comparative Anatomy, Pharmacology and Physiology  
April 2006 (Spring Semester)

## VCAPP: Ever growing, ever changing

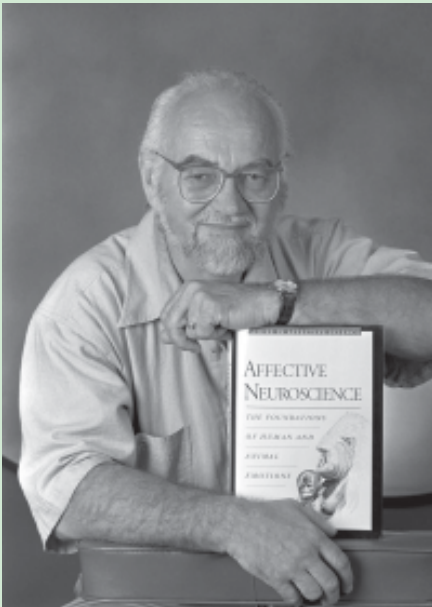
**V**CAPP, like all dynamic families, continues to change and expand as new members come and go, leaving their mark on the ever-evolving departmental history.

**Jonathan Danaraj**, who has a new appointment with Anita Vasavada and David Lin, hails from Redmond, Washington. He graduated in 2003

with a B.S. in Biology from WSU. Following his graduation, he managed the cadaver laboratory for the WWAMI program in Morrill Hall for one year, teaching gross anatomy to first-year medical students and undergraduate pre-professional healthcare students. After that appointment, he earned his master's degree in Biotechnology at WSU in 2005. He began working for VCAPP the fall of 2005. Jonathan's wife Amanda Danaraj worked for

the YMCA of WSU last year directing the After School Age program for elementary children, but she resigned that position with the birth of the couple's daughter, Madilyn Danaraj on October 29. The couple enjoys raising their daughter tremendously and state that they feel very lucky to have a healthy baby girl. When they are not parenting, which requires most

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## Jaak Panksepp named Endowed Chair

**D**r. Jaak Panksepp joined the department of VCAPP and the CVM as Endowed Chair of Animal Well-Being Science in January of this year. After months of searching, the committee felt Jaak was a perfect fit for this prestigious position, and since arriving, Jaak has been proving them correct.

Jaak has a long and enviable career in research and science. He is the founder of the now rapidly expanding scientific specialty called *Affective Neuroscience*. His research interests are devoted to understanding the basic brain mechanisms that allow organisms to have various affective feelings, especially emotional ones that are important for understanding psychiatric disorders in both humans and other animals. His research focuses on the instinctual emotional behaviors of animals, while accepting the importance of experienced lives in understanding what brains really do.

However, as well as being a renowned scientist, Jaak is also a wonderful human being. He has a large community of friends worldwide and travels extensively, mostly for speaking engagements, but this travel also gives him a chance to keep in touch with these many colleagues.

Jaak once enjoyed such activities as wind surfing and ocean diving, but age and illness can change a regular routine. He and wife, Dr. Anesa Miller, still love to hike; they attend plays, concerts and other cultural events. One of the main avenues Jaak pursued in recent years was the *Foundation for Lost Children*, of which he was director. It was an outreach of the heart, married to neuroscience, in an effort help children with neurological disorders, such as autism.

He believes we can study emotion and emotional influences through animals. One colleague recently contacted him, hoping to win his collaboration on a project to study facial expression in dogs. "Some might find this pursuit strange," he said, "but if we can't learn from animals, where can we go for this knowledge?"

Jaak has suffered personal tragedy and ill health, but he manages to keep a positive outlook on life and what can be accomplished. "I just want to change the world." He smiles as he says this, but it may not be so far fetched. (You can learn more about Dr. Panksepp and his accomplishments in science at <http://www.vetmed.wsu.edu/depts-vcapp/Panksepp-endowed.asp>)

their time, they enjoy running, bike riding, and hiking, anything outdoors.

**Jim Peters** began work as postdoc in the labs of Steve Simasko and Bob Ritter following his December graduation. He will be leaving the end of May to accept a postdoctoral position in Portland, OR at the Oregon Health and Sciences University (OHSU) with Dr. Michael Andersen.

**Nicholas King** grew up in Renton, Washington and is a WSU graduate with a degree in biochemistry. Following his graduation, he worked in the VCAPP department for two years. Then he and his wife, Kimberly, became Peace Corps Volunteers. He served in the West African country Cape Verde—archipelagos of nine inhabited islands 350 miles off the coast of Senegal in the Atlantic. There he worked at an inner-city high school as an English teacher and taught an English for specific purposes course at the teacher's college. He also organized, set up, and ran an English library at the teacher's college. Nick and his wife returned to the US in January and moved back to Pullman in February. Nick is currently working as a research associate with Henk Granzier.

**Jamie Anson** earned a BS in Neuroscience and a BA in English, both at WSU. He participated in the WSU Honors Exchange to the University of Wales Swansea last year, completing his second degree in English there. He traveled to 12 different countries last year, including a visit with his brother at his Medical School in Israel for Easter. He enjoys writing, and literature in addition to studying the brain. Jamie completed his undergraduate honors thesis under Bob Ritter. It was entitled "Feeding in response to site-selective antagonists of hindbrain NMDA receptors." He is continuing his work with Dr. Ritter. His summer plans include a trip to Costa Rica and Guatemala to learn Spanish.

**Tiffany Pecor** has been a Research Associate in Dr. Henk Granzier's laboratory since January. She was born in Texas, but raised in Leavenworth, WA. Tiffany has an AS from Wenatchee Valley College and a BS in Genetics and Cell Biology, as well as a BS in Biotechnology; both are from Washington State University. She has two dogs, Sweetie and Godiva, as well as one cat, Candidus. She tries to spend as much time with her animals as life permits.

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## Wenji Dong joins Bioengineering group

Wenji Dong joined the department of VCAPP and Bioengineering this past January and he has already formed collaboration with Murali Chandra and has potential collaborations with other faculty members of cardiovascular research groups, material engineering and bioengineering.

Wenji's research is multi-disciplinary involving cardio biology, protein engineering, fluorescence techniques, muscle mechanics, computer modeling, nanoscale engineering and sensor design. Specifically, he tries to understand the  $Ca^{2+}$  regulatory mechanism of cardiac myofilament in healthy and diseased hearts and to develop a sensing system to detect cardiac biomarkers for heart failure process.

Wenji comes from Birmingham, Alabama, where he was a Research Assistant Professor. His wife Kay is still residing in Alabama for the time being (they have a home they need to sell). They have two daughters, both in college. Lulu is attending the University of Alabama and the younger daughter, Catherine, attends Emory.

One reason Wenji accepted this VCAPP/Bioengineering position (his appointment is half in each discipline) is because he loves fishing. He says his wife also enjoys hiking, so they have picked the perfect spot to pursue his tenure-track research appointment and the good life. We wish him much success (both with research AND fishing) and hope he enjoys his years at WSU.



**Jayant James Jayasundar**, who arrived at VCAPP March 1, received his masters degree in Physics from the University of Madras and went on to complete an M.Phil in Crystallography and Biophysics from the same university. He joined the Centre for Biotechnology, Anna University in 1999 and completed his Ph.D in biophysics in December 2005. The title of his Ph.D thesis was 'Studies on Molecular Dynamics Simulations of Lipases'. During the course of his Ph.D he also gained much experience in screening microorganisms for lipase production. He was involved in lipase production and purification from *Schizophyllum commune* (wood rot fungi) which he had isolated from a fallen tamarind tree in Anna University, Madras INDIA. He is currently working with Dr. Wenji Dong as a postdoc in the Department of VCAPP, working in MD simulations and FRET studies of cardiac muscle

proteins. Jayant is single, and a lively person to talk with. He arrived only March 1 and is still getting to know his surroundings and the people of this department, but he has a love for the outdoor life, especially walking in the woods. Jayant also is a musician and says he would love to play the guitar (or the drums) while the rest of us sing along to his accompaniment.

Other new employees have also joined VCAPP in recent months.

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## Celeste McCormick added to staff

Celeste McCormick, a delightful new addition to the VCAPP staff, enjoyed an almost fairytale-like childhood. Growing up on a farm in New Zealand that was only half an hour from the large city of Auckland, Celeste readily admits in her charming accent that it was "the best of both worlds." Celeste's father, who ran all sorts of dry stock on his farm, had a special fondness for horses and has since become a sought-after thoroughbred race trainer in New Zealand. Her husband, Dave, a licensed veterinarian, also was privileged to be one of the consulting vets for the horses used in the movie *Lord of the Rings*.

Celeste took pleasure in her time working toward her B.A. in English and Linguistics, while her future husband, whom she met "at university," always burned the midnight oil, struggling toward his veterinary degree. Loving the water also came naturally to Celeste; her home was only 10 minutes from the beach. She competed in New Zealand triathlon events and still loves all water sports, as well as reading and photography.

Following college graduation, Celeste returned for some additional radio announcement training, and following completion of that program, she worked as a radio announcer. Her performances consisted of a duo-host show featuring contemporary music and another hour show on a talk-net station where she conducted interviews with local celebrities, including mayors, prime ministers and other interesting personalities.

Not being one to let grass grow under her feet, she returned to college yet again for training as a high school teacher. After obtaining her certification, she taught English and Media Studies during her "second career." She enjoyed teaching and misses the students, but she did not like some of the other aspects and the politics involved in teaching, so once again, Celeste reversed directions and went back to work for a radio company, this time as an administrator and voice-over actress.

Husband Dave applied to complete a surgical residency in the Comparative Orthopedic Research Laboratory (working with small animals) here at Washington State, and that is what brought the young couple to Pullman. Their future plans, whether to return to their homeland or remain in the U.S., will depend on what career offers Dr. McCormick receives when he completes his residency.

Celeste's VCAPP assignment is with Sandi Brabb and Pam Colbert in the undergraduate neuroscience program. Her expertise and quick wit have been a welcomed asset to VCAPP's ever-growing undergraduate neuroscience program.



**Joel Lovinger** joined **Dave Rector's** lab as a Research Associate March 27.

Joining **Henk Granzier's** lab are **Qing Wang** (**AJ Li's** wife in **Sue Ritter's** lab) on October 31, **Hideto Fukushima** began November 1<sup>st</sup> as a postdoc, and the most recent addition to the Granzier lab is **Na Du** who began work on April 1 as Research Associate.

**Xuejun Duan** arrived April 17 to work as a Post Doc with **Wenji Dong**.

**Simon Evers**, Research Associate with **Bob Ritter** arrived April 17 from the Netherlands.

**Anna Sergeeva** began work as a Research Associate with **Heiko Jansen** in early February.

### **Promotions**

**Kyoko Nakajima** began working recently as a permanent employee of the office financial staff. She is a new fiscal technician. Prior to this she had worked as a time-slip employee for the department. Kyoko was such a great asset and had so much valuable knowledge in the office that the department decided to make her permanent. **Mary Reiff** was also promoted for her longtime work with our finances. Mary promoted from Fiscal Tech to Fiscal Specialist. **Celeste McCormick** also joined the VCAPP staff (see related story, page 3).

### **Changes and Departures**

**Rebecca Larsen** began in August as our new office assistant working with Sandi Brabb and Pam Colbert. She was only here until December (following her wedding and WSU graduation) and since has been replaced by Celeste McCormick (see related story).

Other changes/departures in the department include:

**Kasey Schertenleib** (Lin/Vasavada lab) left in September for a job in CAHNRS.

In September, **Christi Pedrow** changed her position from the S. Ritter lab to the Rector lab.

**Michael Wiater** began working with Steve Simasko in November. He had worked with Sue Ritter prior to that change. **Shannon Lawson** also left Sue Ritter's lab in November.

**Honghui Zhou** left Henk Granzier's lab November the 7th.

**Chi Fong** will be leaving in mid-May for graduate school, and **Yiming Wu** will also be leaving in mid-May to accept a post as a first year resident in an internal medicine department.

**Matt Tschirgi** will be leaving in July for graduate school.

### **Coming soon**

**Paolo Iacobucci** will arrive May 1 to work with Jaak Panksepp as a Research Associate.

**Michael Gotthardt** will be back for a week or so to work with Henk Granzier in May. **Janos Gardi** will also be here for a month in June to work with Jim Krueger.

**Jason Dobry** will begin in May as a research associate in Murali Chandra's lab—he'll be taking over Matt's Tschirgi's duties.

**Anne-Margreet Knottnerus** arrives June 1 to work with Anita Vasavada as a Post Doc.

**Coen Ottenheijm** also arrives June 1 to work as a postdoctoral fellow with Henk Granzier

**Thomas Fuchs** arrives May 1 as Post Doc with Jaak Panksepp.

**Yan Dong**, who has been hired after an exhaustive search to fill the position vacated by Bob Speth in Pharmacology, will arrive June 1. He will be an Assistant Professor in the department.

Welcome and good luck to all.

### **Still searching**

Positions still need to be filled in the department. These include postdocs for both David Rector and Jim Krueger, and Research Associates for both Henk Granzier and Yan Dong.

**SCAVMA HOURS**  
**Mondays 12-3 p.m.**  
**Wednesdays 3-6 p.m.**  
**Saturdays 9 am-1 pm**

## Biannual VCAPP/U of I Retreat approaching

The Biannual VCAPP/University of Idaho Science Retreat, "Excitable Cells and Systems," scheduled for May 16-17, 2006 at Camp Lutherhaven, is close at hand.

Registration for the retreat will close on Wednesday, April 19th. Faculty members are asked to

encourage their students and all research staff to attend the retreat. Also, any collaborators that anyone feels would benefit should be invited. However, organizers must have a complete list of attendees by this week.

The lodging and food costs will be covered, and this event promises to be as great as last time! Hopefully even better, if that is possible.

Organizers encourage as many people as possible/willing to present a poster of their work. Please send your poster title, presenter name and PI name (if different) to David Rector at [rector@vetmed.wsu.edu](mailto:rector@vetmed.wsu.edu) by April 19th (today!).

Also, if you would like to present a slide at the "Data Blitz", please send the title of your slide, presenter name and PI name (if different) to

[director@vetmed.wsu.edu](mailto:director@vetmed.wsu.edu) by April 19th. During the Data Blitz, you will have one minute to present the data on your slide and say something about your work.

Lastly, if you are an undergraduate or graduate student attending the retreat, please sign up with Chris Davis or Lynn Churchill to compete in the "Memory Jeopardy" the evening of the 16th. A fabulous prize will be awarded to the winner. (Faculty, if you have some good answers about memory to include in the game, please pass them on to Chris Davis).

### Retreat Schedule:

#### **May 16th**

4-5pm - Arrive/Check in

5:30 - Dinner

7:00 - Welcome

Bryan Slinker / Retreat Committee

7:15 - Data Blitz

8:15 - Poster Session / Wine and Cheese 10pm - Memory Jeopardy!

#### **May 17th**

7-8am - Optional Activities

8:30 - Breakfast

9:45 - Thematic Session I - Muscle Systems  
Organized by Henk Granzier

10:45 - Break

11:00 - Thematic Session II - Addiction  
Organized by Mike Morgan

12:30 - Lunch and Optional Activities

2:00 - Plenary Session

Prof. William Zagotta

3:00 - Depart/Check out

After Checkout, people are welcome to stay and chat and/or hike, enjoy the area, etc.

See you there!

**Congratulations!**

**Amanda Foust** (David Rector's Student) was awarded first place in the recent FASR scholarship award competition and received a \$400 scholarship Wednesday, April 12 at the Lewis Alumni Foundation Center award ceremony. **Cora Fix** (Lynn Churchill's student) was also a winner in this scholarship competition, receiving 3<sup>rd</sup> place and a \$100 scholarship. The girls are both undergraduates and won these excellence in research scholarships from among 50 other nominees.

**Cora Fix** also had her abstract, "The Number of Tumor Necrosis Factor-Immunoreactive Cells Increases in Layer IV of the Barrel Field in Response to Whisker Deflection in Rats" selected for a 10-minute Oral Presentation at the SLEEP 2006 20th Anniversary Meeting of the Associated Professional Sleep Societies, LLC, June 17-22, 2006 in Salt Lake City, Utah. Her presentation will be part of the session entitled "Neuronal Mechanisms Of Homeostasis," on June 22, 2006. In addition, her abstract will be published in a special issue of the journal "Sleep." According to Jim Krueger, it is a real honor for an undergraduate to be selected to present an abstract orally at a meeting of 5,000 MD's/PhD's. This abstract is the subject of her honor's thesis.

**Sarah Hall**, who is working with **Lynn Churchill**, received the Neuroscience Sleep scholarship to attend the Salt Lake City meeting of the Sleep Research Society in Utah in June.

**Stewart Bohnet** has been awarded \$500 from the VCAPP Staff Devel-



**Joey Haynes**



**Lindsay Fry**

**Neuroscience undergraduates to be honored at graduation**

**Joey Haynes** and **Lindsay Fry**, Neuroscience undergraduate students, will both be recognized during the 3 p.m. graduation ceremony this May. Joey has the highest GPA in the graduating class (Summa Cum Laude) and will carry the CVM Flag in the commencement processional.

Lindsay Fry was selected to be the college's highlight student at commencement. Lindsay fully embraced her pursuit of a higher education from her first day on campus. As a freshman, she joined the laboratory of Dr. David Schneider, a neuroscientist who researches the enteric nervous system. The summer after freshman year, Lindsay was awarded a fellowship from the WSU Alcohol and Drug Abuse Program, which allowed her to continue her research in Dr. Schneider's lab. Lindsay feels her early experience with research proved invaluable as it opened many doors for her. At the end of her sophomore year, she was pre-admitted into the WSU Doctor of Veterinary Medicine Program and also received a prestigious Department of Homeland Security Scholarship and Internship that allowed her to spend the summer after her junior year at the Plum Island Animal Disease Center in New York studying Foot and Mouth Disease virus vaccines. This past school year, Lindsay simultaneously completed her senior year of undergraduate coursework and her first year in the professional veterinary school program. She plans to pursue both the DVM and PhD degrees.

opment Fund to attend the APSS Conference in June. The Staff Development Fund is created from faculty and staff donations earmarked especially for the development and/or enrichment training of VCAPP staff members. All staff members are eligible and encouraged to apply for these awards.

**Carlene Emerson** and **Robert Kirkpatrick** from VCAPP are new

members to the Quarter Century Club at Washington State University. The 73<sup>rd</sup> Annual Quarter Century Club breakfast will be Tuesday, April 25 at the Compton Union Building Ballroom. This year the club will recognize 1,675 years of service as 67 new members will be inducted during the breakfast after having 25 years of service to WSU.

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**Jim Krueger**, always a spotlight character, was interviewed recently by KLEW's morning program. The interview was shown Feb. 6 and again on Feb 7. Jim Krueger, **Greg Belenky**, **Lynn Churchill**, **David Rector** (and their work) also were featured in the Spring 2006 Washington State Magazine (pages 36-43.)

A healthy baby boy was born to the **David Lin/Anita Vasavada** family Wednesday, August 24. **Vijay Nicholas Lin** was born at 12:48 pm. He weighed 5 lbs 10 oz and was 19 inches long.



David Lin/Anita Vasavada family with new baby Vijay Nicholas



Vijay Nicholas Lin

**Kathleen Carter** successfully defended her Master of Science in the Neuroscience Program on Tuesday, September 6, 2005. Her dissertation was

entitled "Repeated Cocaine Effects on Learning and Memory in the Pond Snail *Lymnaea stagnalis*." Kathleen's major advisor is Dr. **Barbara Sorg**.

**Patrick Wilson** was named one of the Newbrey Teaching Scholars for 2005. The designation of "Newbrey Teaching Scholar" is awarded for excellence in teaching during the first 3 years of the veterinary curriculum. It is awarded to faculty who, according to the CVM's standardized student evaluations, score in the top 20 percentile of the college on the query "Rate the instructor." For consideration as a Newbrey Teaching

Scholar, a faculty member must: {a} teach at least 10% of a course in the core curriculum, (or have at least 6 contact hours), and {b} receive standardized evaluations from at least 50% of the veterinary students enrolled in the course. The Newbrey Scholars are recognized each spring for achievement in the previous calendar year.

Congratulations to three outstanding Neuroscience students - **Felicia Lew**, **Christa Rinehart**, and **Danielle Tulloss**, who were pre-admitted to the DVM program. Once they have completed the remaining prerequisites for vet school, while maintaining a 3.5 gpa, they will be eligible to begin the DVM program in the Fall of 2007.

**Jim Peters** passed his PhD defense December 12 and was accepted as a postdoctoral fellow in **Steve Simasko's** lab. He will be here working with Steve Simasko and Bob Ritter through May, then he will accept a postdoctoral position in Portland, OR at the Oregon Health and Sciences University (OHSU) with Dr. Michael Andresen. In Portland he plans to study the hindbrain control of homeostatic processes using a technique known as electrophysiology.

**Marieke Ruiter** (post doc in **Bob Ritter's** lab) received a fellowship from the Netherlands Organization for Scientific Research (NWO) which begins funding on 5/1/06 and runs for a 2 year period.

**Dave Rector** was recently awarded \$50,000 from the Murdock Foundation.



Tim Harding and baby Kyra

**Joe and Barb Harding** welcomed their very first grand daughter on August 27 in Honolulu, Hawaii. Little Kyra Harding is the daughter of Joe and Barb's son, Tim and his wife Kendra. The new parents are now making their home in Spokane, not *too* far from the doting grandparents!

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**Steve Simasko** and **Bob Ritter** were recently notified by NIH that their new grant had been funded. In this day of tougher reviews and lower funding results, it is always nice to hear that grant success in the department continues.

Nominated for the first annual King/Queen of the Nutcrackers' Ball (Christmas) included some familiar VCAPP faculty names. Although none of ours "won" the title and crown, they had fun in the moment. Nominations included: King—Dr. **Mike Varnum** and Queen—Dr. **Leslie Sprunger** and Dr. **Briedi Gillespie**.

### Jim Krueger earns honorary M.D. degree

Dr. James Kreuger (top photo, far right) is flanked by Dr. Stefan Pollak (far left), Professor of Forensic Medicine at Freiberg University, Freiberg, Germany and Professor Paul F.A. Van Look (center), Obstetrics and Gynecology at the World Health Organization in Geneva, Switzerland.



Photo was taken during the Conferment Ceremony November 29, 2005, wherein Dr. Krueger was awarded the title of Doctor Honoris Causa (honorary M.D.) at the University of Szeged, Dugonics, Hungary.

As part of the award ceremony, Jim Krueger informed audience members about his on-going sleep research (photo middle right).



Jim Krueger donned his regalia (bottom right) to be honored with this degree after his many years of collaboration with (the late) Dr. Ference Obal. Several of Dr. Obal's family members were also present for the ceremony.



### Smiles :)

After being congratulated on receiving his honorary degree (I thought he got an honorary PhD) from the University of Szeged, Hungary, Jim Krueger smiled and said, "Thanks, but it was an honorary M.D. not Ph.D, so if you ever need some honorary surgery, just let me know."

:) :) :) :) :) :

Even fearless leaders make silly errors. An email from Bryan Slinker regarding a message sent to faculty read:

You'll note the word "pastors" in the last email. That's what happens when you mindlessly click the "Change" button when the spell checker hangs up on "postdocs".

:) :) :) :) :) :

email from Jim Krueger to Lauren Poesy:

...Your mission, should you chose it, is to find the instructions for JEM and put the manuscript in appropriate format...then submit it. This email will self destruct within the next 10,000 years and as usual, should anything go wrong, we will deny ever having talked to you.

Cheers,  
J. Krueger

:) :) :) :) :) :

New scientific terms:

Artery:  
the study of paintings.

Bacteria:  
back door to a cafeteria

Nitrates:  
Cheaper than day rates.

Fibula:  
A small lie

Benign: What you'll be after you are eight.

Barium: What you do when someone dies.



## Notes from Becky: Information to keep handy

The University recently changed its shared leave policy so that an employee may only receive shared leave for 90 days. At the end of the 90 days, it's expected the employee will return to work, take leave without pay or access their long-term disability policy (purchased through WSU). In the past, shared leave had been awarded for up to 1 year, so this is a significant reduction.

Some employees purchase long term disability insurance which has a longer wait period than 90 days so that their monthly cost could be reduced. If you have longer than a 90-day wait period, you might want to reconsider your choice. An example: If you have a 6 month wait period and your shared leave, annual leave and sick leave run out before that 6 month period is up, you would have to return to work or go on leave without pay until the 6 month period was exhausted.

Human Resource Services realizes that some employees may end up with problems if they are caring for their family members which would not qualify as a long term disability claim. Possibly more changes will be forthcoming but I wanted you to be aware of the new shared leave change. If you want to change your long term disability wait period, contact Benefit Services, French Ad 232 or <http://www.wsu.edu/benefits/>



### Editor's Corner

#### Reasons why the English language is so hard to learn:

1. The bandage was *wound* around the *wound*.
2. The farm was used to *produce produce*.
3. The dump was so full that it had to *refuse more refuse*.
4. We must *polish* the *Polish* furniture.
5. He could *lead* if he would get the *lead* out.
6. The soldier decided to *desert* his dessert in the *desert*.
7. Since there is no time like the present, he thought it was time to *present* the *present*.
8. A *bass* was painted on the head of the *bass* drum.
9. When shot at, the *dove dove* into the bushes.
10. I did not *object* to the *object*.
11. The insurance was *invalid* for the *invalid*.
12. They were too *close* to the door to *close* it.
13. The buck *does* funny things when the *does* are present.
14. A seamstress and a *sewer* fell down into a *sewer* line.
15. To help with planting, the farmer taught his *sow* to *sow*.
16. The *wind* was too strong to *wind* the sail.
17. After a *number* of injections my jaw got *number*.
18. Upon seeing the *tear* in the painting I shed a *tear*.
19. I had to *subject* the *subject* to a series of tests.

#### Some All-Time Best Oxymorons

Act naturally  
 Found missing  
 Resident alien  
 Advanced BASIC  
 Genuine imitation  
 Airline Food  
 Good grief  
 Same difference  
 Almost exactly  
 Government organization  
 Sanitary landfill  
 Alone together  
 Silent scream  
 Living dead  
 Small crowd  
 Soft rock  
 New classic  
 Sweet sorrow  
 Childproof  
 Synthetic natural gas  
 Passive aggression

#### What's up?

Annual reviews of faculty are in now in progress. These reviews need to be completed as soon as possible. Be sure to get information to **Bea O'Neill** to provide to **Bryan, if you have not done so**. These reviews are mandatory for Washington State University.

Faculty Travel Grants are due to OGRD by May 1.

### Development

Neuro Scholarships of ~\$1000 have been awarded to three undergraduate Neuroscience students: Joey Meyerson (Sophomore), Ryan Byers (incoming Freshman) and Alan Emanuel (incoming Freshman).

Sleep Research Scholarships of ~\$1700 (a one-time award) have been given to Lissette Jimenez (Junior), Joey Meyerson (Sophomore), and Sarah Hall (Freshman). See more details on page 11.

A new Peter A. Zornes Memorial Neuroscience Scholarship (Endowment award) is seeking donations. Once funded, this award will be presented to a junior or senior neuroscience student. Donations are being gratefully accepted.

### Graduate Recruitment

Students accepted: Robert Olsen, Kuna ID (seeking PhD); Xiuju Luo, (currently in Henk Granzier's lab, seeking PhD); Will Clegern (MS w/Belenky); Adie Wilson, Vancouver, WA (PhD w/Mike Morgan).

There are 2 or 3 more students in the wings, but we are waiting for GRE scores and application paperwork and for the committee to meet on these applications.

### Undergrad Recruitment

VCAPP took in two new transfer pre-vet & pre-med students from the March 27 event and expect at least two new students from the April 24 event.

On Saturday, April 15, Dave Rector and undergrads gave a seminar/workshop called *the Amazing Brain* to high school juniors visiting campus. Future Cougars of Color will be presented with the same seminar on April 21-23. Sandi Brabb will be participating in a department fair and scholarship interview of these students. Cathy Ulibarri has volunteered to help with the scholarship interviews.

### Neuro Club Guest Lecturer

Dr. Stan Glantz gave a tobacco addiction lecture Friday, April 14, 1 p.m., CUB Aud. His speech addressed how he helped defeat the tobacco industry and how the tobacco companies are targeting the 18-24 year olds as their primary market. For those who missed it, you missed an entertaining and informative presentation.

### Poster Session

Neuro Poster Session & Senior Recognition Dessert took place Saturday, April 8 (Mom's Weekend). There were 19 undergraduates and one grad student who presented posters at the session. Faculty in attendance included Bryan Slinker, Dave Rector, Bob and Sue Ritter, Jim Krueger and Leslie Sprunger.

This was followed by a recognition dessert when VCAPP recognized their graduating seniors, identified those who will graduate with some kind of honor (81% or 18/22), announced their 06-07 scholarship winners, and announced two of the FASR fellowship winners: senior Amanda Foust - 1st place & \$400 (mentor: Dave Rector), and graduating senior Cora Fix - 3rd Place & \$100 (mentor: Lynn Churchill).

### Graduation

Graduation will be Sat. May 6 @ 3 p.m. Distinction is give to cum laude: 3.5-3.69 gpa; magna cum laude: 3.7-3.89 gpa; Summa cum laude: 3.9-4.9 gpa.

Two Neuroscience graduates with honor cords, but without the above distinction, earned above a 3.4 GPA and may graduate with honors.

Spring 2006 graduates include:

Brandon Alcott - **Honor Cord (cum laude)**

Darius Banks

Kelly Blindheim- **Honor Cord (cum laude)**

Sasha-Lyn Edmonds

Jennifer Erickson - **Honor Cord (magna cum laude)**

Michael Falter - **Honor Cord (magna cum laude)**

Cora Fix- **Honor Cord (cum laude)**

Brynne Freeman- **Honor Cord**

Lindsay Fry - Highlight student- **Honor Cord (summa cum laude - perfect 4.0)**

Justine Gullaba- **Honor Cord**

Joey Haynes - Flag Bearer- **Honor Cord (summa cum laude)**

Russell Hyslop

Bonnie Larson

Mark Leedy- **Honor Cord (magna cum laude)**

Ting Liu- **Honor Cord (magna cum laude)**

Miles Matsen- **Honor Cord (cum laude)**

Crystal Philes- **Honor Cord (cum laude)**

Skye Powell - **Honor Cord (summa cum laude)**

Justin Ripka - **Honor Cord (magna cum laude)**

Bernadette Ronayne- **Honor Cord (cum laude)**

Danielle Tulloss- **Honor Cord (magna cum laude)**

Melissa Wu- **Honor Cord (magna cum laude)**

Graduates eligible for the honors college medal include:

Brynne Freeman, Lindsay M. Fry, Joey Haynes, Bonnie Larson, Crystal Philes, Skye Powell, Justin Ripka, Danielle Tulloss, and Melissa Wu.

Graduates who pass with distinction on university junior writing portfolio include: Brynne Freeman, Lindsay M. Fry, Skye Powell, and Danielle Tulloss

### Week of Welcome

Convocation for next fall will be Friday, Aug 18, 10-11 at the Beasley Coliseum, followed by the all campus picnic at the Mooberry Track & Field. VCAPP's welcome back Ice Cream Social will take place after the picnic. Watch for details.

# Sleep Scholarship News

Students **Lissette Jimminez** (currently in a sleep lab), **Sarah Hall** (currently in a sleep lab) and **Joseph “Joey” Meyerson** (looking for a sleep lab opportunity) have been awarded a sleep research scholarship for the 2006-2007 academic year.

The condition of the award is that the student must work in the sleep research lab next school year. Other criteria include that a student be enrolled for at least 12 credits each semester in courses leading to the Bachelor of Science in Neuroscience, select a sleep research mentor and enroll in at least one credit of Neuro 495 or Neuro 499 each semester during the 2006-2007 academic year, present a sleep research poster at a scientific meeting and present research findings to the Neuroscience Club no later than December 2007, and send a thank you letter to the donors who made this scholarship possible. Students who do not meet these criteria may have their awards withdrawn at any time.

## Who to call...



### VCAPP COMMITTEES as of August 2005

Members of the VCAPP standing committees for 2005-06 include the following. **Chair’s advisory:** Henk Granzier, Joe Harding, Bob Ritter, Steve Simasko and Sandi Brabb; **Space/Resources:** Sue Ritter, Mike Varnum, Barb Sorg, Murali Chandra, Becky Morton; **Graduate Studies:** Steve Simasko, Jim Krueger, Ruth Newberry, Henk Granzier, Sue Ritter, Pam Colbert, Becky Morton; **Graduate Curriculum:** Steve Simasko, Dave Schneider, Barb Sorg, Joe Harding, Pam Colbert, Sandi Brabb; **Undergraduate Curriculum:** Heiko Jansen, David Lin, Dave Rector, Bob Ritter, Joe Harding, Pam Colbert and Sandi Brabb; **Undergrad Student Advising:** Jim Krueger, Dave Schneider, Sandi Brabb, Dave Rector and Pam Colbert; **Neuroscience Program Policy:** Program directors and chairs from Graduate Studies, Graduate Curriculum, Recruitment and Undergrad Curriculum Committees and Bryan Slinker; **Safety:** Darrell Nelson, Sylvie Cloutier, Pam Colbert, Thu Dinh, Mark McNabb; **Library Liaison:** Anita Vasavada; **Pharm-Tox Representative:** Steve Simasko; **IACUC:** Heiko Jansen; **Faculty Senate:** Bryan Slinker; **Grad School:** Steve Simasko; **CVM Dean’s Staff Advisory:** Kathy Kiernan and Melissa Forquer; **Planning:** Sandi Brabb, Gil Burns, Henk Granzier, Jim Krueger, Jay Wright, Barb Sorg, Mike Varnum; **Vivarium** (those from VCAPP): Bryan Slinker, Barb Sorg, Sue Ritter and Becky Morton.

### CVM Committees/VCAPP Members

**Admissions Committee:** Cathy Ulibarri (2006), Mike Varnum (2007); **Animal Resources Committee:** Cathy Ulibarri (Chair, 2008); **Continuing Education Committee:** Marc Ratzlaff (2006); **Curriculum Committee:** Steve Simasko (Chair, 2006), Marc Ratzlaff (2008), Gil Burns (Ex Officio); **Faculty Executive Committee:** Ken Campbell (2007), Joe Harding (2007); **Health and Safety Committee:** Darrel Nelson; **Information Technology Advisory:** Robert Kirkpatrick (chair, 2007); **David Rector** (2008); **Library Committee:** Anita Vasavada (2006); **Research Committee:** Henk Granzier (2008), Barb Sorg (2006); **Research Scholars Steering Committee:** Dave Schneider (2008); Murali Chandra (2008); **Dean’s Staff Advisory Committee:** Kathy Kiernan (2007), Melissa Forquer (2006); **Scholarships, Loans and Awards:** Leslie Sprunger (2008); **T&P Advisory Committee:** Barb Sorg (2008), Ken Campbell (2007).

# Spring will come again...



Jim Krueger poses with the memorial plaque and stone placed in the memory of his longtime colleague, Dr. Ferenc Obal. Last fall (during a snowstorm) members of Krueger's lab and other employees planted the surrounding area with numerous spring bulbs (group of "gardeners" seen in photo below). The flowers, which are starting to show themselves with the rain and warmer weather, are a lovely addition to the walkway between McCoy and Wegner halls.



The memorial garden surrounding the path between McCoy and Wegner Halls is starting to look even more lovely with the new buds of spring. In addition to the large bulb planting last fall, more volunteers from VCAPP and Pharmacy worked as part of Cougar Pride Days, planting additional foliage and refreshing the ground cover in the garden.

Bryan Slinker (with Mike Malcolm below) negotiated with the Vet school and Pharmacy school to arrange for the new benches that now grace the walkway and make for a lovely spring luncheon site. Many thanks to Bryan and others on the committee for all the work in making these benches a reality.

Several memorial plaques and trees adorn the walkway, including the most recent for Dr. Ferenc Obal (memorial shown left, with Dr. Jim Krueger, his longtime associate.)



Ferenc Obal Memorial Stone in McCoy/Wegner Memorial Garden Pathway.