



VETERINARY

executive report

WSU Professor Survives Hurricane Ivan Decides to stay and help

For **Dr. Diana Stone, D.V.M., Ph.D.**, it was a chance to leave behind her classroom at the WSU College of Veterinary Medicine and put her experience to the test in Grenada. As the instructor for Veterinary Medicine and Human Health, the opportunity to apply what she taught to a real world setting seemed like the sabbatical of a lifetime. But Hurricane Ivan would change all that. Before her very eyes, the tiny island community was laid to near ruin. Here is a recap of her story, as told through the e-mails she sent to coworkers and friends.

September 6, 2004

Good morning. OK, now BBC, CNN, the weather channel, and weather.com are all saying that Hurricane Ivan will hit Barbados, St. Vincent, The Grenadines, and... yours truly, Grenada, in a few hours. So much for boring, consistently nice weather here in paradise!



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Equine Surgeon Dr. Barrie Grant:

After nearly four decades, WSU alum still practicing/teaching

Greatest Legacy: Operating on Seattle Slew

To hear **Dr. Barrie Grant** ('67) tell the story, working with Seattle Slew, exemplary groom Tom Wade, and the horse's owners, Mickey and Karen Taylor, was a privilege, an honor, and in some respects just another day as the world's top equine cervical spine specialist.

While Seattle Slew is gone, he certainly isn't forgotten. Even today his memory still lingers around the track, as well as in veterinary circles among practitioners and biomedical researchers.

During Seattle Slew's racing days, he won 14 times in 17 starts and earned more than \$1.2 million. After retiring from

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Inside...

- WSU Vet on front lines against terrorism
- New professor dedicated to saving mountain sheep
- Class of '61—keeping the ties strong

From the Dean...



Dean Warwick Bayly

“The kindness of strangers...”

It began with a simple conversation between a veterinarian and an attorney, yet it would end with the largest single gift ever in the history of Washington State University.

When the estate attorney of Bernice and Joseph Baily began searching for a way for them to leave behind their estate, he remembered a conversation with a former client, WSU College of Veterinary Medicine alum **Dr. Roger Harder ('61), D.V.M.**

The two had discussed such gifts in the past when Roger needed to settle his father's estate. The result was a gift from the Bailsys of nearly \$3 million dollars that will establish a professorship that will last in perpetuity.

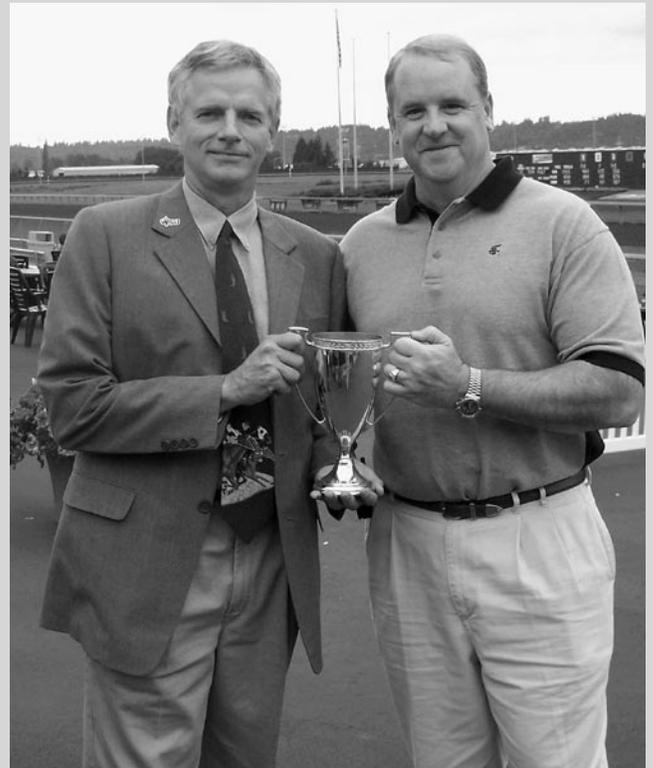
This month, the University of Georgia College of Veterinary Medicine received a puzzling major gift from a Florida couple. Thomas M. Morris Jr., who died in 1985, and his wife, Dorothy (Dotty) May Morris, who died last year, bequeathed their entire estate, valued at about \$2 million, to the veterinary college—a place they had never even visited.

Their only real connection came through their veterinarian, Dr. William Meriwether, a 1954 graduate of the college. And it evidently was his casual recommendation that landed the college one of the largest private gifts in its history.

The UG CVM scholarship fund is expected to yield about \$90,000 annually, which the college will use to provide scholarships for a new program that allows students to study simultaneously for a D.V.M. (doctor of veterinary medicine) degree and a Ph.D. in veterinary medicine.

These stories again emphasize the profound importance of the bond between people and animals. In fact, many of our major gifts come from people who have no connection to the college. In the months to come, we here at the WSU College of Veterinary Medicine will have plenty of new and exciting programs to talk about. This spring, we'll unveil the new **Washington Animal Cancer Unit** at WSU that brings together all of the world class experts we have in battling cancer and adds to critical areas needed to provide the same level of care to our beloved pets as we see in human medicine.

So this holiday season, please remember to keep us in your hearts and in your conversations. As a veterinarian, you have enormous credibility and even the most casual remark can impress and guide those who may be philanthropically inclined or planning their estates. As a friend of the College of Veterinary Medicine, the connections you can make are endless. You never know which of your words may generate **profound kindness from strangers.**



WSU Day at the Races

Could become an annual event!

A warm late August afternoon greeted guests at the Emerald Downs Race Track in Auburn, Washington, for the WSU Day at the Races. The event brought horse owners, trainers, and veterinarians together face to face with many of the top equine experts from WSU's College of Veterinary Medicine. The racing card even featured a special race dedicated to the College. **Dr. Richard DeBowes**, department chair of Veterinary Clinical Services, took home the prestigious **Equine Prognosticator Cup** for correctly picking the first five horse race winners. “This is fun—we should do it every year,” said Dr. DeBowes.

LTC Dana Scott, WSU Class of 1987

Strong ties to Homeland Security

When the U.S. Department of Homeland Security began work to prevent a biological attack, they turned to **Lt Col. Dana Scott** (CVM '87) for help. As the new chief of the Consultation and Training division for the Armed Forces Institute of Pathology, he understood immediately the impact veterinarians would have in the protection of this country.

“What veterinarians are doing across the country has a major impact in the detection and diagnosis of a variety of threats, both from biological threats to emerging disease. You’ll find veterinarians actively working at all levels of state and federal agencies, working in both research and management of potential crises,” Scott says.

LTC Scott is responsible for training all of the veterinary pathology residents that will serve in the U.S. Department of Defense. Currently, he oversees 14 residents who will work for various branches of the armed forces in everything from biomed to biological warfare. His work on National Security involves development of a “rapid response network,” a project that began with the need for rapid detection and diagnosis of potential biological agents on the battlefield, but now takes on a new importance with the threat of a terrorist attack.



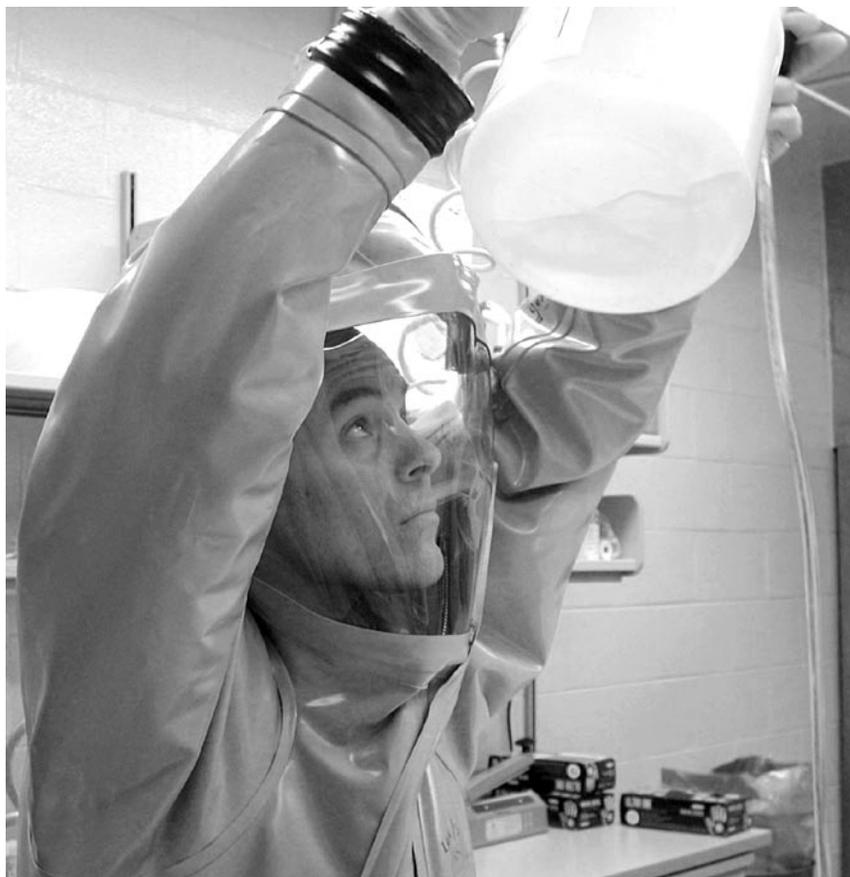
A life-changing college course

For LTC Scott, it all began with a simple class in pathology at WSU’s College of Veterinary Medicine. “He was a top student,” remembers Dr. Charles Leathers, who still teaches the introductory Veterinary pathology course. When asked if he thought his class had an influence on then first year student Dana Scott, he replied “It is flattering to think that a faculty member has directly influenced the career of a student, but that probably is delusional.”

But the now prominent LTC Scott insists Dr. Leathers played a critical role in shaping his career. “Hands-down, even without the prompt, I would have said Dr. Leathers. I always appreciated his sense of humor and sharp wit. Early in my training he taught me that to really understand medicine you had to understand the basic causes of disease and the inevitable way that the body would respond to those changes. Please give him all my best and assure him that in at least my case he directly and substantially guided my interest in pathology, and that has led to an extremely satisfying and productive career.”

Emergency response a key goal

Scott also works with federal agencies to develop a federal emergency response network. As for what’s next, Scott says “I would like to finish my career with the army. I have a strong background in research with infectious disease, working with biological disease and detection, so once I leave the service in the next 6 years, I hope there are further opportunities for research in a laboratory setting.”



racing, his stud fees ranged from \$150,000 in 1979 to more than \$500,000 dollars in the early to mid '80s. His appraised value at the time was more than \$120 million. Many consider his value in racing history to be priceless. On October 17, 2004, Seattle Slew had his 111th stakes winner. Slew's Saga, a two year-old colt owned by Karen and Mickey Taylor, won the prestigious Cup and Saucer Stakes at Toronto's Woodbine.

Arguably the greatest horse to ever grace American racing, Seattle Slew died May 7, 2002. It was 25 years to the day after he won the Kentucky Derby in 1977.

Seattle Slew—strong ties to WSU

For WSU alumni veterinarians Barrie Grant, Joe Cannon ('68), and radiologist Norm Rantanen ('67), Seattle Slew represented much more than a world-class athlete. Twice, the team guided by Wade's keen observations and trusting owners diagnosed and operated on Slew's neck. They inserted what is now called a "Seattle Slew basket" between vertebrae to stabilize the spine. The work was truly a team effort utilizing the best services and facilities in California and in Kentucky at the famed Rood and Riddle Equine Hospital. On one occasion, and possibly a second time as well, the crippling spinal cord compression condition known as Wobbler Syndrome was alleviated.

"Bagby basket"

The "Bagby basket" was the brain child of George Bagby, M.D., a Spokane, Washington, orthopedic surgeon and Dr. Pamela Wagner, both a D.V.M. ('78) and an M.D. Together with Dr. Grant and others, they developed the operative procedure and the original Bagby basket.

The device looks simple enough—a short piece of one-inch pipe with holes drilled in the sides. The original design was smooth-sided and hammered into place. The Seattle Slew basket uses an innovation suggested by Dr. Bagby that incorporates aggressive, oblong threads on the outside surface of the implant. The device is now screwed in place in an osteotomy done between the affected vertebrae. This reduces the potential for complications, especially in older horses like Slew.

Once in place, the interior of the device is packed with bone to facilitate a fusion. The stability is immediate and fusion progresses rapidly in horses. Complications are uncommon for this now hour-long procedure.

"The Taylors are very forward thinking people," explained Dr. Grant. "When it came down to the final diagnosis and our recommendation for surgical stabilization, Mickey's response was, 'Tell me all about it.'" The bond of trust was solidified.

Slew's owners honor Dr. Grant annually

Each year on the anniversary of the surgeries, the ever grateful Taylors send flowers to Drs. Grant and Cannon's San Luis Rey Equine Hospital in Bonsall, California. "When I'd heard Slew died, I felt very much like I'd lost a good friend as well as a former patient," said Dr. Grant.

Dr. Grant's impact on veterinary medicine has been remarkable. He's trained more than 20 equine surgeons in the spinal

fusion techniques and has performed the procedure himself more than 260 times, often at two levels in the same horse.



Currently, about six other groups worldwide perform the procedure regularly, with four groups being the most active. "The four include our hospital, Ohio State University's veterinary teaching hospital, a group in Belgium, and Dr. John Walmsley in England," said Grant.

Seattle Slew leaves behind his own legacy

Like his sired champions that live on, Slew also lives on in active biomedical research. The Seattle Slew Spinal Cord Research Fund at WSU's Veterinary College supports continued research into the diagnosis and treatment of equine spinal cord disease. Funds donated by the Taylors in 1977 after Slew's Triple Crown wins helped support the very research that years later benefited him.

Joining in this effort is world-renowned Kentucky distiller Maker's Mark. Through their generosity and sales of commemorative bottles, the company has donated \$10,000 to the fund. The Taylors have been gracious enough to sign the limited edition bottles at the Kentucky's prestigious Keeneland Race Course. The response has been overwhelming, causing the Maker's Mark to place a two bottle limit per person.

For more information on the research fund and how you can join WSU's research team, contact Lynne Haley at 509-335-5021 or lhaley@vetmed.wsu.edu.

Seattle Slew

Additional highlights of Seattle Slew's career include:

1. Only Triple Crown Winner to be purchased at public auction.
2. Only Undefeated Triple Crown Winner in history.
3. Winner of the 1978 Marlboro Cup in which he defeated Affirmed, the 1978 Triple Crown Winner, by 3 lengths in the first meeting ever of Triple Crown Winners.
4. Champion at age 2, 3, and 4 and voted Horse of the Year in 1977.
5. Syndicated for more than \$12 million.
6. Leading Freshman Sire in 1982, Leading General Sire in 1984, Sire of Swale who won the Kentucky Derby in 1984, and Leading Broodmare Sire in 1995 and 1996.
7. Only Triple Crown winner to have sired more than 100 stakes winners.
8. One of America's most prominent sire of sires.

To learn more about Seattle Slew, please visit his Web site at seattleslew.com or e-mail questions@seattleslew.com.

September 7, 2004

So far so good. The wind is really picking up and leaves are flying by my window now. It is about 2 pm and the brunt of the hurricane should be here by 5. If there is lots of destruction, I'm sure it will be slow getting things back up and running here. It has taken them months to partially fix the many pot holes on the road.

September 8

Hi you guys. I was very surprised to see that I have a phone line this morning. It is still raining, but now only a gentle breeze of about 30-40 mph...and heavy rain.

I'm not too proud to say that I was scared. When it was so loud and I was sure the windows would go, I was in the corner of my bathroom, the most interior room in my tiny apartment. This morning I can see houses just down the way that are destroyed. Before, I could not even see these houses because of all the trees. Trees gone. In fact, even before it got dark last night I had a downed tree at the bottom of the steps to my patio. This morning the downed tree is gone. I guess it moved on.

What a mess. I am sure there is major destruction, particularly in areas where people pretty much live in shacks.

Well, I hope I never go through anything like that again. You know, it is hard to stay scared and anxious for hours. The really bad stuff went on from about 3:30 yesterday afternoon until around 3 this morning. I finally relaxed a little when the wind changed direction and I convinced myself that my windows would now not blow out.

September 9

Hi everyone. I'm sending this e-mail to lots of you, because I do not have the emotional energy to write this more than once.

Everyone I talked to had at least part of their roof gone and tons of water damage...and these are people living in "good" houses. The hill sides with the regular Grenadian shacks are totally destroyed! Where once there was lush, green vegetation, it now looks like a fire went through...totally denuded and branchless and downed trees everywhere.

Looting started as soon as the winds stopped. All prisoners have escaped...I guess the door blew open. There are now armed guards on the main airport road which also is the main road into my area. There is a 24 hour curfew now. There are wires, trees, lots of aluminum roofing everywhere...every single yacht in the marina near my place is now on its side...like dominos.

There was no evacuation of Grenada... where would we go?

They had some shelters set up before the storm, but these were places to survive the storm...not places equipped with food and water. There is basically no food or water, except what people already had on hand. I have food for about 3-4 days.

This country is devastated!!! 90% of the people do not have livable homes any more. My landlord and lady who live upstairs have 2 big water storage tanks; so I am also one of the VERY few places to actually have running water!

I am doing OK, but it is very sad and it was and still is a little scary. The destruction is something that is just hard to take in.

September 10

RE: OK?

Things are pretty bad here. Many, most? of the students are probably going to leave on charter flights tomorrow and the next day. One special charter is being arranged for students with pets, as only American Airlines will allow pets. So, today they organized mass vaccination, health certificate signing for people's pets. I think I will wait until the mass of students get out of here and then see how things look.

It is all so unreal.

September 12

Paradise Lost

Today was the last day of the official US State Department evacuation...which I opted not to do. No other faculty have left that I know of. However, almost all students have left. There are about 200 students remaining.

I now have a new job. I help prepare and serve food to the remaining students, any faculty, and, most importantly, any SGU security guard and any military from any nation. These guys can have as much food as they want. The remaining students are helping to clean up SGU and they also go out into the community to help at hospitals, orphanages, etc. These students are really amazing. I'm a little tired having been on my feet most of the afternoon, but it was also fun...and I got to see everyone who is still here. The mood on campus of those remaining is fairly upbeat.

So, I am doing fine. Grenada itself will need a lot of help and time to recover from this. Security guards and electricians and people who can repair roofs have plenty of business, if they can get the equipment they need.

Visually, the parts of the island I've seen look totally different. No flowers, no leaves on trees, big palm trees that are now only a few feet tall and stripped of everything. Litter everywhere...mainly roofing, branches and electrical wires.

Bye for now. I will keep you posted.

Editor's note:

In the days that have followed, Dr. Stone has remained on Grenada, helping out with the Red Cross efforts there. She will remain on sabbatical to St. George's University. Dr. Stone has an extensive background in health education training for county health and social service personnel, and spent over two years in the U.S. Peace Corps as an outreach organizer for rural health projects in Thailand.



Leading researcher to battle pneumonia in bighorn sheep

Work to focus on finding a vaccine

A world class leader in research and immunology has moved to the Washington State University College of Veterinary Medicine to help save bighorn sheep.

Dr. Subramaniam “Sri” Srikumaran is the first scientist named to fill the *Rocky Crate-Foundation for North American Wild Sheep Endowed Chair*, a seat dedicated exclusively to conducting research on wild sheep diseases.

Hailed by the University of Nebraska-Lincoln as being one of their most-respected researchers and professors, Dr. Srikumaran is a cellular and molecular immunologist with outstanding credentials. Since 1985, he has attracted nearly \$2 million in research funding, produced 152 scientific papers and presentations, and successfully mentored 20 graduate students.

Srikumaran will study pneumonia in wild bighorn sheep and attempt to develop a vaccine to fight the bacteria. As he recently told a Nebraska newspaper, “We’re looking to accomplish this within five years,” adding “I think, with my previous experience and the resources the (WSU CVM) department has, it is very likely that we will do it.”

“We are very excited about Sri joining us,” said **Dr. David Prieur**, chair of the WSU Department of Veterinary Microbiology and Pathology. “WSU once again has attracted a world-

class scientist and graduate student mentor. Dr. Srikumaran’s extensive research experience on both the immune system of ruminants and the microorganisms that cause a fatal pneumonia in bighorn sheep positions him well for success in this chair.”

The chair is named for **Dr. Rocky Crate**, a 1969 WSU veterinary alumnus and a member of the Foundation for North American Wild Sheep (FNAWS). In 1998, he donated more than \$1.5 million from his estate to the University and FNAWS before his death.

“What I’d really like to see is WSU and FNAWS find a way to prevent the contraction and spread of pneumonia in wild sheep—their number one killer,” said Dr. Crate shortly before his death. “That’s it, that’s what I want...It’s all about putting more sheep on the mountain.”

His generosity established the college’s first endowed chair and provides permanent funding for the research activities directly related to understanding, prevention, and control of wild sheep diseases.

Dr. Srikumaran is also a veterinarian and is originally from Sri Lanka. He joins WSU veterinary parasitologist **Dr. Bill Foreyt**, who is among the undisputed leaders in wild sheep disease research. Both will continue work with WSU’s world-renowned bighorn sheep research herd used to study fatal diseases that have decimated wild sheep populations throughout the world.



From the Director of Development

The holiday season is a wonderful time to reflect on all that is great and wonderful in our lives. In recent weeks, we’ve had the pleasure of hosting a number of alumni events at the WSU College of Veterinary Medicine. These events have filled the halls with stories of accomplishments past and of promises for the future.

This has been an exciting year in the development office, with the establishment of a new endowed chair fulfilling the promise of Rocky Crate to fund a top candidate dedicated to finding a vaccine to save wild sheep from a terrible disease.

We have also established a network of top volunteers that will help the College as members of the Dean’s Advisory Board dedicated to finding new avenues of support.

But our work has just begun. This spring we will unveil the new **Washington Animal Cancer Unit** that brings together our world class leaders in animal medicine into one cohesive unit, and adds to their strengths with innovative care, groundbreaking research, and grief counseling.

Let me say thank you for all your support this past year, and for joining us in creating one of the best Colleges of Veterinary Medicine in the world.

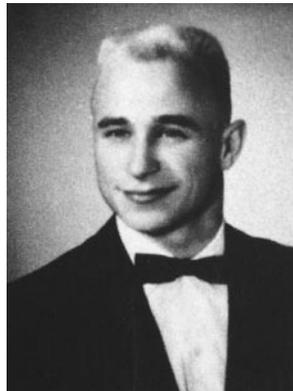


Class of '61 Remains Close For More Than 40 Years

Like most graduates, **Dr. Kenneth Kellogg** feared that graduation from the Washington State University College of Veterinary Medicine would mean the end of close relationships he shared with his 43 other classmates. Instead, the class has found inventive ways to stay in touch.

Since their graduation, the class of '61 keeps a close and continuous tie through a variety of methods, including an annual Christmas letter they have generated for more than 40 years.

"I look forward to that letter every year and read each one three or four times," Kellogg said, who practiced veterinary medicine for 23 years in California before retiring in Boise, Idaho. "Since we are scattered all over the country, almost everyone writes in and sends in post cards and photos."



Dr. Kenneth Kellogg '61



Class reunion of '64, '66, '74, and '84

Classmates take turns

Each year, one person is elected to compile the newsletter; nearly every classmate has taken a turn since its publication.

Out of 42 remaining classmates, 27 participated in the 2002 Christmas letter. "Usually we get between 25 and 30 responses," Kellogg said. "That is absolutely remarkable, I think."

The group has also self-organized many class reunions at national meetings over the years, and Kellogg himself organized a 40-year class reunion and picnic in Boise in June 2001. There, 24 out of 41 classmates attended with their families in tow.

"I hope we provide a good example for other classes to stick close together," Kellogg said. "It would be nice if other classes could be as close."

Homecoming tradition

Homecoming also attracts 10 to 12 classmates each year to Pullman; Kellogg has gone every year consecutively for 25 years.

"We are all over 66 years old, and when we get together to talk, it is usually about veterinary school and what great years they were," he said. "To some, these are the finest years in their lives."

Coming next issue: the class of '54

Dr. Wendy Brown

Distinguished Veterinary Immunologist Award

Dr. Wendy C. Brown, professor and veterinary immunologist with Washington State University's College of Veterinary Medicine, has been awarded the Distinguished Veterinary Immunologist Award by the Veterinary Immunology Committee of the International Union of Immunological Societies.

This highly prestigious award is granted every three years and recognizes the best veterinary immunologist in the world during that period.



Dr. Kathy Ruby

WSVMA 2004 Humane Animal Welfare Award

In recognition of her advancement of animal welfare through extraordinary service.



Shirley Sandoval:

WSVMA 2004 Distinguished Veterinary Staff Award

In recognition of her distinguished support to the veterinary profession.



Dr. Steve Parish

WSVMA 2004 WSU Faculty Member of the Year Award

Given in appreciation for the support provided to the state's practitioners.



College of Veterinary Medicine Calendar of Upcoming Events...

January 9, 2005	NAVC WSU CVM Alumni Reception, Orlando, Florida **
January 13-14, 2005	MR Imaging of the Equine Musculoskeletal System CE program *
February 18, 2005	Canine Health Seminar, Seattle, Washington
February 21, 2005	WSU CVM Western Veterinary Conference, Las Vegas, Nevada **
April 16-17, 2005	Annual Conference for Veterinarians and Veterinary Technicians CE programs *
April 16-17, 2005	Class reunions for 1975, 1985, and 1995 **
April 20-21, 2005	Golden and Diamond Grad Reunions **
April 22, 2005	CVM Scholarship Dinner and Dessert **
May 21-25, 2005	Small Animal Endoscopy CE program *
July 16-20, 2005	AVMA. Be sure to attend the WSU CVM reception! **
August 27, 2005	WSU CVM Equine Sports Day at the Races **

For more information please call (*) Christina at 509-335-7070 or (**) Patti at 509-335-4835



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