NORM RANTANEN

October 13, 1942 – March 22, 2025

The door has closed



The Beginnings



Camping, fishing

Norm & Frisky





1960 Graduate of Shadle Park High School

Marlene/Norm

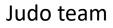




1960 WSU Student, 1963 WSU College of Veterinary Medicine

Norm - MC, wrote and co-produced Jr. Review















Marriage & School 1965 Norm -2 More years at WSU Vet School



1965 Wedding



Finn





Finished Calif test

Home



1967-1969 Washington DC

Armed Forces Institute of Pathology at Walter Reed Army Medical Center & 'Baby Matt'





Irradiation Effects on the Body Studied by Special AFIP Group

by PVT Michael A. Carson, AFIP

The Armed Forces Institute of Pathology Radiation Pathology Branch consists of a highly specialized group of officers and enlisted men working to determine how irradiation affects the body.

Several of the department's studies are now being prepared for publication and another one is in the final stage of research. A study to determine the "effect of regional shielding on plasma enzyme changes in rats" has recently been published.

Captain Benjamin Highman of the U.S. Public Health Service, chief, Radiopathology Division and Radiation Pathology Branch, explained the project this way. "In normal animals as well as man certain enzymes are found in relatively narrow ranges in the blood or cells. In disease, some enzymes increase or decrease in concentration below normal levels."

"It was observed that the alkaline phosphatase level in the blood of rats was lowered when certain parts of the body were exposed to irradiation. When only the abdomen was irradiated, alkaline phosphatase blood levels decreased. If the rest of the body was irradiated while the rat's abdomen was shielded from the rays, the alkaline phosphatase level did not fall," Captain

Highman said. According to Captain Highman, "The purpose of these studies is to determine or investigate how shielding certain parts of the body may affect tolerance to irradiation.

The Radiation Pathology De-

of four hundred South African the AFIP colony. white tail rats, which it monitors for disease. The rats are technically called Mystromys albicame from this laboratory colony.

The rats were originally brought into the country five years ago by Dr. C.H. Binford, chief of AFIP's Mycobacterial Diseases Division and Director of Leonard Wood Memorial Leprosy Foundation. Dr. Binford is now using the animals for leprosy research. Twenty other

medical laboratories now have partment also maintains a colony breeding stock that came from



AN X-RAY THERAPY UNIT is adjusted by Captain Alan Hanks (left) and Captain Norman Rantenen, prior to irradiating a Sprague-Dawley rat which is partially covered with a lead shield (AFIP Photo).

AFIP's Radiation Pathology Branch includes: CPT. Alan Hanks, who has a Ph.D. in Biocaudatus and almost all of these physics; Capt. Norman Rantanen, animals now in the United States a Doctor of Veterinary Medicine; LT. Norman Byers, who has an M.S. in Health Physics; SP6 Santos Vasquez, a graduate of the Army's Advanced Medical Maintenance School; SP5 Jerry Hall, who, has a B.S. in Zoology; SP5 Steve Kozak, who has a B.S. in Zoology; and PVT. John Bice, who has an M.S. in Physics.





1969-71 Back to Pullman WSU Veterinary College for Masters Degree, 'Baby' Gordy and Lasting Friendships



Norm



Barrie





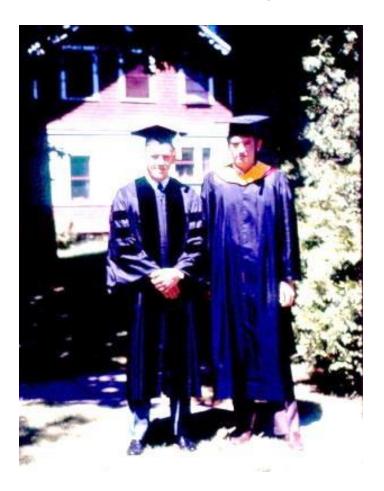
Ron



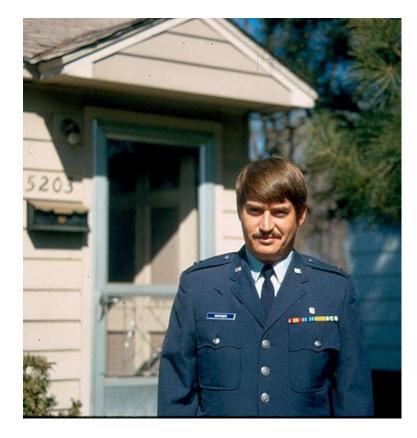
Jack



Brother Ray PhD & Norm Masters Degree1971



1971 Norm assigned to Viet Nam



Saigon



VIETNAM 1971-72



















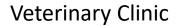
1972-1975 Assigned to Wiesbaden Germany with family in tow

Wiesbaden Hospital



Working Dogs

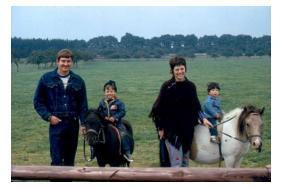












Germany 1972-1975

Home













DEPARTMENT OF THE AIR FORCE

THIS IS TO CERTIFY THAT THE AIR FORCE COMMENDATION MEDAL HAS BEEN AWARDED TO

CAPTAIN NORMAN W. RANTANEN

FOR MERITORIOUS SERVICE

1 MAY 1972 - 1 AUGUST 1975

GIVEN UNDER MY HAND IN THE CITY OF WASHINGTON THIS 1ST DAY OF OCTOBER 19 75







Assigned to Lackland AFB San Antonio, TX 1975-1976 USAF Sentry Dog Hospital

Left the USAF (after 9 years, 1 month, 25 days)



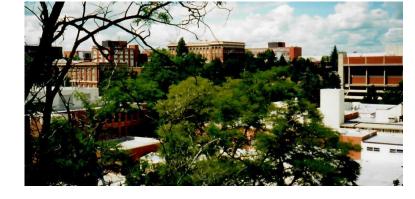
Visit to Ray's on the way to Pullman



1976 Pullman, WA and WSU Veterinary School Faculty

Pepper





Pullman farm/home

We do not miss this!





WSU Veterinary School 1976-1983 in the Radiology Department



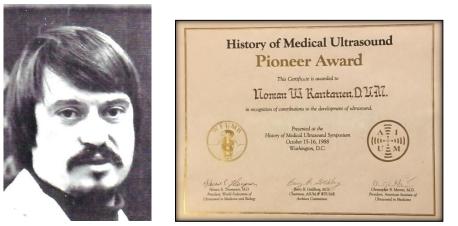
Along with lasting friends

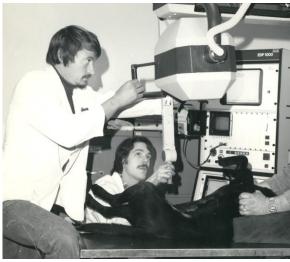


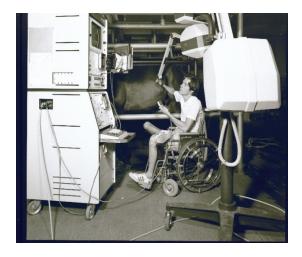




Developing Ultrasound at WSU









Move to Lexington, KY 1983-1991





Northridge Farm

Good fishing

Ashford Stud Farm



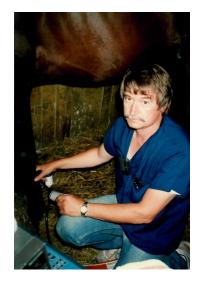


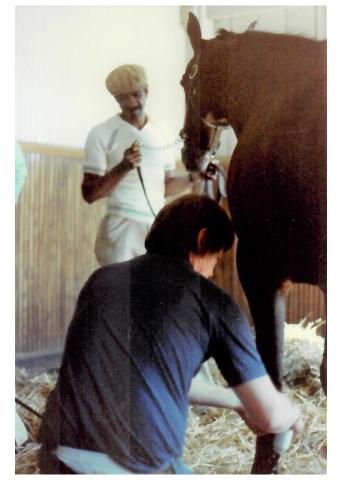


Lexington

Scanning John Henry









Northern Dancer



Family



Matt

Lexington



Houseboat



Home



Gordy



SHALL WE MOVE TO CALIFORNIA? 1990



Keenland Sales Work and Play with the Troops



Move to California Dec. 1991 San Luis Rey



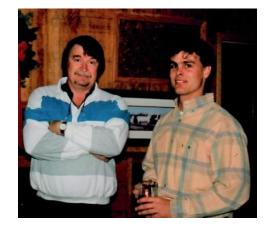


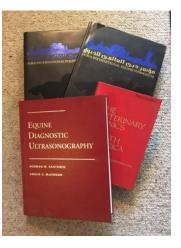
At San Luis Rey



Publishing







Fallbrook & Bonsall Area

Brookside Farm Horse Show



Barbecues at San Luis Rey









Dubai Equine Hospital Build

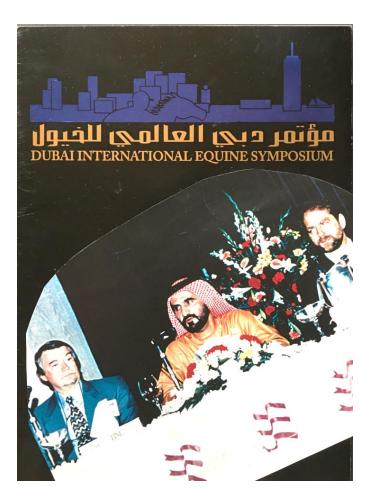




Consulting on Imaging Equipment for the new Hospital



Dubai International Equine Symposiums 1996, 1997







Dubai International Equine Symposiums 1996, 1997

Norm - Program Chairman









Dubai Equine Symposiums Desert Parties



Some of the 'Play'





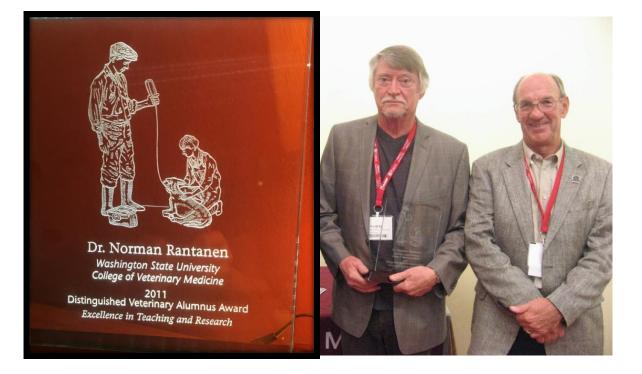




2003 AAEP DISTINGUISHED EDUCATOR AWARD



2011 WSU College of Veterinary Medicine Distinguished Alumnus



Fallbrook Home and Family





California Equine Orthopedics Twin Oaks Valley Farm









Travel for Work and Pleasure





Second Pan Pacific Veterinary Conference







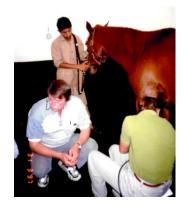




Ultrasound Horses, Orcas and Elephants!











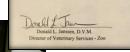
SAN DIEGO ZOO SAFARI PARK ENDANGERED RHINO WORK



Certificate of Recognition The Zoological Society of San Diego Recognizes

NORM RANTANEN, D.V.M.

For unselfish support which has contributed significantly to the capabilities and overall mission of the VETERINARY SERVICES DEPARTMENTS











Travelin' In the RV and to Europe & Asia











Time Spent With Friends & Family



























To Lexington for Seattle Slew





Phone: 606.276.6787 E-Mail: dschmitz@blo

The text a days and the right 2 operation at Root and Root guine Hospital near Lexington. A Bagby basket, which is made steel mesh, was inserted around the vertabrae to stabilize the mt. The basket allows the bone to grow through it, and will aprelieve pressure on the spinal cord.

SEATTLE SLEW'S SURGERY A SUCCESS Due to Arrive Home at Three Chimneys

In the second seco

24 year old stallen ware have bene treuer date of the stallen at a later date. This year, he covered 27 mares, with seven in foal.

ap preuve pressure on the spanic or complications whatsoever, "said far it was textbook on complications whatsoever," said far anager Dan Rosenberg a day after the 90-minute operation. See an analysis of there's no eas or alcale. Het's walking the weak spanning the two proceeduation in some quarters see the second second second second second second second second second the weak spanning the two proceeduation in some with Seattle Serve's hear to reserve a small walk with Seattle Serve's hear to reserve a small walk with Seattle Serve's hear to reserve a small walk with Seattle Serve's hear to reserve a small walk with Seattle Serve's hear to reserve a small walk with Seattle Serve's hear to reserve a small walk with Seattle Serve's hear to reserve a small walk with Seattle Serve's hear to reserve a small walk with Seattle Serve's hear to reserve a small walk with Seattle Serve's hear to reserve a small walk with Seattle Seattl nanger Dan Rusenwayn High Son anthlotel, and Here's no cast or craute. Itse a mun High Son anthlotel, and Here's no cast or craute. Itse a The surger ywa performed by a team of veterinarians flow High San Lus Rey Equine Hospital near Bonstall, Calif. The europrotection of Barrie Gram, who was assisted by Kichan da Korman Phinowski, Sandra Yaldez, Jan Sargent-Beach, and Korman Phinowski, Sandra Yaldez, and Sargent Sarge

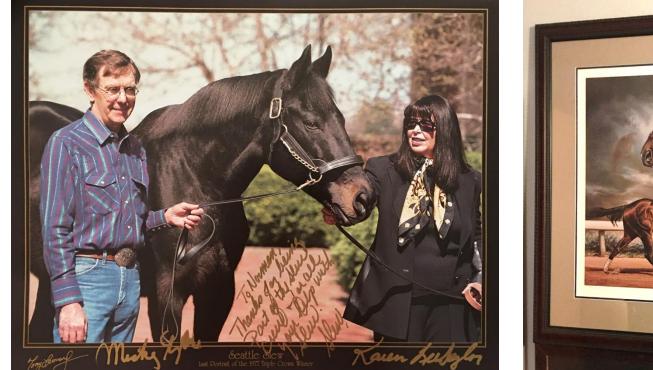






Seattle Slew with Taylors



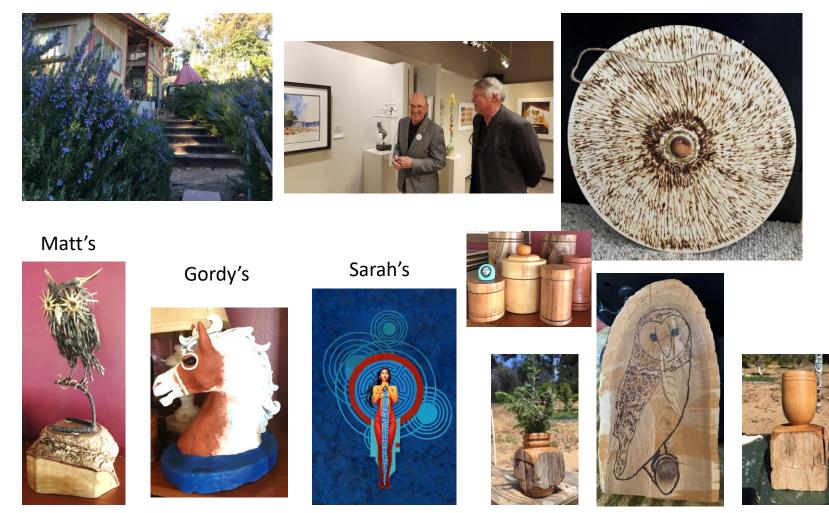




Learning More About Art

Norm's Studio

Norm's Art



More Fine Friends & Family













A Grand Tour Cruise with Friends 2014



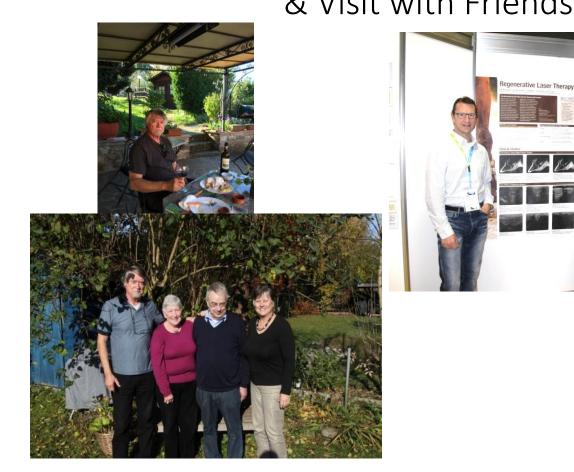








2014 International Meeting in Munich & Visit with Friends





AAEP Meeting Denver 2019



Seeing Old Friends







Fallbrook Home Married 59 Years











Things to Do Bowls to Make and Olives to Fix







Matt's Olive Trees







And Play!

















Family Time







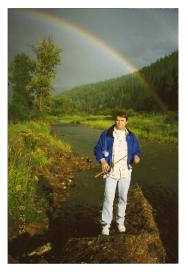




Norm enjoyed his Studio, RV and Some Fishing







Winnebago Fuse





Some Travel









More Travel









Retirement 2020 Doing our own thing













