

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



Judo team



Marriage & School 1965

Norm -2 More years at WSU Vet School



1965 Wedding



Finn



1967 DVM degree



Home



Finished Calif test



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 Department also maintains a colony



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

of four hundred South African white tail rats, which it monitors for disease. The rats are technically called *Mystromys albicaudatus* and almost all of these animals now in the United States came 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 breeding stock that came from

the AFIP colony.

AFIP's Radiation Pathology Branch includes: CPT. Alan Hanks, who has a Ph.D. in Biophysics; Capt. Norman Rantanen, a Doctor of Veterinary Medicine; LT. Norman Byers, who has an M.S. in Health Physics; SP5 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 Elce, who has an M.S. in Physics.



1969-71 Back to Pullman

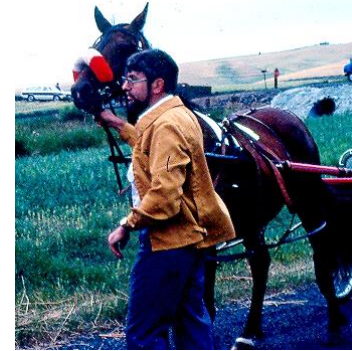
WSU Veterinary College for Masters Degree,
'Baby' Gordy and Lasting Friendships



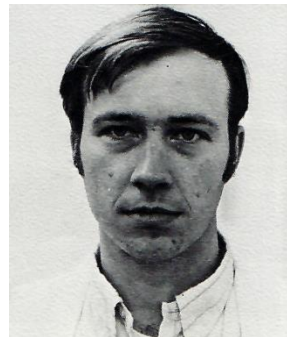
Norm



Barrie



Jack



Ron

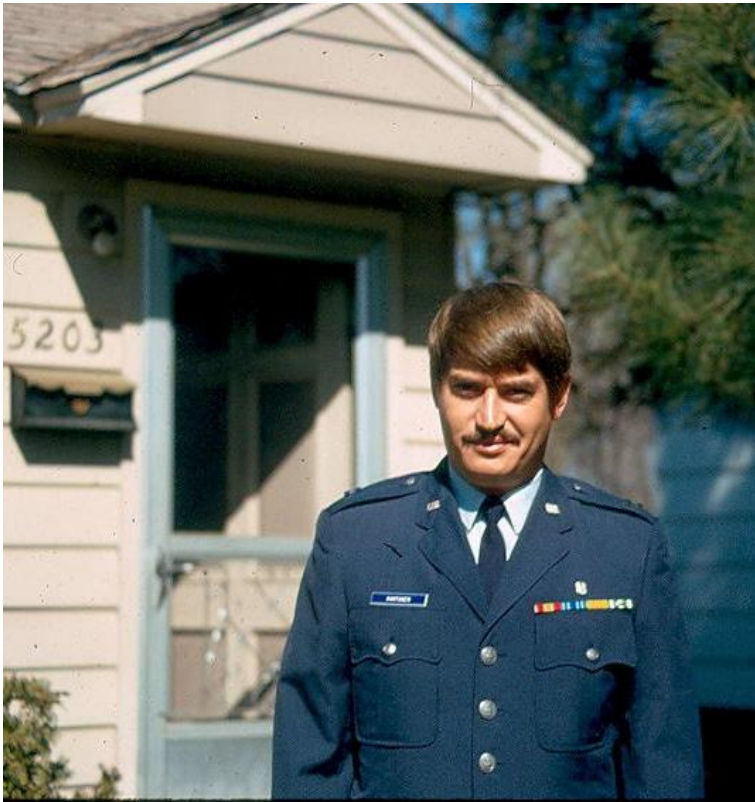


Brother Ray PhD & Norm Masters Degree 1971



1971

Norm assigned to Viet Nam



Saigon



VIETNAM 1971-72





1972-1975

Assigned to Wiesbaden Germany with family in tow

Wiesbaden Hospital



Veterinary Clinic

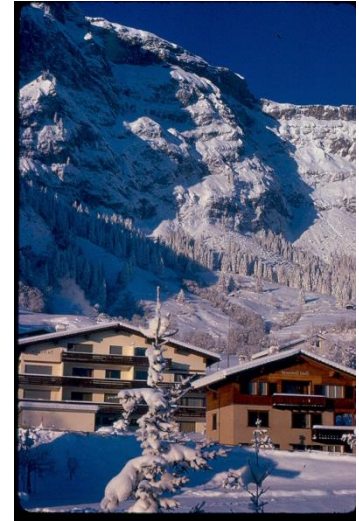


Working Dogs



Germany 1972-1975

Home



Assigned to Lackland AFB San Antonio, TX 1975-1976

USAF Sentry Dog Hospital

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

Working dog



San Antonio



Visit to Ray's on the way
to Pullman



1976 Pullman, WA and WSU Veterinary School Faculty



Pullman farm/home



Pepper



We do not miss this!

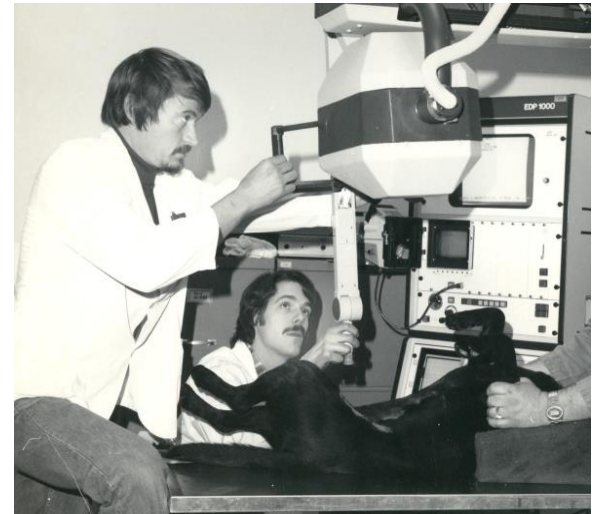
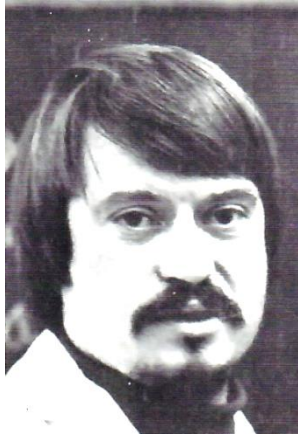


WSU Veterinary School 1976-1983 in the Radiology Department

Along with lasting friends



Developing Ultrasound at WSU



Move to Lexington, KY 1983-1991



K
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C
K
Y



Northridge Farm



Good fishing

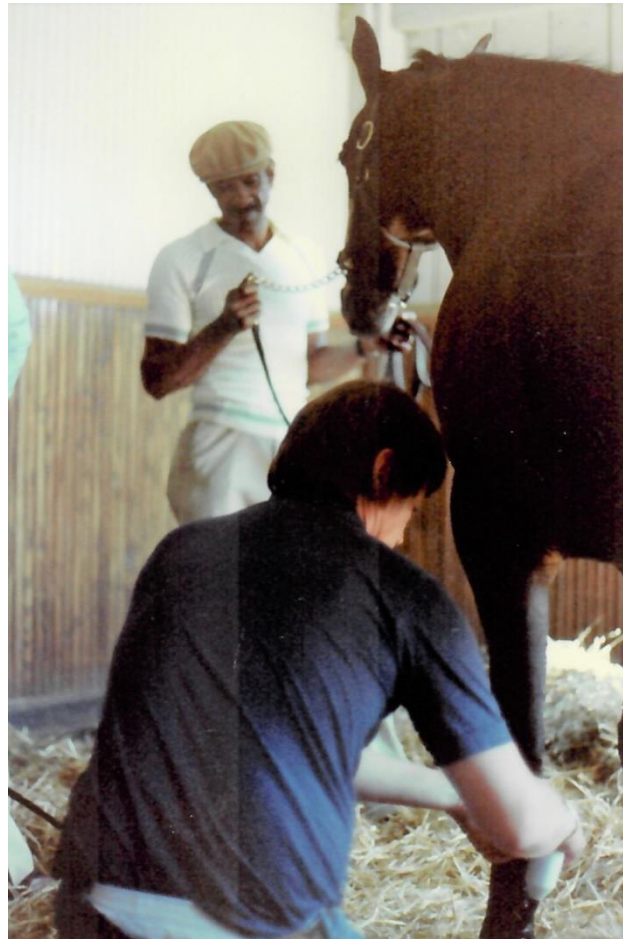


Ashford Stud Farm



Lexington

Scanning John Henry



Northern Dancer



Lexington

Family



Matt



Houseboat



Home



Gordy



SHALL WE MOVE TO CALIFORNIA? 1990



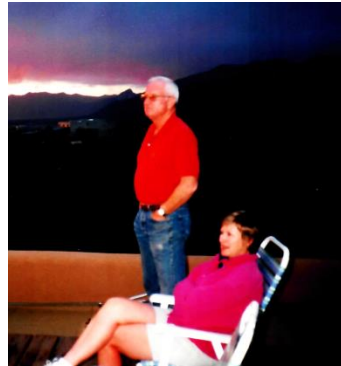
Keenland Sales

Work and Play with the Troops

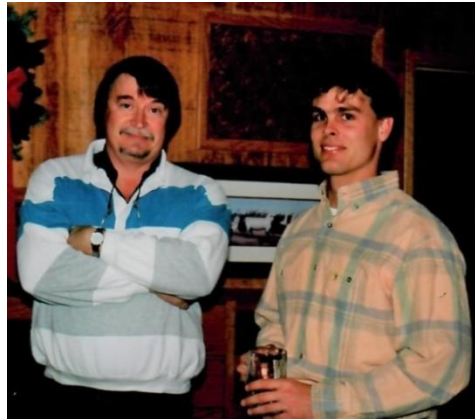


Move to California Dec. 1991

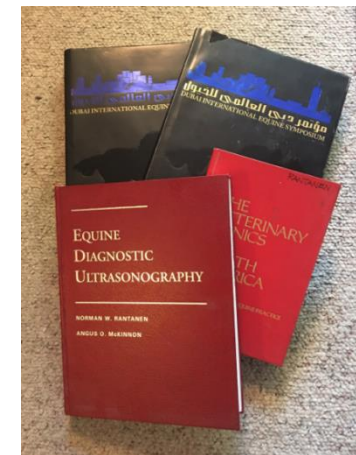
San Luis Rey Equine



At San Luis Rey



Publishing



Fallbrook & Bonsall Area

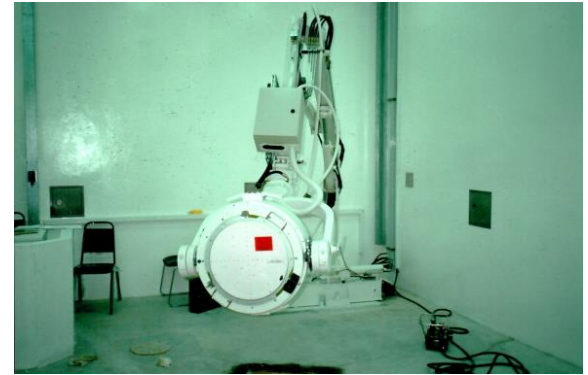
Brookside Farm Horse Show



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 Symposium 1996, 1997

Norm - Program Chairman

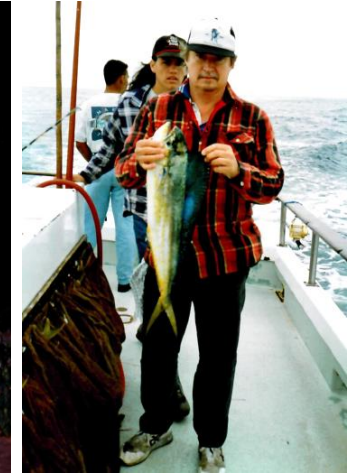


Dubai Equine Symposium

Desert Parties



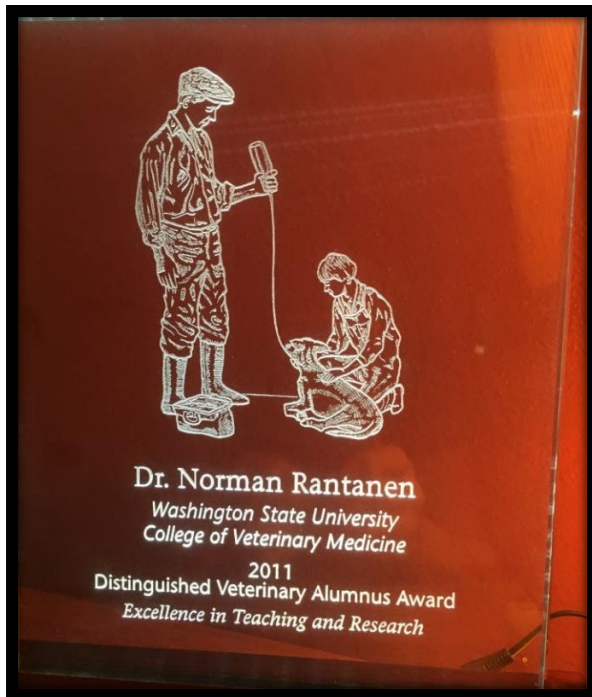
Some of the 'Play'



2003 AAEP DISTINGUISHED EDUCATOR AWARD



2011 WSU College of Veterinary Medicine Distinguished Alumnus



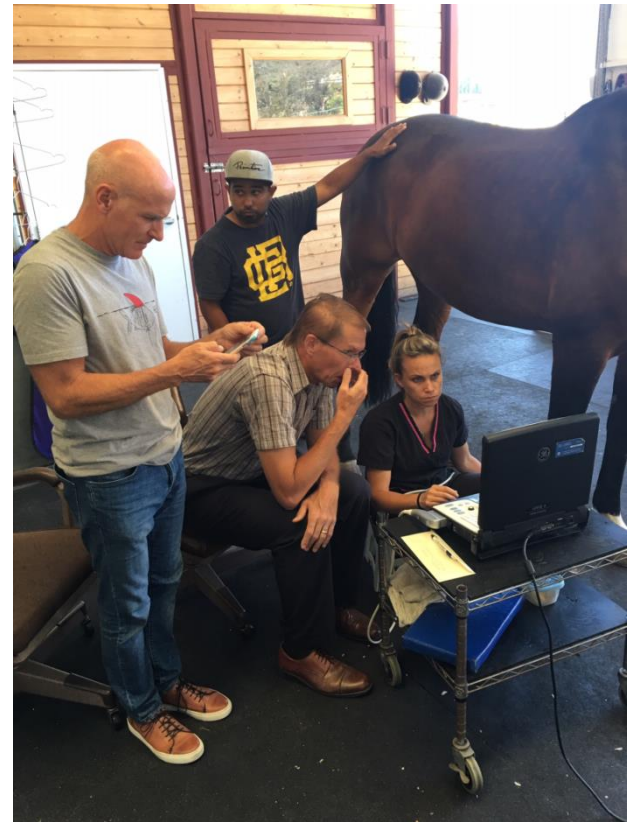
Fallbrook Home and Family



Kramer



California Equine Orthopedics Twin Oaks Valley Farm

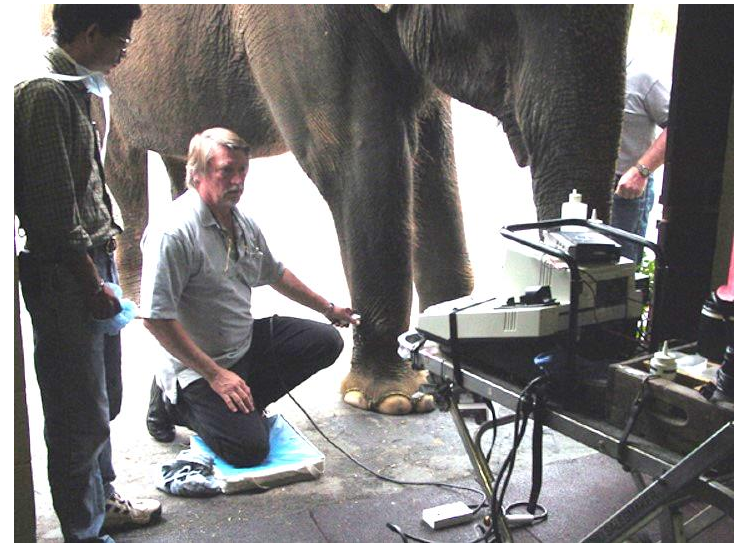
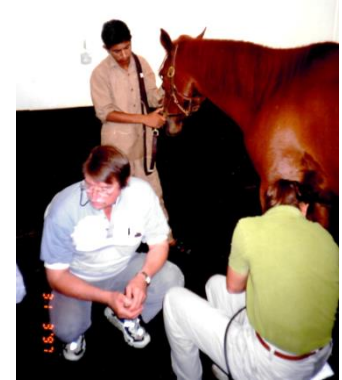
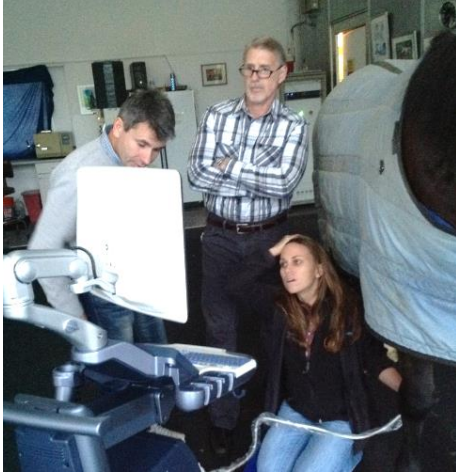


Travel for Work and Pleasure



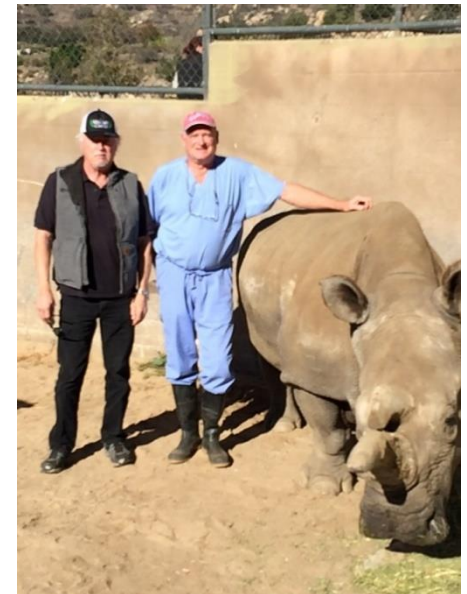
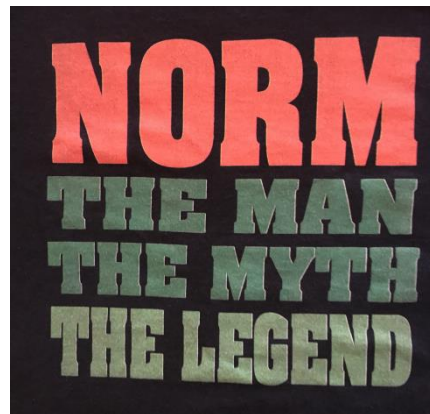
Ultrasound

Horses, Orcas and Elephants!



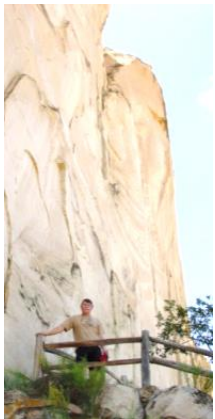
SAN DIEGO ZOO SAFARI PARK

ENDANGERED RHINO WORK

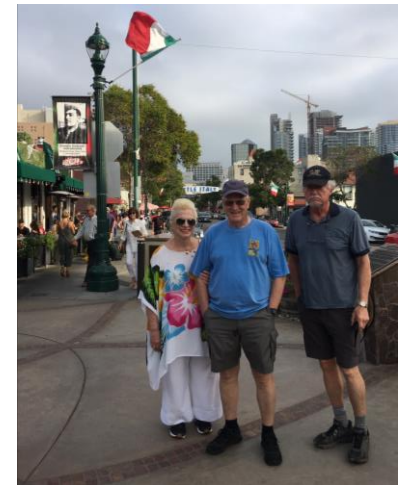


Travelin'

In the RV and to Europe & Asia



Time Spent With Friends & Family



To Lexington for Seattle Slew



Seattle Slew with Taylors



Cigar



Learning More About Art

Norm's Studio



Norm's Art



Matt's



Gordy's



Sarah's



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

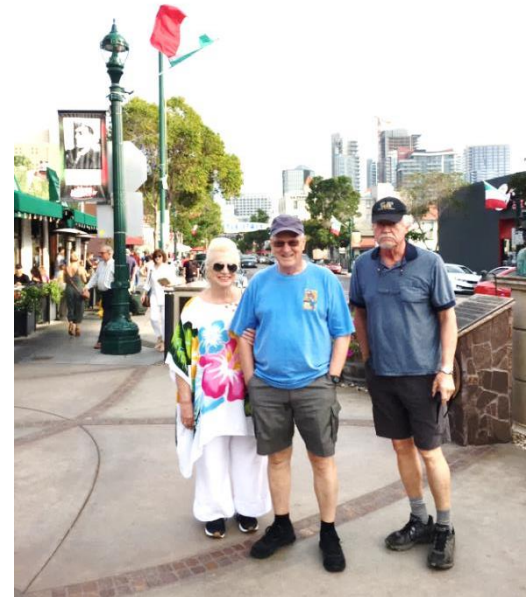
Bowls to Make and Olives to Fix



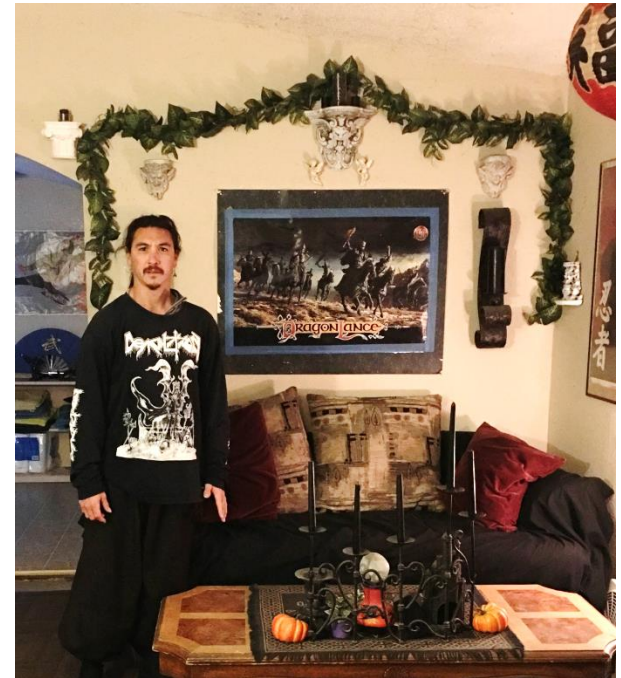
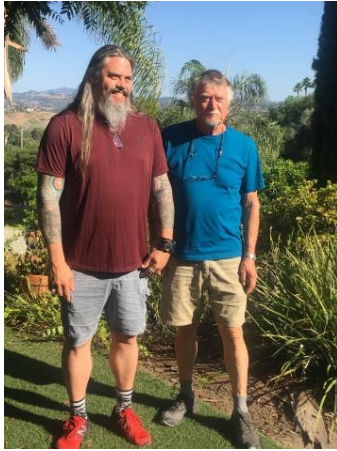
Matt's Olive Trees



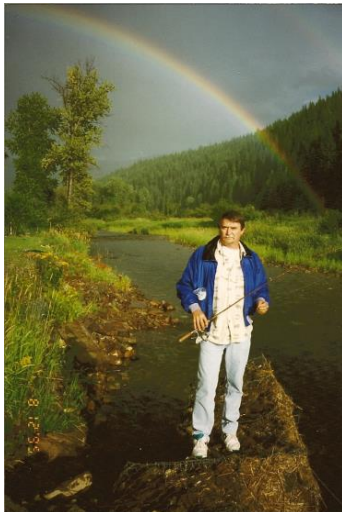
And Play!



Family Time



Norm enjoyed his Studio, RV and Some Fishing



Winnebago Fuse



Some Travel



More Travel



Retirement 2020

Doing our own thing



