

## CURRICULUM VITAE

**DOUG A. VERMILLION, MD**

**2741 DeBarr Road, Suite C-308  
Anchorage, AK 99508  
907 644-6055**

### PERSONAL

**Married, 5 children**

**Born in Alamogordo, New Mexico**

**Hobbies: fly fishing, photography, backpacking, volunteer scout leader, gardening, cycling**

### UNDERGRADUATE EDUCATION

**United States Military Academy at West Point, Bachelor of Science Degree**

***Major:* General and Applied Sciences, Class of 1978**

***Honors:* Commandant's List (Leadership)**

**Best Squad Leader, August 1976**

***Activities:* Varsity Cross-Country, Indoor Track, Outdoor Track, Marathon Club,**

**Fellowship of Christian Athletes, Cadet Public Relations Committee,**

**Outdoor Sportsman Club**

### MILITARY EDUCATION

**Northern Warfare School, 1976**

**Infantry Officer's Basic Course, 1979**

**Ranger School, 1979**

**Basic Airborne Course, 1979**

**Jungle Warfare School, 1979**

**Combat Casualties Care Course, 1989**

**Medical Corps Officer's Advanced Course, 1995**

### MEDICAL EDUCATION

***Medical School:* University of Utah School of Medicine/MD  
1984-1988**

***Internship:* Brooke Army Medical Center (Categorical Surgical)  
1988-1989**

***Residency:* Brooke Army Medical Center (Orthopaedics)  
1989-1993**

***Fellowship:* Adult Reconstructive Surgery / Foot and Ankle Surgery  
Kerlan Jobe Orthopedic Clinic, Inglewood, CA  
1997-1998**

***National Boards:* 1989**

***Texas License* 2002**

***Alaska License* 2005**

***Board Certified in Orthopaedics:* July 1995 *Recertified:* January 2006**

## **ACADEMIC PRESENTATIONS**

**The Use of Human Recombinant Bone Morphogenetic Protein-2 to Repair Osteochondral Lesions of the Talus in Active Duty Soldiers: A Preliminary Clinical Trial** Details a new successful method of cartilage repair with the use of biologics that has not previously been reported in humans

**The Treatment of Femoral Shaft Fractures in Thermally Injured Patients** presented at the Society of Military Orthopedic Surgeons meeting in December 1992, which received the Founder's Award for best military paper.

**Sciatic entrapment neuropathy associated with an anomalous piriformis muscle,** in PAIN, 59 (1994) 149-152

**The deployment of injured soldiers to the National Training Center,** presented as Weed Army Community Hospital's hallmark presented to the JCAH team

**Profiles: general guidelines for health care providers** presented at the Academy of Health Science to the Brigade Surgeon's Course and the AMMED Officer's Advanced Course. This led to the design and adoption of the Army's current profile.

**Operative Treatment of Knee Arthritis:** presented at Grand Rounds at the Kerlan-Jobe Orthopaedic Clinic/Centinella Hospital, June 1999

**A Review of Operative Treatment of Ankle Instability:** presented at Grand Rounds at Kennewick Hospital, January 2000

**A new method of reconstruction of the Medial Collateral Ligament: An alternative to hinged knee revision arthroplasty,** a new procedure presented at the 2000 Society of Military Orthopaedic Surgeons meeting

**The Use of High Tibial Osteotomy in the Treatment of Young Patients with Cartilage defects** depicts a new technique of opening wedge high tibial osteotomy that decreases healing time to 4.6 weeks in 13 patients. Presented at the 2006 Kerlan Jobe Fellowship Alumni Research Conference

**Cartilage Restoration Military Experience at Fort Hood ;** describes the course of 18 soldiers treated with autologous cell implantation of the knee and ankle with a 66% rate of return to combat duty. Presented at the May, 2007 Texas Orthopaedic Association annual meeting.

## **EMPLOYMENT EXPERIENCE**

**Orthopaedic Surgeon, Trinity Clinic Orthopaedics, Trinity Mother Frances Health System,** Tyler, Texas, August 2002 to July 2006. Developed a cartilage restoration program for Darnall Army Medical Center and Northeast Texas. Improved treatment techniques for ankle and knee chondral defects.

**Chief, Orthopaedic Surgery Service ,** Madigan Army Medical Center, Fort Lewis Washington January- June 2002

**Chief, Adult Reconstructive Surgery**, at Madigan Army Medical Center, Fort Lewis Washington from August 1998 to December 2001. Also served as Chief of Surgery for 47<sup>th</sup> Combat Support Hospital. Responsible for care of total joint service and care of soldiers in rapid deployment units

**Staff Orthopedic Surgeon/Assistant Chief Orthopaedics** at Dewitt Community Hospital from August 1995 to June 1997. Provide care for White House Staff. Special Operations units. US Marines at Quantico, VA, and soldiers/dependents in the Washington, DC Metroplex.

**Chief of Surgery and Staff Orthopedic Surgeon:** August 1993 to July 1995 at Weed Army Community Hospital at the Army's National Training Center at Fort Irwin California. Primary duty was to serve as sole Orthopaedic Surgeon for the National Training Center at Fort Irwin California while providing regional coverage for China Lake Naval Air Station, Edwards Air Force Base, and the Marine Corps Logistic Base. This involved an extremely busy practice consisting of trauma and sports medicine for the active duty units assigned to the region. Was designated the most efficient orthopaedic surgeon in the Army by the orthopaedic consultant to the Surgeon General.

**Orthopaedic Surgery Intern/Resident:** 1988-1993

**Pentathlete:** Trained for and competed in national and international competition in the sports of Modern Pentathlon (cross country running, pistol shooting, swimming, horseback riding, and epee fencing) and Military Pentathlon (cross country running, grenade throwing, obstacle swimming, rifle shooting, and obstacle course running) June 1980 to July 1984.

**Scout Platoon Leader:** Combat Support Company. 3/17<sup>th</sup> Infantry. 7<sup>th</sup> Infantry Division. Responsible for the moral, welfare and tactical deployment of this specialty platoon. This unit was considered one of the best in the 7<sup>th</sup> Division because of its superior performance in ground operations.

**Infantry Company Executive Officer:** Bravo Company, 3/17<sup>th</sup> Infantry. Responsible for the administration, logistics, and maintenance and unit readiness of a 150 man Infantry Rifle Company. During this period received the Crime Prevention Award from the Division Commander because of actions that lead to a decrease of drug abuse in the unit.

**Infantry Rifle Platoon Leader:** Bravo Company, 3/17<sup>th</sup> Infantry. Responsible for the morale, welfare and tactical deployment of a rifle platoon. This platoon was rated the best of nine platoons when deployed to the Jungle Warfare Training Center, Panama.

## **MILITARY AWARDS**

Meritorious Service Medal x3  
Army Commendation Medal  
Joint Service Achievement Medal  
National Defense Service Medal  
Army Service Ribbon  
Expert Infantryman's Badge

**Ranger Tab**  
**Parachute Badge (Airborne)**  
**Distinguished Shooter**  
**The Order of Saint George (for contribution for the 11<sup>th</sup> Cavalry Regiment's unit readiness)**  
**Most efficient orthopedic surgeon in the Army 1994-1995**

**ATHLETIC ACHIEVEMENTS**

**Junior National 25 kilometer and 30 kilometer champion, 1976**  
**Varsity Letters in Track and Cross Country at West Point**  
**Fort Ord Triathlon Champion, 1980**  
**Represented Armed Forces in NBC TV's "Survival of the Fittest: 1980"**  
**Represented United States in 1980 CISM World Championships in Military Pentathlon**  
**Awarded team Gold, Silver, and Bronze medals in '81, '82, and '83 National Sports Olympic Festivals in Modern Pentathlon**  
**Team Captain for the USA Team at the 1983 Junior World championships in Modern Pentathlon (Bronze Medal)**  
**Training Officer for USA Team in 1984 Olympics in Modern Pentathlon (Silver Medal)**