

contagious. It makes one realize how important history is and we do not want to lose these experiences.—Garrett Tollelle

The tributes, memories, and lives of those who serve or have served in the armed forces must be exalted and above all else never forgotten. Thanks to this interview of United States Marine Corps Major John Lauder, I have first hand insight on the life of a true patriot. Major John Lauder went from only a Cadet, to Captain, 1st Lieutenant, 2nd Lieutenant all the way to where he is now at Major. As I listened to the memories and experience of Major Lauder, it occurred to me the massive amount of courage, dedication, and perseverance it takes to serve. As a marine he has served four tours of duty thus far and is still an honorable member of the Marines. It is to him I owe my understanding of the true hardships that one must take on as a Marine. I hold people like Major John Lauder responsible for my feelings of security and pride in such a beloved country.

The memories of our men in service and veterans are important ones. They are memories that should not be lost. These people have put their lives on the line and triumphed over all odds. I proudly say that Major John Lauder is one of these people. While serving, Major Lauder has truly excelled as a Marine, earning awards such as Iraqi and Afghan campaign medals as well as being decorated for valor. Not only those, but he has also received the Global War on Terrorism Service medal, expeditionary medals, along with a combat action ribbon. Major John Lauder is a truly exemplary person and I give thanks to God for people like him.—Amanda Dees

Colonel James E. Gilliland grew up in a changing time throughout the tides of war and peace. He entered the Air Force as the Korean War had ended, but answered the call to defend his country during the Vietnam War, flying 100 vital reconnaissance missions over North and South Vietnam war zones in a very short amount of time. The dangerous missions which he completed helped to contribute to the key strategies during the war, saving countless American lives. Throughout his tour in enemy skies, he was a highly decorated RF-4C pilot in the United States Air Force, which includes the Silver Star, Distinguished Flying Cross, Legion of Merit, Bronze Star and Air Medals. Even after his combat tours in Vietnam, Colonel Gilliland continued to hold senior command and staff positions in Saigon, Hawaii, Colorado, Texas, England, and eventually Belgium. Not only was this man a hero throughout his career with the Air Force, but he is also my grandfather, a man I hold in the highest regard. Hearing his story, which even now is hard for him to tell, has helped me to better understand just how much he has sacrificed for his country.—Trevor Ede

What Corbett Reagan accomplished was a 6 month tour (1990–1991) of duty in Iraq during Operation Desert Storm where he specialized in anti-tank gunning. He was the recipient of the Meritorious Unit Award, the Valorous Unit Citation, and the Kuwait Liberation Medal. What I gained from this interview experience was how committed Corporal Reagan was to his country. It was part of his heart and soul to be a Marine and serve our nation, particularly growing up in a military family. I also was struck by the influence the Marines and his overall service in Kuwait/Iraq during Operation Desert Storm had in molding him into a man of character. Being in the Marines shaped his life in many ways, particularly in helping him understand the issues of life and death, obtaining his education, the importance of family and friends, as well as gaining an appreciation for what it means to live in this great nation of ours.—Lauren Hill

Lieutenant Colonel Richard Castle was born in 1946 in Rochester, New York. His decision to join the Army was voluntary but also influenced by his family. His grandfather had served in the Navy during WWI while his own father had been a captain in the air corp. Even his brother had served in the United States Army during the Vietnam War. Richard served in the Vietnam War as a logistics officer. During his entire military career, Richard reached the position of 5th corp commander under a three star general. At the end of his military career, he reached the position of lieutenant colonel for his incredible service. The things I learned from Lieutenant Colonel Richard Castle were so astounding and intriguing. He seemed like a man who genuinely cared about his country and had loved serving in the Army. It made me gain a much greater appreciation for the men and women in the service right now. Talking on the phone with him, I realized how much of an ordinary person Mr. Castle was. Yet for him to have done so much for the Army is absolutely amazing. His story truly shows that anyone can serve the country and be an inspiration.—Lisa Hu

Colonel Vernon David Gores was born on December 27, 1929 in Bisbee, North Dakota. He grew up exposed to the agricultural environment of North Dakota, in addition to the small city life of Fargo, North Dakota. Vern Gores graduated from North Dakota State University with a degree in civil engineering in 1951. While there he attended ROTC, then entered the United States Air Force as a second lieutenant and attended flight school. Vern served in several capacities for the Air Force. For most of his Air Force career, Vern served as a pilot for transport (C-46) and reconnaissance aircraft (EC-121). He also advised an ROTC unit. He held positions of operations officer, commander advisor to the National Guard, and inspector general. Vern lived across the nation and internationally during his career. After North Dakota he lived in Alabama, Oklahoma, Illinois, Vermont, California, Massachusetts, Florida, and Ohio. He also served in several foreign countries: Japan, South Korea, Libya, Vietnam, and Thailand. Vern served in the Korean conflict and Vietnam. He remembers the Cuban Missile Crisis and the “ongoing” Cold War.

Vern retired from the Air Force at the rank of Full Colonel in 1979 at Wright-Patterson AFB, Ohio after 28 years of service. He has been awarded the Legion of Merit, Air Medal, and Bronze Star recognitions. Today Colonel Gore lives in the Villages of Lady Lake, Florida with his wife Colleen. They have been married for more than fifty years. They have one son, two daughters, and five grandchildren. His family is very proud of his accomplishments. He served with untiring effort, superior intellect, and uncompromising values of honesty, integrity, and loyalty. The nation and our family are fortunate to be associated with him.—Garrett McDaniel

PERSONAL EXPLANATION

HON. HILDA L. SOLIS

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Thursday, March 13, 2008

Ms. SOLIS. Madam Speaker, during rollcall vote No. 120, on motion to adjourn, I was unavoidably detained. Had I been present, I would have voted “no.”

INTRODUCTION OF THE PATHWAY FOR BIOSIMILARS ACT

HON. ANNA G. ESHOO

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Thursday, March 13, 2008

Ms. ESHOO. Madam Speaker, the field of biotechnology is the future of medicine. Scientists and doctors are just beginning to scratch the surface of the potential to harness the extraordinary power of biology and the astounding natural processes which occur in the human body, in animals, and in other living organisms to advance breakthrough medical discoveries and treatments. While ordinary pharmaceuticals primarily treat the symptoms of a disease or illness, biotechnology products—“biologics”—can be manipulated to target the underlying mechanisms and pathways of a disease.

Through the study of biotechnology, we will develop effective treatments for cancer and AIDS, many of which are already saving lives. We will cure diabetes. We will prevent the onset of deadly and debilitating diseases such as Alzheimer's, heart disease, Parkinson's, multiple sclerosis and arthritis. We will save millions of lives and improve countless more.

The development of biologics is expensive and extremely risky. Bringing a biologic to market can require hundreds of millions of dollars in research and development costs and can take several years. For every successful biologic, there are another 10 or 20 that do not pan out, making the incentives for investment in this field extremely sensitive to any changes in the regulatory structure for biologics.

In the relatively young industry of biotechnology, many of the original patents on biologics are beginning to expire and it's appropriate for Congress to consider how “follow-on” biologics or “biosimilars” are considered and approved by the FDA, and the impact these products will have on patient health and safety, health care costs, and incentives for innovation.

As a primary matter, it's important to recognize that traditional “small-molecule” pharmaceuticals and biologics are fundamentally different in their development, their manufacture and their chemical makeup. A traditional small-molecule drug is manufactured through synthesis of chemical ingredients in an ordered process, and the resulting product can be easily identified through laboratory analysis. A biologic is a large, complex molecule, which is “grown” in living systems such as a microorganism, a plant or animal cell. The resulting protein is unique to the cell lines and specific process used to produce it, and even slight differences in the manufacturing of a biologic can alter its nature. As a result, biologics are difficult, sometimes impossible to characterize, and laboratory analysis of the finished product is insufficient to ensure its safety and efficacy.

The pharmaceutical drug production process is easily replicated and a “generic” drug product is virtually identical to the original innovative product, so generic drug manufacturers are permitted to reference the original testing data submitted by the innovator companies when the original drug is submitted to the FDA for approval. With biologics, the manufacturing process is unique to each biologic and is not