

Scuds, once a Scud was launched, the U.S. had no means to stop the Scud except for the short-range Patriot. Iraq was able to effectively use space for its ballistic missiles as the U.S. had no ballistic missile defenses in space.

#### HEAVY LIFT BOOSTER

The U.S. has needed a heavy lift booster capability for decades. While the Space Shuttle comes close to meeting this need, its payload has been cutback for safety considerations. Lockheed Martin's Titan IV-B is still proving itself, and lacks the capability for launching large, very heavy payloads such as a laser for missile defense.

The opening of the international space launch market to international consortiums has resulted in the development of heavy lift booster capability by Russia, China, and Europe's Ariane. Free trade issues would call for laissez-faire. In some respects, the application of Nunn-Lugar to the Proton launch vehicle has blurred free trade and defense issues for the goal of softening Russia's economic collapse.

Concern over the transfer of critical ballistic missile and satellite technology to Russia can be tempered with the knowledge that Russia has developed sophisticated ballistic missile technology. U.S. policy, however, needs to take on broader view.

1. We need to clarify our foreign policy goals with Russia. The support of free enterprise and democracy must continue in this country in transition.

2. We need to develop a U.S. heavy lift booster, if only because we will not be able to rely on international consortiums in time of war.

The class of heavy lift booster we need should be capable of putting into orbit a payload of the same size and weight as a chemical Space Based Laser. This would call for a payload bay capable of supporting an 8 meter diameter mirror (possibly larger), and a payload weight of nearly 80,000 pounds. Furthermore, this heavy lift booster will need to be capable of launching this payload into Medium Earth Orbit, at altitudes of about 600-750 miles.

#### SPACE POLICY

Space is a medium for the projection of global power, a theater for deploying ballistic missile defenses, and a frontier for development. German rocket scientists in World War II recognized the potential of space for world-wide domination, developing the German V-2 as a precursor to building intercontinental ballistic missiles, and developing plans for a large solar lens and spaceplanes such as the Sanger glide bomber that would use the upper atmosphere to coast to targets around the world.

The threat of long range ballistic missiles armed with nuclear weapons became obvious to defense leaders and scientists in the 1950s. They wanted to use space for intercepting and destroying long range ballistic missiles. The 1958 "Argus" experiment, exploding small nuclear warheads in space to energize electrically charged particles, was an attempt

to devise a global approach to ballistic missile defense using space. On another track, Project Defender anticipated the use of space for deploying interceptors to defend against long range ballistic missiles.

Development of a U.S. heavy lift booster is essential for the U.S. to realize its future in space. Space is essential for deploying ballistic missile defenses, especially high energy lasers that can take advantage of the long lines of sight found in space, and offer a boost phase defense capability with their speed of light operation.

Space is at the edge of being developed as a medium for the projection of global power, a theater for operating defenses against intermediate and long range ballistic missiles, and an economic frontier, especially with the discovery of water on the moon.

How we develop space is critical. We will need to deploy ballistic missile defenses in space, and we will need to defend our investment in space against the encroaching programs of China and Russia. Space also offers itself as a medium for applying and developing advanced technology, and can restore our leadership in defense and advanced technology.

It will do very little good for the U.S. to deny itself the use of the Russian Proton heavy lift booster, especially when the Clinton administration has not taken the lead in creating a U.S. heavy lift booster. For the sake of its future in space and its defense, the U.S. needs to build its own heavy lift booster.

Mr. Speaker, Mr. Hughes has provided insightful considerations and recommendations for the development of future U.S. space policy. Such informed and practical forward-thinking by American men and women is what made our nation the world's economic, political, military, and industrial superpower.

### ELLIS ISLAND MEDALS OF HONOR AWARDS CEREMONY

#### HON. DAN BURTON

OF INDIANA

IN THE HOUSE OF REPRESENTATIVES

Tuesday, June 22, 1999

Mr. BURTON of Indiana. Mr. Speaker, I submit the following:

ELLIS ISLAND MEDALS OF HONOR AWARDS CEREMONY—NECO CHAIRMAN WILLIAM DENIS FUGAZY LEADS DRAMATIC CEREMONY

ELLIS ISLAND, NY, May 8.—Standing on the hallowed grounds of Ellis Island—the portal through which 17 million immigrants entered the United States—a cast of ethnic Americans who have made significant contributions to the life of this nation were presented with the coveted Ellis Island Medal of Honor at an emotionally uplifting ceremony.

NECO's annual medal ceremony and reception on Ellis Island in New York Harbor is

the Nation's largest celebration of ethnic pride. Representing a rainbow of ethnic origins, this year's recipients received their award in the shadow of the historic Great Hall, where the first footsteps were taken by the millions of immigrants who entered the U.S. in the latter part of the nineteenth century. "Today we honor great ethnic Americans who, through their achievements and contributions, and in the spirit of their ethnic origins, have enriched this country and have become role models for future generations," said NECO Chairman William Denis Fugazy. "In addition, we honor the immigrant experience—those who passed through this Great Hall decades ago, and the new immigrants who arrive on American soil seeking opportunity."

Mr. Fugazy added, "It doesn't matter how you got here or if you already were here. Ellis Island is a symbol of the freedom, diversity and opportunity—ingredients inherent in the fabric of this nation. Although many recipients have no familial ties to Ellis Island, their ancestors share similar histories of struggle and hope for a better life here."

Established in 1986 by NECO, the Ellis Island Medals of Honor pay tribute to the ancestry groups that comprise America's unique cultural mosaic. To date, approximately 1,100 ethnic American citizens have received medals.

NECO is the largest organization of its kind in the U.S. serving as an umbrella group for over 250 ethnic organizations and whose mandate is to preserve ethnic diversity, promote ethnic and religious equality, tolerance and harmony, and to combat injustice, hatred and bigotry. NECO has a new goal in its humanitarian mission: saving the lives of children with life-threatening medical conditions. NECO has founded The Children of the World Foundation which brings children from developing nations needing life-saving surgery to the United States for treatment. This year alone, NECO's efforts have helped save the lives of six infants from around the world.

Ellis Island Medal of Honor recipients are selected each year through a national nomination process. Screening committees from NECO's member organizations select the final nominees, who are then considered by the Board of Directors.

Past Ellis Island Medal of Honor recipients have included several U.S. Presidents, entertainers, athletes, entrepreneurs, religious leaders and business executives, such as William Clinton, Ronald Reagan, Jimmy Carter, Gerald Ford, George Bush, Richard Nixon, George Pataki, Mario Cuomo, Bob Hope, Frank Sinatra, Michael Douglas, Gloria Estefan, Coretta Scott King, Rosa Parks, Elie Wiesel, Muhammad Ali, Mickey Mantle, General Norman Schwarzkopf, Barbara Walters, Terry Anderson and Dr. Michael DeBakey.

#### CONGRATULATIONS TO THE 1999 ELLIS ISLAND MEDAL OF HONOR RECIPIENTS

#### MEDALIST LIST 1999

Name	Heritage	Occupation
Joseph V. Adamec	Slovak	Religious Leader.
Roger E. Alles	English/Scottish	Media Executive.
Frank Andrea, Jr.	Italian	Business Leader.
Karl G. Andren	Finnish	Business Leader.
Thomas A. Athens	Hellenic	Business Leader.
Inge Auerbacher	German	Chemist/Author/Lecturer.
Adrien Barbey	Swiss	Restaurateur.
William G. Barry	Irish/Dutch	Business Leader.
Hans W. Becherer	German	Business Leader.
Marylou Berk	Italian	Business Leader.
Morris Biller	Austrian/Hungarian	Labor Leader.
Karl L. Boeckmann	German	Business Leader.
Nicholas J. Bouras	Hellenic	Business Leader.
Douglas W. Brandrup	Danish	Attorney/Business Leader.
Richard L. Bready	Irish	Business Leader.
David V.B. Britt	Welsh/English	Educational Communitor.

## MEDALIST LIST 1999—Continued

Name	Heritage	Occupation
Bard E. Bunaes .....	Norwegian	Business Leader.
Renzo C. Casellini .....	Swiss	Business Leader.
Ping Kee Chan .....	Chinese	Community Leader.
Richard F. Chormann .....	German	Business/Community Leader.
Hillary Clinton .....		Author, Attorney, Children's Advocate.
John E. Connelly III .....	Irish/English/German	Military Officer.
Tony Conza .....	Italian	Entrepreneur/Business Leader.
Antonia Cortese .....	Yugoslavian/Italian	Educator/Labor Leader.
Richard Clarke Crabtree .....	Irish	Entrepreneur.
Robert M. Devlin .....	Irish	Business Leader.
Derek E. Dewan .....	Lebanese	Business Leader.
Arturo DiModica .....	Italian	Artist.
Martin P. Doolan .....	Irish	Business Leader.
Theofanis V. Economidis .....	Hellenic	Community Leader.
Peter C. Economus .....	Hellenic	US District Judge.
Riad Farah, M.D. ....	Palestinian/Syrian	Physician.
Frank A. Fariello .....	Italian	Business Leader.
Andrew Farkas .....	Hungarian/German	Business Leader.
Herbert Feinberg .....	Russian/Polish	Business Leader.
Lawrence J. Ferolie .....	Italian	Business Leader.
George N. Fishman .....	Russian/Austrian	Business Leader.
Joe T. Ford .....	Irish	Business Leader.
M. Irene Fugazy .....	Irish/Italian	Author/Educator.
George N. Fugelsang .....	Danish/English/Swiss	Business Leader.
Mark E. Galantowicz .....	Polish	Surgeon.
Richard D. Gidron, Sr. ....	African	Business Leader.
Rosa Maria Gil .....	Cuban	Government Health Leader.
Tom Gleason .....	Irish	Business Leader.
John Glenn .....		Astronaut/Former US Senator.
Marc Goldman .....	Russian/Polish	Business Leader.
Ernest P. Gonzalez .....	Nicaraguan/Panamanian	Business Leader.
Virginia Hanrahan .....	Irish	Community Leader.
Fred Hassan .....	Pakistani	Business Leader.
James A. Henderson .....	Scottish	Business Leader.
William J. Hudson .....	Eng/Welsh/French	Business Leader.
H. Wayne Hutzenga .....	Dutch	Business Leader/Entrepreneur.
Constantine Iordanou .....	Cypriot	Business Leader.
Thomas S. Johnson .....	Swedish/Irish	Business/Community Leader.
Quincy Jones .....	African	Producer/Composer.
Richard J. Kaminski .....	Polish/Ukrainian	Business Leader.
George Kantakis .....	Hellenic/Italian	Business Leader.
Constantine N. Katsoris .....	Hellenic	Educator.
Raymond J. Kayal, Sr. ....	Syrian	Business Leader.
Patrick E. Kelleher .....	Irish	Law Enforcement Officer.
Sue Kelly .....	German	Member of Congress.
Jeong H. Kim .....	Korean	Business Leader.
Lila Kim .....	Korean	Artist/Community Leader.
Emanuel M. Kontokosta .....	Hellenic	Entrepreneur.
Edward Kopko .....	Polish	Business Leader.
Arthur G. Koumantzellis .....	Hellenic	Business Leader.
Robert Kenneth Kraft .....	Russian/Polish	Business Leader/Entrepreneur.
Ute Wolff Lally .....	German	Justice.
Frank Lanza .....	Italian	Business Leader.
Michael D. Lappin .....	Russian	Community Leader.
Peter N. Larson .....	Norwegian/Eng/Ger	Business Leader.
Kun Y. Lee .....	Korean	Community Leader.
Kenneth R. Leibler .....	German/Austrian	Business Leader.
Vernon R. Loucks Jr. ....	Dutch/Eng/Welsh	Business Leader.
Alex Machaskee .....	Yugoslavian	Publisher.
Paula Madison .....	Jamaican/Chinese	Television News Executive.
Nadine Malone .....	Irish/German	Business Leader.
Nick Mamalakis .....	Hellenic	Community Leader.
Andrew E. Manatos .....	Hellenic	Community Leader.
Charles Marangoudakis .....	Hellenic	Entrepreneur.
Victor Marrero .....	Puerto Rican	Ambassador.
Rose Mattus .....	Irish/Russian	Business Leader/Entrepreneur.
John M. Mavroudis .....	Hellenic	Business Leader.
H. Carl McCall .....	African	NYS Comptroller.
Richard D. McCormick .....	Irish	Business Leader.
Marianne McDonald .....	Irish	Educator/Author.
James M. McGuire .....	Irish	Attorney.
Robert Merrill .....	Polish	Opera Baritone.
Barbara A. Mikulski .....	Polish	United States Senator.
Edward D. Miller .....	Lithuanian/Italian	Business Leader.
Jolene Moritz Molitoris .....	Polish/Slovakian	Administrator/Federal Railroad Adminis.
William T. Monahan .....	Irish	Business Leader.
Angelo R. Mozilo .....	Italian	Mortgage Industry Leader.
Joseph T. Mullen .....	Scottish/Irish	Business Leader.
Arthur Nadata .....	Danish	Entrepreneur.
Vincent J. Naimoli .....	Italian	Business Leader.
Carolann S. Najarian, MD .....	Armenian	Physician.
Robert C. Nakasone .....	Japanese	Business Leader.
Wayne Newton .....	Native American/Irish/German	Entertainer/Actor.
Raymond T. O'Keefe, Jr. ....	Irish/English/Dutch	Business Leader.
Thomas D. O'Malley .....	Irish	Business Leader.
Peter L. O'Neill .....	Irish	Business Leader.
Nicholas P. Papadakos .....	Hellenic	Jurist.
Tom Pappas .....	Hellenic	Educator/Labor Leader.
Poozant Piranian .....	Armenian	Community Leader.
John J. Pomerantz .....	Polish/Austrian	Business Leader.
Lois Berrodin Pope .....	French/Welsh	Community Leader/Philanthropist.
Charles G. Preble .....	Eng/French/Irish	Business Leader.
Heinz C. Prechter .....	German	Business Leader/Entrepreneur.
Richard B. Priory .....	Irish/Eng/Dutch	Business Leader.
Rodney R. Proto .....	Italian	Business Leader.
Max Recone .....	Ukrainian/Polish	Business Leader.
William Rehngquist .....	Swedish	Chief Justice.
Victor M. Richel .....	Italian	Business Leader.
Richard Dean Rockwell .....	Austrian	Business Leader.
Eric A. Rose, MD .....	Russian/Austrian	Physician.
Jack Ryan .....	Irish	Labor Leader.
Edward San Luis .....	Filipino/English	Business Leader.
Michael Sawruk .....	Ukrainian	Entrepreneur.
Lewis D. Schillo .....	Italian	Law Enforcement Officer.
Irving Schneider .....	Russian	Business Leader.
Berge Setrakian .....	Armenian/Lebanese	Community Leader.
Richard C. Shadyac .....	Lebanese/Irish	Non-Profit CEO.
Clarence O. Smith .....	African	Entrepreneur.
Joseph A. Spinelli .....	Italian	Business Leader.
Nicholas J. St. George .....	Italian	Business Leader.
Dickran Tevrian .....	Armenian	Judge.
Charles F. Thomas .....	Irish/English	Business Leader.

MEDALIST LIST 1999—Continued

Name	Heritage	Occupation
Marlo Thomas .....	Lebanese/Italian	Actress, Producer, Social Activist.
John M. Tsimbinos .....	Hellenic	Business Leader.
Nicholas A. Tzimas, MD .....	Hellenic	Physician.
Louis V. Varone .....	Italian	Real Estate Broker.
George R. Wackenhut .....	German	Business Leader.
Christine M. Warnke .....	Hellenic/German	Community Leader.
Mark H. Willes .....	English	Business Leader.
Susan J. Willis .....	Russ/Eng/Pol/Aust	Community Leader/Entrepreneur.
John Wren .....	Irish	Business Leader.
Alejandro Yemenidjian .....	Armenian	Business Leader.
George Younan, MD .....	Lebanese	Diplomat in Internal Medicine.