Passport to Prosperity

All-Stars for America

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"Immigration is not a problem to be solved. It is a sign of a confident and successful nation, and people who seek to make America their home should be met in that spirit by representatives of our government."

- President George W. Bush, July 2001 -

"More than any other nation on Earth, America has constantly drawn strength and spirit from wave after wave of immigrants. In each generation, they have proved to be the most restless, the most adventurous, the most innovative, the most industrious of people. Bearing different memories, honoring different heritages, they have strengthened our economy, enriched our culture, renewed our promise of freedom and opportunity for all."

- President William Jefferson Clinton, June 1998 -

Remember that when you say, "I will have none of this exile and this stranger for his face is not like my face and his speech is strange," you have denied America with that word.

- Stephen Vincent Benet -

(A)s we secure America from terrorists, we do not want to risk losing the next Enrico Fermi or Albert Einstein…We would be a far poorer nation in many, many ways.

- Tom Ridge, Secretary of the Department of Homeland Security, April 2003 -

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We stand at an intriguing inflection point. The United States, which has for years enjoyed an undisputed eminence in attracting the best and brightest from Europe, Asia, Africa, India and all countries of the world, seems poised to surrender its lead.

- Carnegie-Mellon Software Industry Center, "Europe in the Creative Age," February 2004 -

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We must ensure that immigration and other policies that affect immigration by highly skilled individuals are designed to encourage them to stay.

- President's Council of Advisors on Science and Technology (PCAST), "Assessing the U.S. R&D Development," October 2002 -

The United States has a long history of welcoming immigrants to its shores. From the beginning, the foreign-born have made significant contributions to virtually every aspect of American society.

Highly educated and entrepreneurial immigrants in particular, have helped build an economy that is the envy of the world. They have come to America seeking opportunity, and have left their mark by building businesses, making advances in science, medicine and technology, and enhancing American culture and quality of life.

These contributions drive economic growth and job creation, and help keep America competitive.

Current U.S. immigration policies discourage many highly educated foreigners from coming to this country to study and work, and make it impossible for U.S. companies, educational and research institutions, and medical facilities to bring valuable talent to America. By making it more difficult for many of the brightest minds in the world to come to this country, we are endangering our long-term economic future.

While national security is of the utmost importance, the United States must reform its visa and immigration policies to ensure that America can continue its long tradition of welcoming the brightest minds in the world to live and work here.

On the following pages, you will meet just a few of the many highly accomplished immigrants who have come to America and made their mark.

America, not just the nation but an idea, alive in the minds of people everywhere. As this new world takes shape, America stands at the center of a widening circle of freedom-today, tomorrow, and into the next century. Our nation is the enduring dream of every immigrant who ever set foot on these shores, and the millions still struggling to be free. This nation, this idea called America, was and always will be a new world-our new world.

- President George H.W. Bush -

"I've spoken of the shining city all my political life, but I don't know if I ever quite communicated what I saw when I said it. But in my mind it was a tall proud city built on rocks stronger than oceans, windswept, God-blessed, and teeming with people of all kinds living in harmony and peace, a city with free ports that hummed with commerce and creativity, and if there had to be city walls, the walls had doors and the doors were open to anyone with the will and the heart to get here."

- President Ronald Reagan -

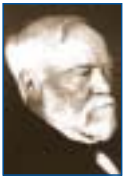
"We become not a melting pot but a beautiful mosaic. Different people, different beliefs, different yearnings, different hopes, different dreams."

- President Jimmy Carter -

Private Sector

Everywhere immigrants have enriched and strengthened the fabric of American life.

- John F. Kennedy -



Andrew Carnegie left Scotland as a child. In America, he quickly advanced from a cotton mill worker to the leader of a company that at one time controlled 25 percent of American iron and steel production. His life exemplifies the possibilities immigrants seek when they come to America. His hard work, determination, and entrepreneurial instincts created much of the capacity upon which all other industrialization was dependent. Moreover, his remarkable philanthropy advanced many of the institutions catapulting American intellectualism into the future.

Like Andrew Carnegie, the world's best and brightest have long been drawn to America for the freedoms and rewards it offers those daring to do more. And, they have given back to this nation in full measure. Yesterday's Scottish-born industrialist and his steel-production modernizations may be tomorrow's Indian-born computer scientist and his service-redefining high technology innovation.

These are just a few of the foreign-born men and women who today, through their hard work and leadership, develop new products, build businesses, create jobs, and advance the U.S. economy as a whole.

India

Ramani Ayer

Born in India

Chairman of the Board, President & Chief Executive Officer
The Hartford (insurance and financial services)
Connecticut

Earned his B.S. from the Indian Institute of Technology, M.S. and Ph.D. degrees from Drexel University in Philadelphia.

Company employs 29,000 worldwide, 27,000 in the U.S. with revenues of $18.7 billion in 2003.

Morocco

Alain Belda

Born a Brazilian citizen in French Morocco

Chairman of the Board & Chief Executive Officer
Alcoa (metal industrial and consumer products)
Pennsylvania

Worked his way up through Alcoa over 31 years becoming Chairman and CEO in 2001.

Company employs 120,000 in 41 countries with revenues of $21.5 billion in 2003.

Charlie Bell

Born in Australia

President & Chief Executive Officer
McDonald's (food service)
Illinois

Australia

Began at age 15 as a part-time crew member at a McDonald's restaurant in Sydney; became Australia's youngest store manager at 19, a vice president at 27 and a member of the Australian board of directors by 29.

Oversees operations in more than 30,000 McDonald's restaurants in 119 countries, serving an estimated 47 million customers each day. Company earned $17.1 billion in revenues in 2003.

No other issue compares in seriousness to that of the deficit in human resources. For the past 30 or 40 years, the United States has substantially depended on the brainpower of people who came here as immigrants--students or faculty, permanently or temporarily. But as other countries continue to build their own bases in science and technology and increase their levels of industrialization, fewer qualified people will come to the United States or stay here.

- Erich Bloch, former director of the National Science Foundation, 2003 -

Russia

Sergey Brin

Born in Russia (then the U.S.S.R.)

Co-founder & President
Google (Internet search engine)
California

Received a B.S. in mathematics and computer science from the University of Maryland.

Founded the Internet's top search engine. Company employs approximately 1,000 people and generated nearly $1 billion in revenues in 2003.

India

Rono Dutta

Born in India

Former President
United Airlines (consumer air travel)
Illinois

Earned a B.S. from Indian Institute of Technology and an M.B.A. from Harvard.

Operated the world's largest airline with over 65,000 employees, flights to over 130 cities on 5 continents; and 238,000 passengers each day. Company earned $13.7 billion in revenues in 2003.

Andy Grove

Hungary

Born in Hungary

Founder & Chairman of the Board
Intel (information technology)
California

Graduated from the City College of New York and received a Ph.D. from the University of California, Berkeley.

Was part of the team that founded Intel in 1968; became President in 1979, CEO in 1987, and Chairman in 1997.

Company employs more than 78,000 people in 48 nations with revenues of $30.1 billion in 2003.

Carlos M. Gutierrez

Cuba

Born in Cuba

Chairman of the Board & Chief Executive Officer
Kellogg (food products)
Michigan

Studied business at the Monterrey Institute of Technology, Mexico.

Named Chairman and CEO in 1996 after 20 years with the company.

Company employs 25,000 people with $8.8 billion in net sales in 2003.

Almost thirty percent of the actively employed Science and Engineering doctorate holders in the United States are foreign born, as are many postdocs. Most of those working in the United States (excluding postdocs) obtained their doctorates from U.S. universities.

- National Science Foundation
"Science and Engineering Indicators," May 2004 -

Pakistan

Fred Hassan

Born in Pakistan

Chairman of the Board & Chief Executive Officer
Schering-Plough (pharmaceuticals)
New Jersey

Received a B.S. in engineering from the University of London and an M.B.A. from Harvard.

Company employs 30,500 worldwide with net sales of $83 billion in 2003. Products target treatments for asthma, arthritis, heart disease, cancer, and hepatitis.

E. Neville Isdell

Ireland

Born in Ireland

Chairman of the Board & Chief Executive Officer
Coca Cola (food products)
Georgia

Earned a B.S. from the University of Cape Town, South Africa, and studied at the Harvard Business School.

Joined Coca Cola in 1966; elected Chairman and CEO in 2004.

Company employs 9,800 people in the U.S., 49,000 worldwide with net revenues of $21 billion in 2003.

Subrah Iyar

India

Born in India

Co-founder, Chairman of the Board & Chief Executive Officer
WebEx Communications (telecom and web services)
California

Graduated from the India Institute of Technology.

Company employs 29,272 in more than 550 branch offices across the United States with revenues of $189 million in 2003.

India

Farooq Kathwari

Born in India

Chairman of the Board & Chief Executive Officer
Ethan Allen Interiors (home furnishings)
Connecticut

Received a B.A. from Kashmir University and an M.B.A. from New York University.

Company employs 7,600 with revenues of $907 million in 2003. Ninety percent of Ethan Allen products are made in the U.S. at 16 manufacturing facilities.

India

Vinod Khosla

Born in India

Co-founder, **Sun Microsystems** (information technology)
General Partner, **Kleiner Perkins Caulfield Byers** (investment)
California

Received a B.S. in Electrical Engineering from the India Institute of Technology.

Works as a Managing Partner at Kleiner Perkins Caulfield Byers – one of the most successful venture capital firms in the U.S.

Co-founded Sun, which employs more than 35,000 people around the world and had revenues of $11.4 billion in 2003.

Fred Langhammer

Germany

Born in Germany

President & Chief Executive Officer
Estee Lauder (cosmetics and toiletries)
New York

Educated in Germany, Canada and Japan.

Honored by the International Center in New York as a foreign-born citizen who has made a significant contribution to American life.

Oversees 20,000 full-time employees worldwide with operations generating $5.1 billion in revenues in 2003.

"The size of the future workforce, excluding immigrants, and the size of the future retired population are relatively simple to project from today's age distribution. The level of immigration, both legal and illegal, will be dominated by public policy decisions and by economic forces, both in the United States and in the countries from which our immigrants are drawn. This forecast is more problematic, and its level matters: Over the past decade, for example, immigration accounted for approximately one-third of the increase in our workforce. The larger our workforce in 2010 and beyond, the easier producing goods and services for both retirees and active workers will be. Immigration policy will, therefore, be a key component of baby-boom retirement policy."

- Alan Greenspan, Chairman, Federal Reserve Bank of the United States, March, 2002 -

Henry (Hank) McKinnell, Jr.

Born in Canada

Chairman of the Board & Chief Exeuctive Officer
Pfizer (pharmaceuticals)
New York

Canada

Earned a B.S. from University of British Columbia, M.B.A. and Ph.D. degrees from Stanford University Graduate School of Business. Started with Pfizer in 1971.

Awarded the 2003 United Nations Association of the United States of America's Global Leadership Award; serves on the Presidential Advisory Council on HIV/AIDS.

Oversees the world's largest research-based pharmaceutical company with 2003 revenues of $45.2 billion and 122,000 employees worldwide.

Macau

Jinny Ming

Born in Macau

Chief Executive Officer
Old Navy (division of The Gap, clothing retailer)
Ohio

Earned a B.A. from San Jose State University.

Started with The Gap in 1986; tapped to launch Old Navy in 1999.

Oversees more than 800 Old Navy stores across the U.S. and Canada.

Jacques Nasser

Lebanon

Born in Lebanon

Former Chief Executive Officer
Ford Motor (automotive)
Michigan

Earned a B.S. from Royal Melbourne Institute of Technology in Australia.

Oversaw 370,000 employees and operations that earned well over $100 billion in revenues while at Ford.

Voted Automobile Industries Man of the Year, 1999.

Pierre Omidyar

France

Born in France

Founder & Chairman of the Board
eBay (Internet resales)
California

Received a B.S. from Tufts University in Cambridge, Massachusetts.

Founded eBay in 1995 to trade PEZ candy dispensers online.

Company employs approximately 5,200 people; reported revenues of $2.4 billion in its last fiscal year; and facilitated transactions worth over $20 billion in 2003.

Argentina

Hector Ortino

Born in Argentina

Chairman of the Board, President & Chief Executive Officer
Ferro (chemicals and plastics)
Ohio

Received a Certified Public Accounting degree from Buenos Aires University.

Oversees 7,000 employees engaged in operations in 20 countries with sales of $1.6 billion in 2003.

India

Suhas Patil

Born in India

Founder & Chairman Emeritus
Cirrus Logic (electronics)
Texas

Earned a B.S. from Indian Institute of Technology, M.S. and Ph.D. degrees from the Massachusetts Institute of Technology.

Company employs approximately 900 people with revenues of $262 million in 2003.

Donated $1.5 million to M.I.T. toward a Laboratory for Computer Science in hopes of bringing people of diverse backgrounds together on a much larger scale.

Jay Sidhu

India

Born in India

Chairman of the Board, President & Chief Executive Officer
Sovereign Bank (financial services)
Pennsylvania

Studied at Banares University and Cambridge before earning his M.B.A. from Wilkes University.

Recognized as Financial World's CEO of the Year and was a 1996 Turnaround Entrepreneur of the Year.

Oversees 535 community bank offices and 8,300 employees with $55 billion in assets.

Henrick Slipsager

Denmark

Born in Denmark

President & Chief Executive Officer
ABM Industries (facilities management)
California

Earned an M.B.A. and a Certificate in Public Accounting.

Manages largest provider of business facility services listed on the New York Stock Exchange with 68,500 employees and $2.2 billion in income in 2003.

Morocco

Sidney Taurel

Born a Spanish citizen in Morocco

Chairman of the Board, President & Chief Executive Officer
Eli Lilly (pharmaceuticals)
Indiana

Attended Ècole des Hautes Ètudes Commerciales in Paris; earned an M.B.A. from Columbia University.

Joined Lilly in 1971 and worked his way from marketing associate to CEO.

Oversees 15,000 employees in the U.S. and 43,000 worldwide with 2003 sales in excess of $1.6 billion.

Finland

Linus Torvalds

Born in Finland

Founder
Linux (information technology)
New York

Studied at Helsinki University.

Created Linux operating system at age 22.

Offered on the Web for free user download, Linux is becoming a dominant operating system, particularly among the world's largest corporate data centers.

There is striking anecdotal evidence of immigrants' contributions in this (high technology) sector not only as workers, but also as entrepreneurs and inventors.

- Committee for Economic Development (CED)
"Reforming Immigration: Helping Meet America's Need for a Skilled Workforce," 2001 -

Jerry Yang

Born in Taiwan

Co-founder and Director
Yahoo! (Internet)
California

Taiwan

Earned B.S. and M.S. degrees in electrical engineering from Stanford University; currently on a leave of absence from Stanford's electrical engineering Ph.D. program.

Co-founded Yahoo! in 1994 and was instrumental in building Yahoo! into the world's most highly trafficked Web site.

Company employs 3,600; serves 263 million unique users annually; and had sales of $1.6 billion in 2003.

PUBLIC SECTOR

Remember, remember always, that all of us... are descended from immigrants and revolutionists.

- Franklin D. Roosevelt -

Felix Frankfurter was born in Austria and emigrated to the U.S. as a child. After receiving his law degree from Harvard, he quickly established his reputation, not only as a very effective attorney, but also as a passionate activist on behalf of civil liberties. Amidst the intrigues of the "Red Scare," Frankfurter stepped forward as a founding member of the American Civil Liberties Union. He was a trusted adviser to Franklin Roosevelt and was appointed by F.D.R. to the Supreme Court in 1939.

The same political freedoms pursued and guarded by Supreme Court Justice Frankfurter still draw people to our shores. Once here, many immigrants strive to give back through public service. Their appreciation for America's gift of liberty and their understanding of other cultures have benefited this nation's foreign policy, domestic governance and law-making capacity.

These are just a few of the contemporary immigrants whose service to our nation has, and continues to advance the tenets of the Constitution Frankfurter felt his duty to defend.

Cuba

Eduardo Aguirre

Born in Cuba

Director
U.S. Citizenship and Immigration Services
February 2003 – present

Earned his B.S. from Louisiana State University and a graduate degree from American Bankers Association's National Commercial Lending Graduate School.

Rated "one of the 100 most influential Hispanics in the nation" by Hispanic Business Magazine.

Leads a team of 15,000 who service over 6 million applicants each year.

Czechoslovakia

Madeline Albright

Born in Czechoslovakia

U.S. Secretary of State
1997 – 2001

Earned her B.A. from Wellesley College then studied at the School of Advanced International Studies at Johns Hopkins University; received a Certificate from the Russian Institute at Columbia University and her master's and doctorate degrees from Columbia University's Department of Public Law and Government.

First female Secretary of State and highest-ranking woman in the history of the U.S. government.

Also served as the U.S. Permanent Representative to the U.N. from 1993 through 1996 and as a staff member for the National Security Council.

Zbigniew Brzezinski

Born in Poland

National Security Advisor
1977 – 1981

Poland

Received his undergraduate and graduate degrees from McGill University and a Ph.D. from Harvard University.

Awarded the Presidential Medal of Freedom for his role in the normalization of U.S. – Chinese relations and for his contribution to the human rights and national security policies of the United States.

Designated one of America's Ten Outstanding Men by the U.S. Chamber of Commerce in 1963.

Fernando Caldeiro

Born in Argentina

Astronaut
N.A.S.A.

Argentina

Received a degree in Aerospace Technology from the State University of New York at Farmingdale, a B.S. from the University of Arizona, and an M.S. from the University of Central Florida.

Is lead astronaut in charge of Space Shuttle software testing at the Shuttle Avionics Integration Laboratory.

Appointed by President Bush to serve on the President's Advisory Commission on Educational Excellence for Hispanic Americans.

For the Federal Government workforce, 16 percent of Ph.D. holders in 1999 were born abroad.

- National Science Foundation "The Science and Engineering Workforce: Realizing America's Potential," August 2003 -

Taiwan

Elaine L. Chao

Born in Taiwan

U.S. Secretary of Labor
2001 – present

Earned her B.S. in economics from Mount Holyoke College and her M.B.A. from the Harvard Business School.

Oversees the agency charged with promoting the welfare of U.S. job seekers, wage earners, and retirees by improving their working conditions, protecting their retirement and health care benefits, helping employers find workers, strengthening free collective bargaining, and tracking changes in national economic measurements.

Was former President and CEO of United Way of America.

Nils Diaz

Born in Cuba

Chairman
Nuclear Regulatory Commission
2003 – present

Cuba

Earned his B.S. from the University of Villanova, Cuba, and an M.S. and Ph.D. from the University of Florida.

Oversees the nation's 103 operating nuclear power plants.

Published over 70 peer-reviewed articles ranging from nuclear fuels to nuclear space power and propulsion.

Lincoln Diaz-Balart

Born in Cuba

Member, U.S. House of Representatives
Florida's 21st Congressional District
1992 – present

Cuba

Received his B.A. from the American School of Madrid; earned a diploma in British Politics at Cambridge, England; attended the New College of the University of Florida and received a J.D. from Ohio's Case Western Reserve University Law School.

Is first Hispanic to be given a seat on the House Rules Committee; also serves on the House Select Committee on Homeland Security.

Canada

Jennifer Granholm

Born in Canada

Governor of Michigan
2002 – Present

Received an undergraduate degree from the University of California, Berkeley and a J.D. from Harvard Law School, where she was Editor-in-Chief of the Harvard Civil Rights/Civil Liberties Law Review.

Elected 47th Governor of Michigan; first female governor of the State.

Served as Michigan Attorney General and Detroit federal prosecutor.

Switzerland

Madeline Kunin

Born in Switzerland

Governor of Vermont, 1985 – 1991
U.S. Deputy Secretary of Education, 1993 – 1996
U.S. Ambassador to Switzerland, 1996 – 1999

Studied at Columbia University School of Journalism.

Was the first female governor of Vermont and the only woman to have served three terms as governor of any state.

Established the U.S. Department of Education's Office of Educational Technology and developed an innovative form of lending that resulted in a one-step student loan process and billions in tax savings.

Served as the U.S. Ambassador to Switzerland for three years.

Tom Lantos

Hungary

Born in Hungary

Member, U.S. House of Representatives
California's 12th Congressional District
1981 – Present

Received his B.A. and M.A. degrees in Economics from the University of Washington and a Ph.D. in Economics from the University of California, Berkeley.

Has been a member of the U.S. Congress since 1981 and is the only Holocaust survivor ever to serve in the U.S. Congress.

Holds the position of Ranking Member on the House International Relations Committee; founded the Congressional Human Rights Caucus.

One of the strengths of this country has been our diversity. One of the strengths of this country has been the fact that we are a nation of immigrants.

- Christine Todd Whitman
Former Governor of New Jersey, Former Administrator, EPA -

Cuba

Mel Martinez

Born in Cuba

Secretary
Housing and Urban Development
2001 – 2004

Earned a J.D. from Florida State University College of Law. Practiced law for 25 years in Orlando, where he also served as Vice President of the Board of Catholic Charities for the diocese.

Oversaw activities totaling an estimated $38 billion to advance HUD's mission to increase home ownership, support community development, and increase access to affordable housing free from discrimination.

Mexico

Ciro D. Rodriguez

Born in Mexico

Member, U.S. House of Representatives
Texas' 28th Congressional District
1997 – Present

Received his B.A. from St. Mary's University; received his Masters of Social Work from Our Lady of the Lake University, where he later taught.

Serves on the House Armed Services Committee, on the House Veterans' Affairs Committee and on the House Resources Committee; chairs the Congressional Hispanic Caucus.

Served in the Texas House of Representatives, as a board member of the Harlandale Independent School District, and as a caseworker with the Department of Mental Health & Mental Retardation.

Ileana Ros-Lehtinen

Cuba

Born in Cuba

Member, U.S. House of Representatives
Florida's 18th Congressional District
1989 – Present

Earned her B.A. and M.S. degrees from Florida International University.

Is the first Hispanic woman ever elected to the United States Congress; serves on the House Government Reform and the House International Relations Committees.

Serves on the Speaker's Task Force for a Drug Free America; has proposed a Constitutional amendment to protect the rights of those who have been victims of violent crimes.

Arnold Schwarzenegger

Austria

Born in Austria

Governor of California
2003 – Present

Sworn in as the 38th Governor of California on November 17, 2003.

Championed children's health nationally as Chairman of the Presidents' Council on Physical Fitness. Spearheaded passage of a California ballot item, After-School Education and Safety Act, to protect and expand after school programs.

Considered among the most marketable motion picture actors.

General John M. Shalikashvili

Born in Poland

Chairman
Joint Chiefs of Staff
1993 – 1997

Earned a B.S. in mechanical engineering from Bradley University and a graduate degree in international affairs from The George Washington University.

Was the first foreign-born Chairman of the Joint Chiefs of Staff.

Currently serves as a visiting professor with the Institute for International Studies at Stanford University and is a senior adviser to the Stanford-Harvard Preventive Defense Project.

"Immigrants are exactly what America needs. They're what we need economically, and I think they're what we need morally... [They] revitalize America and get it back to its sense of confidence... All of these immigrants that come here help us with the work they do, they challenge us with new ideas and new perspectives, and they give us perspective."

-Rudolph Giuiliani, Former Mayor of New York City-

David Wu

Taiwan

Born in Taiwan

Member, U.S. House of Representatives
Oregon's 1st Congressional District
1999 – Present

Earned a B.S. from Stanford University, attended Harvard Medical School, received a J.D. from Yale University.

Serves on the Education and Workforce Committee and the Science Committee which has jurisdiction over research and technology policy and NASA.

Clerked for a Federal judge and founded his own law firm.

Elias Zerhouni

Algeria

Born in Algeria

Director
National Institutes of Health
2002 – Present

Earned his medical degree at the University of Algiers School of Medicine; completed residency at Johns Hopkins.

Has authored or co-authored 157 publications and 11 book chapters; holds eight patents. While at Johns Hopkins, collaborated with General Electric to develop innovative high-speed MRI technology.

Leads a team of 17,000 doctors, researchers and others investigating the treatment and elimination of diseases ranging from cancer to malaria.

Nobel Laureates

The value of a man resides in what he gives

and not in what he is capable of receiving.

- Albert Einstein -

Albert Einstein's scientific findings have shaped our very understanding of how the universe operates. His theories of relativity are the cornerstone of modern physics. Einstein's contributions, however, go far beyond the scientific. He was a committed political activist who spoke out on the need to sacrifice all to preserve political freedom.

Born in Germany, Albert Einstein was a world citizen. He was asked to be the president of Israel and his visits to any country were treated as national events. He could have lived anywhere, but he chose to make America his home.

Intellectual capacity and contribution cannot be judged simply on the basis of recognition; many significant scientific and intellectual innovators go unrecognized by their contemporaries. However, the Nobel Prize is the world's most honored recognition for intellectual contribution and many of its American recipients have been immigrants. Albert Einstein was awarded the Nobel for physics in 1921. Similarly, the following foreign-born men and women, who have made America their home, have been awarded the Nobel Prize since 1980. Though the discoveries or actions for which they received the Nobel are specifically stated, their lifetime contributions go much farther.

Venezuela

Baruj Benacerraf

Born in Venezuela

Medicine 1980
Harvard Medical School

Awarded the Nobel for his discoveries concerning genetically determined structures on the cell surface that regulate immunological reactions.

Received his undergraduate degree from Columbia University and his M.D. from the Medical College of Virginia.

Germany

Günter Blobel

Born in Germany

Medicine 1999
Rockefeller University/Howard Hughes Medical Institute

Awarded the Nobel for the discovery that proteins have intrinsic signals that govern their transport and localization in the cell.

Received his undergraduate degree from the University of Tubingen and a Ph.D. from the University of Wisconsin.

Almost 20 percent of the distinguished scientists and engineers who are members of the National Academy of Sciences, and more than a third of U.S. Nobel Laureates, are foreign born.

- Shirley M. Tilghman, President of Princeton University, March 2003 -

Nicolaas Bloembergen

Netherlands

Born in The Netherlands

Physics 1981
Harvard University

Awarded the Nobel for his contribution to the development of laser spectroscopy.

Attended Harvard graduate school and taught there and at Gerhard Gade University.

Joseph Brodsky

Born in Russia (then the U.S.S.R.)

Literature 1987

Mount Holyoke College

Russia

Awarded the Nobel for his all-embracing authorship, imbued with clarity of thought and poetic intensity.

Held seats at University of Michigan, Queens College, Smith College, and Columbia University.

France

Gerard Debreu

Born in France

Economics 1983

University of California, Berkeley

Awarded the Nobel for incorporating new analytical methods into economic theory and for his rigorous reformulation of the theory of general equilibrium.

Holds a D. Sc. from the University of Paris. Began his work in the United States at the Cowles Commission.

Is a member of the National Academy of the Sciences and of the American Economics Association.

Edmond H. Fischer

China

Born in China

Medicine 1992
University of Washington

Awarded the Nobel for discoveries concerning reversible protein phosphorylation as a biological regulatory mechanism.

Received his undergraduate and graduate degrees from the School of Chemistry in Switzerland.

Riccardo Giacconi

Italy

Born in Italy

Physics 2002
Associated Universities, Inc., Washington, DC

Awarded the Nobel for his pioneering contributions to astrophysics, which have led to the discovery of cosmic X-ray sources.

Received his Ph.D. in Physics from the University of Milano.

Served as a professor of Astronomy at John Hopkins University and Harvard University; served as a Principle Investigator for NASA for 20 years.

Hungary

John C. Harsanyi

Born in Hungary

Economics 1994

University of California, Berkeley

Awarded the Nobel for helping to develop game theory.

Received a doctorate from the University of Budapest then attended Stanford University under a Rockefeller Fellowship and received an Economics Ph.D.

Is a member of the National Academy of Sciences and a fellow of the American Academy of Arts and Sciences, the Econometric Society, and the American Economic Association.

(T)he U.S. scientific, engineering, and health communities cannot hope to maintain their present position of international leadership if they become isolated from the rest of the world.

- Bruce Alberts, President, National Academy of Sciences
William A. Wulf, President, National Academy of Engineering
Harvey Fineberg, President, Institute of Medicine
December 13, 2002 -

Roald Hoffmann

Born in Poland

Chemistry 1981
Cornell University

Poland

Awarded the Nobel for theories developed independently concerning the course of chemical reactions.

Received his undergraduate degree from Columbia College and an M.S. and Ph.D. from Harvard.

David H. Hubel

Born in Canada

Medicine 1981
Harvard Medical School

Canada

Awarded the Nobel for his discoveries concerning information processing in the visual system.

Received his undergraduate degree and M.D. from McGill University in Canada.

Israel

Daniel Kahneman

Born in Israel (then Palestine)

Economics 2002
Princeton University

Awarded the Nobel for his work integrating insights from psychological research into economic science.

Received his B.A. from the Hebrew University, Jerusalem and a Ph.D. in Psychology from the University of California, Berkeley.

Is a member of the National Academy of Sciences and a fellow of the American Psychological Society, the American Academy of Arts and Sciences, and the Econometric Society.

Austria

Eric R. Kandel

Born in Austria

Medicine 2000
Columbia University

Awarded the Nobel for his discoveries concerning signal transduction in the nervous system.

Received his M.D. from New York University and completed his residency at Harvard Medical School.

Walter Kohn

Born in Austria

Chemistry 1998
University of California, Santa Barbara

Austria

Awarded the Nobel for his development of the density-functional theory.

Received his undergraduate degree and M.S. from the University of Toronto, and a Ph.D. from Harvard.

Yuan T. Lee

Born in Taiwan

Chemistry 1986
University of California, Berkeley

Taiwan

Awarded the Nobel for his contributions concerning the dynamics of chemical elementary processes.

Received an undergraduate degree from the National Taiwan University, a graduate degree from the National Tsinghua University, and his Ph.D. from the University of California, Berkeley.

Italy

Rita Levi-Montalcini

Born in Italy

Medicine 1986
Institute of Cell Biology of the C.N.R, Italy
Washington University, 1947 – 1973

Awarded the Nobel for her discoveries of growth factors.

Attended medical school in Turin, Italy. Maintained both U.S. and Italian citizenship while teaching and conducting research at Washington University in Missouri.

New Zealand

Alan G. MacDiarmid

Born in New Zealand

Chemistry 2000
University of Pennsylvania

Awarded the Nobel for the discovery and development of conductive polymers.

Received his undergraduate degree and M.S. from Victoria University College in New Zealand; received a Ph.D. from the University of Wisconsin on a Fulbright Fellowship from the U.S. State Department.

Rudolph A. Marcus

Born in Canada

Chemistry 1992
California Institute of Technology

Canada

Awarded the Nobel for his contributions to the theory of electron transfer reactions in chemical systems.

Received his undergraduate, graduate and Ph.D. degrees from McGill University in Canada; participated in a post-doctoral program at the National Research Council of Canada.

Caeslaw Milosz

Born in Lithuania

Literature 1980
University of California, Berkeley

Lithuania

Awarded the Nobel for his uncompromising clear-sightedness which voices man's exposed position in a world of severe conflicts.

Attended Stefan Batory University, in Wilno, then belonging to Poland. Immigrated to the U.S. in 1961 to teach as a Professor of Slavic Languages and Literature at the University of California, Berkeley.

Italy

Franco Modigliani

Born in Italy

Economics 1985

Massachusetts Institute of Technology

Awarded the Nobel for his pioneering analyses of savings and financial markets.

Earned a J.D. from the University of Rome and an Economics Ph.D. from the New School for Social Research in New York.

Served as a consultant to the Federal Reserve and the U.S. Department of Treasury.

Mexico

Mario J. Molina

Born in Mexico

Chemistry 1995

Massachusetts Institute of Technology

Awarded the Nobel for his work in atmospheric chemistry, particularly concerning the formation and decomposition of ozone.

Received his undergraduate degree from UNAM (National Autonomous University of Mexico) and a Ph.D. from the University of California, Berkeley.

George A. Olah

Born in Hungary

Chemistry 1994
University of Southern California

Hungary

Awarded the Nobel for his contribution to carbocation chemistry.

Received his undergraduate and graduate degrees from the Technical University of Budapest.

Charles J. Pedersen

Born in Korea

Chemistry 1987
Du Pont, Delaware

Korea

Awarded the Nobel for the development and use of molecules with structure-specific interactions of high selectivity.

Received his undergraduate degree from University of Dayton and his M.S. from Massachusetts Institute of Technology.

Canada

Myron S. Scholes

Born in Canada

Economics 1997

Long Term Capital Management, Connecticut

Awarded the Nobel for devising a new method to determine the value of derivatives – the Black-Scholes Equation.

Immigrated to the U.S. to attend the University of Chicago from which he holds an M.B.A. and Ph.D.

Canada

Henry Taube

Born in Canada

Chemistry 1983

Stanford University

Awarded the Nobel for his work on the mechanisms of electron transfer reactions, especially in metal complexes.

Received his undergraduate and M.S. degrees from the University of Saskatchewan, and a Ph.D. from the University of California, Berkeley.

Foreign-born scientists have, for more than fifty years, helped the United States achieve the preeminence in science and technology that has led to our strong economic growth and long-term national security.

- Shirley M. Tilghman, President of Princeton University, March 26, 2003 -

Daniel C. Tsui

Born in China

Physics 1998
Princeton University

China

Awarded the Nobel for his discovery of a new form of quantum fluid with fractionally charged excitations.

Attended Augustana College in Rock Island, Illinois; received a Ph.D. in Physics from the University of Chicago.

Canada

William Vickery

Born in Canada

Economics 1996
Columbia University

Awarded the Nobel for his research into the economic theory of incentives under asymmetric information.

Received his B.S. in Mathematics from Yale and an M.A. and Ph.D. in Economics from Columbia University.

Served on the National Resources Planning Board and worked for the U.S. Treasury's Division of Tax Research.

Romania

Elie Wiesel

Born in Romania (then Hungary)

Peace 1986
United States Holocaust Memorial Council

Awarded the Nobel for his message and practical work in the cause of peace, for being a convincing spokesman for the view of mankind, and for his unlimited humanitarianism which is at all times necessary for a lasting and just peace.

Studied at the Sorbonne in Paris; has taught at Yale University, City College of New York and Boston University; served 1980-86 as Chairman of the United States Holocaust Memorial Council.

An increasing number and share (more than 20 percent) of S&E doctorate holders employed at U.S. universities and colleges are foreign born. Like other sectors of the economy, academia has long relied extensively on foreign talent among its faculty, students, and other professional employees. This reliance increased fairly steadily during the 1980s and 1990s.

- National Science Foundation
"The Science and Engineering Workforce: Realizing America's Potential,"
August 2003 -

For decades, the U.S. has excelled in building and sustaining institutions of higher education that attract science and engineering talent from around the world…

- Rita Colwell, then-director of National Science Foundation (NSF),
August 2003 -

OTHER CONTRIBUTORS

Here is not merely a nation,

but a teeming nation of nations.

- Walt Whitman -

John Muir was born in Scotland, but it was the vast American wilderness that inspired him to study and document nature. His meticulous observations, apparent love and respect for all of nature's creations, and accessible writing laid the foundation for the modern environmental and conservation movements.

Under Muir's guidance, numerous National Parks were created and organizations like the Sierra Club founded. His simple philosophies of life have inspired many to action.

Immigrants weave themselves into every fiber of American society. Many of their contributions are so basic, they go unnoted. Others shape the very way Americans see their world. Whether through their roles in shaping the physical nature of the spaces we inhabit or the halls in which we learn; the following men and women are just a sampling of the many immigrants who contribute to America's life today.

Austria

Peter Ferdinand Drucker

Born in Austria

Economist

Presidential Medal of Freedom Recipient, 2002

Received a doctorate in international and public law from Frankfurt University.

Worked as an economist, a journalist, and a philosophy professor before finding a career as a professor of management and social sciences. Taught at New York University and the Claremont Graduate University.

Best known for establishing management as its own discipline. Several of his theories are practiced widely throughout the business world including the shift from traditional assembly lines to flexible production, management by objectives, and marketing as a central management task.

Canada

Bob Dynes

Born in Canada

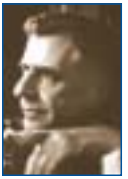
President

University of California

Earned his B.S. from the University of Western Ontario and master's and doctorate degrees from McMaster University.

As Chancellor of University of California, San Diego, oversaw efforts resulting in 25 percent growth in student enrollment, 36 percent growth in research expenditures, and 76 percent growth in income from technology transfers.

With more than 200,000 students, the University of California system is consistently at the top of national and international rankings.



John Kenneth Galbraith

Canada

Born in Canada

Economist
Presidential Medal of Freedom Recipient, 2000

Attended Ontario Agricultural College undergraduate then received a Ph.D. from the University of California in 1934. Since that time has received some 45 honorary degrees from universities worldwide, including Harvard, Oxford, University of Paris, Moscow State University, and the University of Toronto.

Taught at Princeton and Harvard; served on the National Defense Advisory Commission and as Deputy Administrator of the U.S. Office of Price Administration; directed the Strategic Bombing Survey and the Office of Economic Security during World War II.

Spent five years as editor of Fortune magazine. Has authored 13 non-fiction books and two novels.

Frank Gehry

Canada

Born in Canada

Architect
Pritzker Architecture Prize Laureate

Earned his undergraduate degree in Architecture from the University of Southern California and a graduate degree from the Harvard Graduate School of Design.

Has received over 100 national and regional American Institute of Architects awards.

Awarded the Gold Medal for Architecture by the American Academy of Arts and Letters.

For more than a decade, U.S. graduate schools have depended on large numbers of foreign-born students and faculty to staff their laboratories and teach in their programs. The United States continues to attract foreign students as well as scientists and engineers, who want to study, live and work here. Increasingly, this group of highly skilled workers encounters significant inducements to return home.

- National Research Council
"Securing the Future," 2003 -

Iran

Vartan Gregorian

Born in Iran

President, Carnegie Corporation
Presidential Medal of Freedom Recipient, 2004

Received a B.A. and a Ph.D. in history and the humanities from Stanford.

Taught at San Francisco State College, the University of California, Los Angeles, and the University of Texas before joining the University of Pennsylvania where he was founding dean of the Faculty of Arts and Sciences and provost. Served eight years as president of the New York Public Library and nine years as president of Brown University before being named president of the Carnegie Corporation, a grant-making institution founded in 1911.

Decorated by the French, Italian, Austrian and Portuguese governments as well as by President Clinton, who awarded him the National Humanities Medal.

Nils Hasselmo

Sweden

Born in Sweden

President
Association of American Universities
(Former President of the University of Minnesota)

Received his B.A. and M.A. degrees from University of Uppsala and his Ph.D. from Harvard University.

Oversees an association of the 60 largest U.S. research universities, both public and private, and 2 Canadian research universities.

During his tenure at Minnesota, oversaw efforts to reduce class sizes, improve graduation rates and increase international studies.

Mathilde Krim

Switzerland

Born in Switzerland

Founding Chairman and Chairman of the Board,
American Foundation for AIDS Research
Presidential Medal of Freedom Recipient, 2000

Received her Ph.D. from the University of Geneva and pursued research in cytogenetics and cancer-causing viruses in Israel.

Moved to New York and became a research scientist at the Sloan-Kettering Institute for Cancer Research where she directed the Interferon Laboratory.

Founded the AIDS Medical Foundation, which later merged with another AIDS research group to become amfAR. Today, amfAR is the pre-eminent national nonprofit dedicated to obtaining founding for AIDS research, prevention, and related public policy.

China

Ieoh Ming Pei

Born in China

Architect

Pritzker Architecture Prize Laureate

Earned his undergraduate degree in Architecture from the Massachusetts Institute of Technology and his graduate degree from the Harvard Graduate School of Design.

In 1982, was voted the best designer of significant non-residential structures by the deans of the U.S. architectural schools.

Works include the East Wing of the National Gallery in Washington, the Kennedy Library in Massachusetts, and a wing of the Louvre in Paris.

Among college educated workers with occupations in the life sciences, physical sciences, and mathematical and computer sciences, estimates from the 2000 Census indicate that approximately one-fourth of individuals, across all degree levels, were foreign born. At the doctorate level, 51.3 percent of individuals in engineering occupations, and just under 45 percent in the life sciences, physical sciences, and mathematical and computer sciences, were foreign born.

- National Science Foundation
"Science and Engineering Indicators 2004," May 2004 -

Kevin Roche

Born in Ireland

Architect
Pritzker Architecture Prize Laureate

Ireland

Received his undergraduate degree in Architecture from the National University of Ireland and his graduate degree from the Illinois Institute of Technology.

Has been responsible for 51 major projects between 1962 and 1982; won the American Institute of Architects Gold Medal in 1993.

Works include the U.N. Plaza and Ford Foundation buildings in New York.

Harold T. Shapiro

Born in Canada

Former President, University of Michigan
Former President, Princeton University

Canada

Received his B.S. from McGill University and his doctorate from Princeton University.

Served as the president of the University of Michigan for eight years before becoming Princeton's 18th president in 1988. Has received 14 honorary degrees and is the only president to have been listed by *Change* magazine as one of the most influential university presidents in both the 1980s and the 1990s.

Canada

Shirley M. Tilghman

Born in Canada

President & Professor of Molecular Biology
Princeton University, New Jersey

Received her Honors B.Sc. from Queen's University in Kingston, Ontario and her Ph.D. from Temple University in Philadelphia.

Served on the Princeton faculty for 15 years before being named president in 2001. Has initiated the Princeton Postdoctoral Teaching Fellowship.

Was awarded the L'Oreal-UNESCO International For Women in Science Award and the Lifetime Achievement Award from the Society of Developmental Biology.

England

David Ward

Born in England

President
American Council on Education
(Former Chancellor of the University of Wisconsin)

Received his B.A. and M.A. from Leeds University and his Ph.D. from the University of Wisconsin.

Oversees the biggest higher education association in the country, and plays the coordinating role for the higher education community.

Enhanced student advising, expanded course access and increased opportunities for undergraduates to conduct research at the University of Wisconsin.

CompeteAmerica

The Alliance for a Competitive Workforce

www.CompeteAmerica.org