

BIOGRAPHIES FOR NASA HUBZONE INDUSTRY DAY, JUNE 19, 2012

Mark Elliott, Mayor, City of Brook Park

Mark was born in the small town of Waynesburg, PA. At a very young age, his family moved to the City of Brook Park. Growing up, he attended the Berea School system, and in 1976, he graduated from Midpark High School. Mark received a degree in Business Administration in 1980 from Baldwin Wallace College. After graduation, he began his career as the Athletic Director for the Recreation Department of the City of Brook Park, where he served until 1991. He was then hired by the City of Brecksville to become the Recreation Director for their new Community Center. He served in that capacity until December 2001.

Mark began his political career in 1998 when he was elected Councilman of Ward 4 in Brook Park. He served as a Councilman through 2001. Mark was elected Mayor in November 2001 and took office January 1, 2002. He was re-elected to his third term of office in November 2009.

During Mark's tenure as mayor, he has been able to make many improvements to Brook Park. He has established a Railroad Quiet Zone, which was one of the first in the country; he oversaw the construction of Aerospace Parkway, home to businesses that support NASA Glenn; spearheaded major upgrades of the city's roads and other critical infrastructure enhancing the quality of life for our residents and business community, and he continues to provide outstanding leadership during difficult economic times ensuring that residents receive the same high-quality safety and service they have come to expect. Mark's leadership is recognized countywide, as he recently was appointed to serve on the Board of Trustees for the Greater Cleveland Regional Transit Authority representing the Cuyahoga County Mayors' and Managers' Association.

In April of 2012, Mark will be inducted into the Midpark/Berea Distinguished Alumnae Hall of Fame. He is very honored to be selected to this illustrious group.

Mark, along with his wife Vicki and his children Nicole, 21 and Corey, 19 has been very active in the school district and the community throughout the years.

Mark is very excited about the opportunity to serve as Mayor. He is proud of this community, and with that pride, he brings passion, energy and enthusiasm to the Office of Mayor with an optimistic outlook for the future of Brook Park.

Michael Heil, President and Chief Executive Officer, Ohio Aerospace Institute

Michael was appointed in January 2007 to oversee and lead the OAI strategic initiatives, as well as serve as ambassador for the organization's economic development efforts. Previous to OAI, Michael had a long and distinguished military career and most previously served as Director, Center for Space Studies and Research at the Air Force Institute of Technology. His experiences include serving as Director of the Air Force Research Laboratory's Propulsion Directorate with responsibilities for propulsion and power research facilities both at Wright-Patterson and Edwards Air Force Bases. He oversaw facilities valued at more than \$2.1 billion, while leading the efforts of more than 1,000 scientists, engineers and staff. His responsibilities included ensuring the directorate's \$300 million annual budget produced cutting edge technology results for the Air Force and the nation.

A distinguished engineering graduate from the U.S. Air Force Academy, class of 1975, Michael was commissioned and immediately pursued his master's degree in flight structures at Columbia University on a Guggenheim Fellowship. He received a doctorate in aerospace engineering from the Air Force Institute of Technology in 1986. His service to the nation includes engineering duties on the F-15 and program management on the C-17 and Advanced Cruise Missile. Michael held the positions of Deputy Director of the Astronautics Laboratory, Commander of the Phillips Laboratory and Arnold Engineering Development Center, Commandant of the Air Force Institute of Technology, and Special Assistant to the Commander of the Air Force Research Laboratory. In addition to his current position, he has served in two Air Force acquisition centers, four defense laboratories, a test center, a major command staff, the Office of the Secretary of Defense, and the faculties of the Air Force Academy and Air Force Institute of Technology.

Sherrod Brown, United States Senator

Since January of 2007, U.S. Senator Sherrod Brown – a champion of middle class families in the Senate – has held more than 170 community roundtables across Ohio's 88 counties with local leaders and business owners, entrepreneurs and educators, and workers and families to find ways to rebuild our economy.

Recently described as "Congress' leading proponent of American manufacturing," Brown is working with the Obama Administration on the creation of a national manufacturing policy that would invest in manufacturing innovation, strengthen our component supply chain, connect workers with emerging industries, and align our trade policies to promote our national interests.

He is also working with Ohio's universities, entrepreneurs, and community leaders to use Ohio's resources to create new jobs in high-growth industries and make Ohio a national leader in clean energy manufacturing.

And as a long-time advocate for fair trade, Senator Brown is working on trade policies that promote our workers and manufacturers while creating jobs and expanding markets for businesses through an aggressive export promotion strategy.

A tireless advocate for our nation's middle class families, Sherrod Brown helped pass the historic health care law that will make health insurance more affordable and accessible for American families. This new law will also provide strong consumer protections that will prevent insurers from placing limits on the care patients receive and discriminating against consumers based on age or pre-existing health conditions.

Senator Brown is also working to ensure that Ohioans receive the education and training needed for 21st Century jobs. For the last four years, Senator Brown has also convened a one-of-its-kind Ohio College Presidents Conference in Washington to discuss ways to leverage federal resources to promote higher education and job training in Ohio.

Brown is just the sixth Ohio Senator in history to serve on the powerful Senate Appropriations Committee where he works to ensure that Ohio receives its fair share of federal resources and investments. He also serves on the Senate Banking Committee, where he played an instrumental role in passing the historic Wall Street reform law, and is Chairman of its Financial Institutions and Consumer Protection Subcommittee. From his position on the Senate Veterans Affairs Committee, Brown is a

staunch supporter of providing comprehensive benefits and body armor to our nation's service members, even as an early and outspoken opponent of the Iraq War.

Brown is also the first Ohio Senator in 40 years to serve on the Senate Agriculture, Nutrition, and Forestry Committee, where he has been instrumental in strengthening the farm safety net and addressing childhood hunger.

Prior to serving in the United States Senate, Brown served as a United States Congressman for the 13th District, Ohio's Secretary of State, as a member of the Ohio General Assembly, and has taught in Ohio's public schools and at The Ohio State University. An Eagle Scout, Brown is a native of Mansfield, Ohio, where he spent summers on his family's farm. He is married to Pulitzer Prize-winning columnist Connie Schultz. They reside in Avon, Ohio, and have three daughters, a son, both a daughter and son-in-law, and a grandson.

Rob Portman, United States Senator

Rob Portman is a United States Senator from the state of Ohio. He was elected in 2010, running a campaign that focused on common-sense conservative ideas to help create jobs and get the deficit under control. Rob won with a margin of 57 to 39 percent, winning 82 of Ohio's 88 counties.

Rob was born and raised in Cincinnati, where he lives today with his wife Jane, and their three children, Jed, Will and Sally. He grew up in a small business family, where he learned early on the value of hard work, leadership, and fiscal responsibility. When Rob was young, his dad, Bill Portman, borrowed money to start Portman Equipment Company, where Rob and his brother and sister all worked while growing up. His father, and then his brother, built the family business from a small forklift truck dealership with five employees, with Rob's mom as the bookkeeper, to one that employed more than 300 people. Rob became a lawyer and developed his own private practice, representing Portman Equipment Company and other small businesses. In 1993, Rob was a partner in the Cincinnati law firm of Graydon, Head and Ritchey when he was elected to Congress, where he represented the diverse, seven county Second District in southern Ohio. He was proud to serve the Second District for twelve years, and in seven elections, he never received less than seventy percent of the vote.

During his time representing the Second District, Rob earned a reputation as a serious leader who focused on results. Rob was actively involved in crafting and promoting the historic welfare reform efforts as a member of the committee that wrote the legislation, and he was a forceful advocate of the balanced budget that passed in 1997. Rob gained the respect of both Republican and Democratic colleagues through his successful, bipartisan legislative initiatives, including several measures he authored to increase retirement savings, reform the IRS and add over fifty new taxpayer rights, curb unfunded mandates, reduce taxes, and expand drug prevention and land conservation efforts.

In 2005, Rob left Congress when he was asked to serve as the United States Trade Representative, the Cabinet-level official responsible for implementing and enforcing U.S. trade policy. In his one year in the job, Rob was successful in reducing barriers to U.S. exports and increasing enforcement of trade laws to help level the playing field for American farmers, workers and service providers. Under his leadership, American exports increased and the U.S. brought successful legal challenges against international trade law violations.

Following his accomplishments as Trade Representative, Rob was asked to serve in another Cabinet post, this time as Director of the Office of Management and Budget. A deficit hawk, Rob made his mark by proposing a balanced budget, fighting irresponsible earmarks, and putting in place new transparency measures for all federal spending.

Rob succeeded George Voinovich as Ohio's U.S. Senator on January 5, 2011 and immediately began fighting for pro-growth, pro-jobs policies to help get Ohio and our nation back on track.

Dennis Kucinich, United States Congressman

Having been elected to Cleveland's City Council at age 23, Dennis J. Kucinich was well-known to Cleveland residents when they chose him as their mayor in 1977 at the age of 31. At the time, Kucinich was the youngest person ever elected to lead a major American city.

In 1978, Cleveland's banks demanded that he sell the city's 70 year-old municipally-owned electric system to its private competitor (in which the banks had a financial interest) as a precondition of extending credit to city government.

When Mayor Kucinich refused to sell Muni Light, the banks took the unprecedented step of refusing to roll over the city's debt, as is customary. Instead, they pushed the city into default. It turned out the banks were thoroughly interlocked with the private utility, CEI, which would have acquired monopoly status by taking over Muni Light. Five of the six banks held almost 1.8 million shares of CEI stock; of the 11 directors of CEI, eight were also directors of four of the six banks involved.

By holding to his promise and putting principle above politics, Kucinich lost his re-election bid and his political career was temporarily derailed. But today, Kucinich stands vindicated for having confronted the Enron of his day, and for saving the municipal power company. "There is little debate," wrote Cleveland Magazine in May 1996, "over the value of Muni Light today. Now Cleveland Public Power, it is a proven asset to the city that between 1985 and 1995 saved its customers \$195,148,520 over what they would have paid CEI." He also preserved hundreds of union jobs.

In addition to being Mayor of Cleveland, Kucinich has served on the Cleveland City Council (1970-75, 1981-82); served as the Clerk of Courts for the Cleveland Municipal Court (1976-77); been an Ohio State Senator (1994-96); and in November 2008, was elected to his seventh term as a Member of the United States House of Representatives (1997-present).

Kucinich was born in Cleveland, Ohio on October 8, 1946. He is the eldest of 7 children of Frank and Virginia Kucinich. He and his family lived in twenty-one places by the time Kucinich was 17 years old. Kucinich graduated with a Bachelor of Arts and a Masters in Speech Communications from Case Western Reserve University, Cleveland, Ohio in 1974.

Kucinich has held many jobs outside of politics including being a hospital orderly, newspaper copy boy, teacher, consultant, television analyst and author.

Since being elected to Congress in 1996, Kucinich has been a tireless advocate for worker rights, civil rights and human rights.

In Congress, Kucinich has authored and co-sponsored legislation to create a national health care system, preserve Social Security, lower the costs of prescription drugs, provide economic development through infrastructure improvements, abolish the death penalty, provide universal prekindergarten to all 3, 4, and 5 year olds, create a Department of Peace, regulate genetically engineered foods, repeal the USA PATRIOT Act, and provide tax relief to working class families.

Kucinich has been honored by Public Citizen, the Sierra Club, Friends of the Earth and the League of Conservation Voters as a champion of clean air, clean water and an unspoiled earth. Kucinich has twice been an official United States delegate to the United Nations Convention on Climate Change (1998, 2004) and attend the 2002 World Summit on Sustainable Development in Johannesburg, South Africa.

In his district, Kucinich has been recognized by the Greater Cleveland AFL-CIO as a tireless advocate for the social and economic interests of his community.

Kucinich led the effort to save Cleveland's 90 year-old steel industry and the thousands of jobs and retiree benefits it provides. While hundreds of community hospitals have been closed throughout the country, Kucinich led a community-based effort to reopened two Cleveland neighborhood hospitals.

Kucinich worked with the nation's largest railroads to create a merger agreement that improved rail safety while diverting a heavy volume of train traffic away from heavily populated residential areas of his district.

In Cleveland, Kucinich has been honored by the Cleveland AFL-CIO, the Ohio PTA, the NASA Glenn Research Center, the Salvation Army, the United States Post Office, the Department of Veterans Affairs, Ohio Department of Jobs and Family Services, Ohio's Boys Town, and the Human Rights Campaign.

Kucinich is a current member of The International Alliance of Theatrical Stage Employees, Moving Picture Technicians, Artists and Allied Crafts of the United States (IATSE), an AFL-CIO affiliated union.

Kucinich is the Ranking Member of the Regulatory Affairs, Stimulus Oversight and Government Spending Subcommittee of the Oversight and Government Reform Committee. He is also a member of the Education and Workforce Committee. In November 2010, Dennis Kucinich was reelected to a eighth term in Congress.

Ramon (Ray) Lugo III, NASA Glenn Research Center Director

Ramon (Ray) Lugo III serves as the Director at the National Aeronautics and Space Administration's John H. Glenn Research Center. He is responsible for planning, organizing and directing the activities required in accomplishing the missions assigned to the Center. Glenn is engaged in research, technology and systems development programs in space propulsion, space power, space communications, aeronautical propulsion and microgravity sciences. Prior to this appointment, he served as Glenn's Deputy Director from 2007 to 2010.

Prior to his positions at Glenn, Lugo served as the Deputy Program Manager of the Launch Services Program at NASA's Kennedy Space Center and was principally responsible for managing, directing and evaluating the progress of all ongoing launch operations and activities including Expendable Launch Vehicles engineering and analysis, payload integration, launch site support and launch campaigns.

Lugo began his NASA career at Kennedy in 1975 as a cooperative education student. His first assignment was in the Construction and Modifications Branch as an engineer responsible for construction modifications to Launch Complex 39A in preparation for the first space shuttle launch.

Since becoming a member of the Senior Executive Service in 2001, he served as the executive director of

the Cape Canaveral Spaceport Management Office. Other leadership positions include Director and Deputy Director of Expendable Launch Vehicle Services Program, Manager of Facilities and Support Equipment Division in the Space Station Project Office, and Chief of the Business Office of the Joint Performance Management Office.

Lugo has received numerous honors, including two NASA Exceptional Achievement Medals for contributions to the Galileo Mission and the Space Station Redesign, and three NASA Outstanding Leadership Medals for his instrumental role in the Expendable Launch Vehicle Program Transition.

Lugo earned a Bachelor of Science in engineering in 1979 from the University of Central Florida and a Master's Degree in engineering management in 1982 from the Florida Institute of Technology.

Woodrow Whitlow, Jr., Associate Administrator for Mission Support Directorate

Woodrow Whitlow, Jr. is the Associate Administrator for Mission Support Directorate at NASA Headquarters. He was appointed to that position by Administrator Charles F. Bolden on Feb. 3, 2010.

The Mission Support Directorate enables program and institutional capabilities to conduct NASA's aeronautics and space activities. As the directorate's associate administrator, Whitlow is responsible for most NASA management operations, including human capital management, headquarters operations, agency operations, the NASA Shared Services Center, strategic infrastructure, cross-agency support, and construction and environmental compliance and restoration.

Prior to being appointed to his current position, he was director of the Glenn Research Center. There, he was responsible for managing an annual budget of approximately \$750 million, and overseeing a workforce of approximately 1,680 civil service employees that is supported by approximately 1,580 contractors. The center has 24 major facilities and over 500 specialized research facilities located at the 350-acre Cleveland site and the 6,400-acre Plum Brook Station site in Sandusky, Ohio. At Glenn, Whitlow led research and development efforts in the areas of aero-propulsion, in-space propulsion, aerospace power and energy conversion, communications technology, and human research.

From September 2003 through December 2005, Whitlow served as the Deputy Director of the NASA John F. Kennedy Space Center. There his duties included assisting the director in determining and implementing center policy and in managing and implementing the center's missions and agency program responsibilities in the areas of processing, launch, and recovery of launch vehicles; processing of spacecraft; and acquisition of launch services. Prior to this appointment as Deputy Director, he served as the Director of Research and Technology at the Glenn Research Center.

Whitlow began his professional career in 1979 as a researcher at the NASA Langley Research Center, Hampton, Va. He assumed various positions of increasing responsibility before moving to the Glenn Research Center in 1998. In 1994, he served as Director of the Critical Technologies Division, Office of Aeronautics, at NASA Headquarters.

Whitlow earned his bachelor of science, master of science and doctor of philosophy degrees in Aeronautics and Astronautics from the Massachusetts Institute of Technology. He also holds an honorary doctor of engineering degree from Cranfield University. He has written more than 40 technical papers, most in the areas of unsteady transonic flow, aeroelasticity and propulsion.

Whitlow has received numerous awards, including the Presidential Rank of Distinguished Executive, Presidential Rank of Meritorious Executive, U.S. Black Engineer of the Year in Government, NASA Exceptional Service Honor Medal, NASA Equal Opportunity Honor Medal, the (British) Institution of Mechanical Engineers William Sweet Smith Prize, Minorities in Research Science Scientist-of-the-Year Award, and National Society of Black Engineers Distinguished Engineer of the Year Award. The American Institute of Aeronautics and Astronautics elected him as a Fellow in 2010.

Glenn Delgado, NASA Associate Administrator, Office of Small Business Programs

Mr. Glenn A. Delgado is the Associate Administrator of the National Aeronautics and Space Administration's (NASA's) Office of Small Business Programs. As the Associate Administrator, Mr. Delgado provides executive leadership and policy direction for developing and implementing policies and initiatives throughout NASA to ensure that all categories of small businesses are afforded opportunities to compete for Agency contracts. Since Mr. Delgado's arrival at NASA in fiscal year 2007, the dollars awarded to small businesses have increased every year. In fiscal year 2006, NASA awarded \$1.94 billion directly to small businesses. At the end of fiscal year 2011, NASA awarded \$2.48 billion directly to small businesses. That amounts to approximately a 28-percent increase in direct awards made to small businesses, which equates to approximately \$541 million. The number of prime contracts awarded to small businesses also rose 42 percent during this timeframe, from 15,141 to 21,456. During his tenure as the Associate Administrator of NASA's Office of Small Business Programs, Mr. Delgado and his team have worked very closely with the Office of General Counsel and Office of Procurement to publish several new policies, contract clauses, and NASA Federal Acquisition Regulation (FAR) Supplement changes that were very beneficial to the Agency's small business program. In 2009, the Small Business Administration (SBA) recognized some of the new policies/procedures that NASA implemented for its small business program as a Federal Government Best Practice. Mr. Delgado also served as the Chairman of the Executive Committee of the Federal Office of Small and Disadvantaged Business Utilization (OSDBU) Directors Council for fiscal year 2009.

In 2010, Mr. Delgado received the second highest award bestowed by NASA, the NASA Outstanding Leadership Medal, which is awarded to NASA employees for notably exceptional leadership. Mr. Delgado received this award for his innovative practices and excellent stewardship of NASA's small business programs in supporting the Agency's mission, goals, and objectives. In September 2010, the Congressional Black Caucus honored Mr. Delgado with the 2010 Small Business Champion Living Legends award.

Prior to his appointment to NASA, Mr. Delgado served as the Acting Director of the Department of the Navy's Office of Small Business Programs. Mr. Delgado also served as the Director of Small Business for the Naval Air Systems Command (NAVAIR). He has over 29 years of acquisition experience. While at NAVAIR, he worked on several major weapon system programs and served as the Procuring Contracting Officer (PCO) for the A-6, EA-6B, and F/A-18 C/D aircraft.

In September 2006, Mr. Delgado was awarded the Superior Civilian Service medal, the second highest award that can be presented to a civilian in the Navy, for his exceptional service to the Navy Small Business Programs Office. Mr. Delgado was awarded two Department of the Navy Meritorious Civilian Service medals for his innovative approaches in the acquisition process while serving as a PCO for the EA-6B aircraft and for his performance as the Director of Small Business at the Naval Air Systems Command (NAVAIR). Mr. Delgado also received the Department of the Navy Competition and Procurement Excellence Award.

Mr. Delgado earned his B.S. at the University of New Hampshire and his M.B.A. from Marymount University; he also graduated from NAVAIR's Senior Executive Management Development Program. He is Level III—certified in the Acquisition Professional field of Contracting and is a member of the Acquisition Professional Community.

John Spears, Small Business Administration Special Advisor, Office of Government Contracting and Business Development

John Spears was appointed as Special Advisor in the Office of Government Contracting and Business Development at the U.S. Small Business Administration in 2011. He works closely with John Shoraka, the Associate Administrator, to support small businesses as they compete for over \$500 Billion in federal prime contracts each year.

Prior to joining SBA, Mr. Spears was State Director in Massachusetts and then in Indiana for Organizing for America, a project of the Democratic National Committee, where he led efforts to support President Obama's legislative agenda.

Mr. Spears earned his bachelor's degree from Southeastern College in Religion. He is also finishing up his Master's Degree in Policy, Organizing and Administration from Boston College.

John Renner, Supervisory Business Development Specialist, U.S. Small Business Administration, Cleveland District Office

John Renner manages the government contracting programs for the U.S. Small Business Administration's Cleveland District office and is responsible for coordination and marketing of SBA's government contracting activities in 28 counties. These contracting programs include the HubZone, 8(a), Woman-Owned and Veteran-focused programs. Additionally, John is the SBA's Project Officer for the State of Ohio Small Business Development Centers, and the office's Veterans Business Representative. John has worked in the financial assistance, government contracting assistance and management and technical assistance areas of SBA during his 22 years with the agency and currently serves in an advisory capacity to numerous economic development organizations throughout Northern Ohio. John has a BSBA from Purdue University and has also owned two successful small businesses.