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Top Skills

Executive Leadership
Organizational Leadership
Team Building

Honors-Awards

National Medal
Spirit of Columbus Award
Presidential Medal and
Commencement Speaker (The Ohio
State University)
Honorary Doctorate and
Commencement Speaker (Otterbein
University)
CEO of the Year

Frederic "Dr. B" Bertley

President & CEO - COSI / CEO - NVMM
Columbus, Ohio, United States

Summary

Science is everywhere & science is for everyone. My passion in life is to democratize access to science, technology, engineering, art and math (STEAM) and support this through a myriad of innovative programs, commitment to outreach and ubiquitous engagement. As President & CEO of the Center of Science & Industry (COSI), I am leading the nationally ranked science center into the 21st century through innovation and programming. Educated at McGill, Harvard Medical School and MIT, I host a prime-time science television show with PBS, "QED with Dr. B" as well as an animated series called "Dr. B in 3". Committed to the enterprise of scientific research and thought, I appreciate that science is but one component to the larger cultural exploration and enlightenment that advances us individually and as a whole.

Scientists are truly diverse, coming in all shades and manners, and as such, I work toward shattering the stereotypical image. My career path has taken me from medical labs researching viruses and vaccine development to international communities working on preventative medicine. These experiences have provided me with both a local and global perspective foundationally supporting my efforts at COSI and throughout life.

In addition to my responsibilities at COSI, I am proud to serve on numerous boards including Park National Bank, White Castle, the National Veterans Memorial and Museum, the Association for Science and Technology Centers (ASTC), the American Alliance for Museums (AAM), The Redpath Museum of McGill University, Experience Columbus, the College of Engineering Dean's Advisory Committee and the ERVC at The Ohio State University, amongst other esteemed organizations.

I am honored to have had the opportunity to present at distinguished institutions such as The United Nations, The White House, NASA, USAID, and to give presentations around the globe on an array of

topics from effective leadership, innovative thought, the power of cultural institutions, civic engagement, and more.

I invite you to join me on this journey of making science engaging and accessible to all. If you share a commitment to STEAM education, diversity, and accessibility, as well as cultural awareness and inclusion, let us connect and together explore the endless possibilities of the fusion of scientific thought, innovative thinking, the study of humanities, all wrapped in the fabric of cultural awareness and human amelioration. Together, we can shape the future of science education and inspire the next generation of innovators to keep our planet sane, safe and celebrated.

Experience

The National Veterans Memorial and Museum

Chief Executive Officer

December 2024 - Present (1 year 2 months)

Mission: To Honor all Veterans, Elevate their stories, and amplify the power of Service for everyone, everywhere.

COSI - Center of Science and Industry

President and Chief Executive Officer

January 2017 - Present (9 years 1 month)

Columbus, Ohio Metropolitan Area

Advancing COSI's mission as a dynamic and accessible hub for science and innovation. Key achievements and responsibilities include:

- Championing COSI's role, on site and in the community as the chief fundraiser, enhancing our visibility and impact through active philanthropic engagement at local and national levels.
- Cultivating strategic partnerships with cultural, civic, and educational organizations in Central Ohio, fostering a spirit of collaboration that significantly benefits the region.
- Ensuring sound fiscal management by developing and managing a sustainable operating budget, maximizing resources for effective operation.
- Inspiring COSI's team members and volunteers to deliver on our mission while being responsible stewards of our resources and community goodwill.
- Showcasing the alignment of the sciences and humanities towards the amelioration of the human condition.

The Franklin Institute

8 years 10 months

Senior Vice President

April 2012 - December 2016 (4 years 9 months)

Philadelphia, Pennsylvania, United States

As a key member of the senior leadership team, I played an instrumental role in shaping the Institute's strategic initiatives and mission-based programs. Key achievements and responsibilities include:

- Led mission-based program creation, innovation, budgeting, and execution.
- Cultivated board relationships and partnerships with local, regional, and national organizations.
- Represented The Franklin Institute on regional, national, and international platforms.
- Developed and implemented two institutional Strategic Plans (2009 – 2014; and 2013 – 2018).
- Played a pivotal role in a capital campaign effort to raise \$60M for new construction.
- Ensured yearly development and execution of a balanced budget.

Vice President

March 2008 - March 2012 (4 years 1 month)

Philadelphia, Pennsylvania, United States

As the leader of the Science and Education Division, I had the privilege of overseeing a diverse range of programs and initiatives. Key achievements and responsibilities include:

- Ensuring institutional alignment with the strategic plan; leading the creation and management of a large portfolio of programs.
- Representing the President and The Franklin Institute at various meetings, conferences, and symposia.
- Directing all aspects of the Science Leadership Academy – a magnet high school founded in 2006 in partnership with the Franklin Institute and The School District of Philadelphia.
- Overseeing initiatives such as the Color of Science and the Science After Hours Programs.
- Chairing the Out of Africa Task Force and co-chairing the Wellness Task Force.
- Serving as a Franklin Institute Liaison with the leadership of regional universities and colleges.

Education

Harvard Medical School

Postdoctoral Fellowship, Vaccine Development - Immunology

McGill University

Doctor of Philosophy - PhD, Immunology

McGill University

Bachelor of Science - BS, Physiology, Mathematics

Massachusetts Institute of Technology

Postdoctoral Fellowship, Vaccine Development