



### **Science & Technology Medal**

First awarded in 1980 to Dr. William Baker of Bell Labs; annually awarded to a New Jersey leader or leaders of a technology-based company or a university for extraordinary performance in bringing an impactful innovation to the marketplace.

#### **Past Award Winners**

- 2025: Robert Cohen (Stryker Vice President, Innovation and Technology, Orthopaedic Group)
- 2024: Brian Kernighan, Ph.D. (Writer of C+ Language book, Princeton University Professor/Formerly of Bell Labs)
- 2023: Victor Lawrence, Ph.D. (Signal Processing in Telecommunications/Nokia Bell Labs)
- 2022: David W.C. MacMillan (Nobel Laureate in Chemistry/Princeton University Professor)
- 2021: Macaya Douogui, MD., MPH (Janssen Head of Clinical Development and Medical Affairs, Vaccines) and Remo Colarusso, BS ChE, MBA (Vice President Janssen Supply Chain)
- 2020: Joachim Messing, Ph.D. (Rutgers/Biologist/shotgun sequencing of DNA)
- 2019: Arthur Ashkin, Ph.D. (Nobel Laureate in Physics/inventor of optical tweezers)
- 2018: Alfred Y. Cho, Ph.D. (Father of molecular beam epitaxy/Bell Labs)
- 2017: Michael Sofia, Ph.D. (Hepatitis C cure Sofosbuvir)
- 2016: Marcus Weldon, Ph.D. (President of Nokia Bell Labs)
- 2015: Robert Woodrow Wilson, Ph.D. (cosmic microwave background radiation/Bell Labs)
- 2014: John J. Mooney (three-way catalytic converter)
- 2013: Morris Tanenbaum, Ph.D. (Silicon transistor, Bell Labs, Corporate Executive)
- 2012: Jeffrey S. Beck, Ph.D., ExxonMobil Researcher (posthumous)
- 2011: Nancy Thornberry and Dr. Ann Weber (Leaders behind the development of Merck's Januvia)
- 2010: George E. Smith, Ph.D. (Nobel Prize in Physics 2009 for CCD Sensor/Bell Labs)
- 2009: President Barack Obama, in absentia **and** Elliott Sigal (Bristol-Myers Squibb Chief Scientific Officer and President of R&D)



### **Visionary Award**

Annually awarded to an individual who showcases exceptional and transformational leadership in uniting industry, academia and the state in pursuit of creating a research-based economy in New Jersey. (2023 and before known as the Chairman's Award; created in 2001 to honor individuals for outstanding effort and leadership in uniting industry, academia and the state in pursuit of creating a research-based economy in NJ.)

### **Past Award Winners**

- 2025: John Crowley, BIO President and CEO
- 2024: Chris Paladino, DevCo and Helix CEO
- 2023: Robert Garrett, Hackensack Meridian Health CEO
- 2022: The Honorable Judith Persichilli, New Jersey State Health Commissioner
- 2021: Kenneth Frazier, Esq., Former Merck CEO
- 2020: Roger M. Perlmutter, M.D., Ph.D., Former Merck Executive Vice President
- 2019: New Jersey Governor Phil Murphy
- 2018: Center for Structured Organic Particulate System, Rutgers/Janssen
- 2017: P. Roy Vagelos, M.D., Former Merck CEO/Regeneron Board Chair
- 2016: Caren Franzini, Former NJEDA CEO
- 2015: New Jersey Governor Chris Christie
- 2014: Ralph Izzo, Ph.D., Chairman & CEO, PSEG
- 2013: New Jersey Governor Jim Florio
- 2012: Sol J. Barer, Ph.D., Celgene Chairman
- 2011: New Jersey Congressman Rodney Frelinghuysen
- 2010: New Jersey Governor Tom Kean
- 2009: Emlyn Koster, President & CEO, Liberty Science Center



### **Educator of the Year**

Annually awarded to an individual for their achievements in the advancement of science and technology education and workforce development across New Jersey. (Created in 2000)

#### **Past Award Winners:**

- 2025: Brian Strom, M.D., M.Ph., Rutgers, The State University of New Jersey Chancellor of Biomedical and Health Sciences
- 2024: Anthony Lowman, Ph.D., Rowan Provost and Sr. Vice President of Academic Affairs
- 2023: The Honorable Andrew Zwicker, Ph.D., PPPL Outreach and New Jersey State Senator
- 2022: The Honorable M. Teresa Ruiz, New Jersey State Senator
- 2021: Comcast
- 2020: Dawood Farahi, Ph.D., Kean University (2003-2020)
- 2019: Chris Eisgruber, J.D., Princeton University President
- 2018: Ali A. Houshmand, Ph.D., Rowan University President
- 2017: Laura Overdeck, Overdeck Family Foundation Chair and Bedtime Math Founder
- 2016: Nariman Farvardin, Ph.D., Stevens Institute of Technology President
- 2015: Joel S. Bloom, Ed.D., NJIT President
- 2014: Robert Barchi, M.D., Ph.D., President of Rutgers, The State University of New Jersey
- 2013: Susan Cole, Ph.D., President of Montclair State University
- 2012: Joseph A. Barone, Pharm.D., Ernest Mario School of Pharmacy at Rutgers
- 2011: Herman J. Saatkamp, Jr., Ph.D., President of The Richard Stockton College of New Jersey
- 2010: Carlo Parravano, Ph.D., Merck Institute for Science Education
- 2009: Edward Yaw, Ph.D., President of the County College of Morris



**Catalyst Award**

Annually awarded to an individual or organization who significantly supports the innovation ecosystem within New Jersey.

**Past Award Winners:**

2025: Craig Arnold, Ph.D., Princeton University

2024: Judith Sheft, Executive Director, NJ Commission on Science, Innovation and Technology

**Emerging Tech Award**

Annually awarded to a New Jersey individual, team or organization whose early stage inventions or innovations have the potential to make a significant impact on the marketplace.

**Past Award Winners:**

2025: Nathaniel Banks and Yidian Liu, Polygone Systems

2024: Olivier Loudig, Ph.D., Hackensack Meridian Center for Discovery & Innovation