

INTERNATIONAL  
LEADERSHIP ORATION

## APJ Abdul Kalam, PhD

Former President of India

Monday, October 26  
10:35 – 11:00 AM



**A**vul Pakir Jainulabdeen Abdul Kalam, PhD was born on October 15, 1931 in Rameswaram in Southern India. Dr. APJ Abdul Kalam served as India's 11th President from 2002 to 2007, and continues to work tirelessly towards the goals he helped define for the transformation of India into a developed nation by 2020.

An aeronautical engineer by training, Dr. Kalam has made significant lifelong contributions to the Indian Space and Defense Programs. His seminal contributions in these arenas have been singularly important in propelling India to the center of the world stage both from a scientific and an economic standpoint. He was the key figure in the establishment of the Indian indigenous space program in 1980.

In various strategic leadership positions with the Government of India throughout his illustrious career, Dr. Kalam has focused on working individually and collaboratively to ensure India's status as an independent, self-reliant, peaceful, regional superpower. His most significant material contributions include the launch of India's first satellite, the development of a defensive missile program, exploration of nuclear power for peaceful purposes and the development of an indigenously built and serviced Air Force. His leadership of the Technology Vision 2020 project has provided a road map for transforming India into a developed nation. Dr. Kalam served as the Principal Scientific Advisor to the Government of India, in the rank of Cabinet Minister, from November 1999 to November 2001 and was responsible for evolving policies, strategies and missions for many development applications.

Dr. Kalam has authored a number of books, including *Wings of Fire*, *My Journey*, *India 2020 - A Vision for the New Millennium*, *Ignited Minds - Unleashing the Power Within India*, *Indomitable Spirit*, *Guiding Soul*, *Envisioning an Empowered Nation*, *Inspiring Thoughts*, *Children Ask Kalam*, *You Are Born to Blossom* and *Life Tree*, a collection of his poems. Many of his books have been translated into various Indian and other languages. Although his books reveal a broad interest in India and her citizens, Dr. Kalam holds most dear the development and education of children internationally. He continues to invest significant effort in igniting young minds for national development by meeting high school students across India and around the world.

Dr. Kalam is one of the most distinguished scientists in India and has received honorary doctorates from 36 universities and other institutions. The Royal Society, UK, awarded him the King Charles II Medal for Science and Technology in October 2007. He has also been awarded the highest civilian honors in India: the Padma Bhushan (1981), Padma Vibhushan (1990) and Bharat Ratna (1997).

Although he is one of the most influential and decorated sons of India, Dr. Kalam is renowned for his basic humility and strength of character that continues to inspire present and future generations.

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*“Where there is righteousness in the heart, there is beauty in the character.  
When there is beauty in the character, there is harmony in the home.  
When there is harmony in the home, there is order in the nation.  
When there is order in the nation, there is peace in the world.”*

– APJ Abdul Kalam

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**Join us for a book signing!**  
**APJ Abdul Kalam, PhD**  
**Monday, October 26**  
**11:45 AM**

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INVITED THIRD ANNUAL  
JULIAN T. HOFF LECTURER

## Bobby Jindal

Governor of Louisiana

Tuesday, October 27  
10:35 – 10:55 AM



**B**obby Jindal was born in Baton Rouge on June 10, 1971. He graduated from Baton Rouge High School in 1988 and went on to attend Brown University where he graduated with honors in biology and public policy. Following his graduation from Brown he attended Oxford University in England as a Rhodes Scholar, having turned down admissions to medical and law schools at both Harvard and Yale.

In 1994, Governor Jindal went to work for McKinsey and Company as a consultant for Fortune 500 companies before entering public service. In 1996, he was appointed Secretary of the Louisiana Department of Health and Hospitals (DHH). During Governor Jindal's tenure as DHH Secretary, he rescued Louisiana's Medicaid program from bankruptcy, childhood immunizations increased, Louisiana ranked third best nationally in health care screenings for children, and new and expanded services for elderly and disabled persons were offered.

In 2004 he was elected to the 109th United States Congress representing the First District of Louisiana. In Congress he was elected Freshman Class President and served on the House Committee on Education and the Workforce, the House Committee on Homeland Security, and the House Committee on Resources. His noteworthy accomplishments include the passage of legislation to bring significant offshore energy revenues to Louisiana for the first time and legislation that keeps Federal Emergency Management Agency from taxing certain recovery grants as income. Governor Jindal was re-elected to Congress in 2006 with 88 percent of the vote.

Governor Jindal was sworn in as Governor of Louisiana on January 14, 2008. Shortly after taking office, Governor Jindal called a Special Session to address comprehensive ethics reform, the cornerstone of his election platform. Since the conclusion of the session, the Better Government Association and the Center for Public Integrity announced that Louisiana's new ethics laws are among the best in the nation.

Governor Jindal and his wife, Supriya, have three young children.

TENTH ANNUAL  
WALTER E. DANDY ORATOR

## Walter Isaacson

President and CEO of  
the Aspen Institute

Tuesday, October 27  
11:15 – 11:45 AM



**W**alter Isaacson is the President and CEO of the Aspen Institute. He has been the Chairman and CEO of CNN and the editor of Time Magazine. He is the author of *Einstein: His Life and Universe* (2007), *Benjamin Franklin: An American Life* (2003) and *Kissinger: A Biography* (1992). He is also the co-author of *The Wise Men: Six Friends and the World They Made* (1986).

Mr. Isaacson was born on May 20, 1952, in New Orleans. He is a graduate of Harvard College at Harvard University and of Pembroke College of Oxford University, where he was a Rhodes Scholar.

Mr. Isaacson began his career at the Sunday Times of London and then the New Orleans Times-Picayune/States-Item. He joined Time Magazine in 1978 and served as Political Correspondent, National Editor and Editor of New Media before becoming the magazine's 14th Managing Editor in 1996. He became Chairman and CEO of CNN in 2001, and then President and CEO of the Aspen Institute in 2003.

After Hurricane Katrina in 2005, he was appointed by former Governor of Louisiana Kathleen Blanco to be the Vice-Chairman of the Louisiana Recovery Authority. In December 2007, he was appointed by former President George W. Bush to be the Chairman of the US-Palestinian Partnership, a government and private sector effort to provide economic and educational opportunities for the Palestinian people. Currently, he is Chairman of the Board for Teach for America and is on the boards of United Airlines, Tulane University and Science Service. He is also on the advisory councils of the National Institutes of Health, National Constitution Center and Shakespeare Theatre in Washington, DC.

He lives with his wife and daughter in Washington, DC.



Join us for a book signing!

**Walter Isaacson**

**Tuesday, October 27**

**11:45 AM**

**FOURTH ANNUAL  
JOHN THOMPSON HISTORY  
OF MEDICINE LECTURER**

**Peter Agre, MD**

**Molecular Biologist**

**Wednesday, October 28  
9:05 – 9:30 AM**



**P**eter Agre, MD was awarded the Nobel Prize in Chemistry in 2003 for his discovery of aquaporins. Currently Vice Chancellor of Science & Technology at Duke University, Dr. Agre trained and started his career in medicine, but moved to laboratory-based research soon after.

Dr. Agre earned an MD degree from Johns Hopkins University School of Medicine in 1974. In 1981, following postgraduate training and a fellowship, he returned to Johns Hopkins. In 1993, he advanced to Professor of Biological Chemistry and in 2000, he was elected to the National Academy of Sciences.

In the 1980s, Dr. Agre began conducting his pioneering research on water channels in cell membranes. First mentioned by scientists in the mid-1800s, these specialized openings allow water to flow in and out of cells. They are essential to living organisms, and scientists sought to find the channels, determine their structure and understand how they worked. In 1988, Dr. Agre was able to isolate a type of protein molecule in the cell membrane that he later came to realize was the long-sought water channel. His research included comparing how cells with and without the protein in their membranes responded when placed in a water solution. He discovered that cells with the protein swelled up as water flowed in, while those lacking the protein remained the same size. Dr. Agre named the protein "aquaporin." Researchers subsequently discovered a whole family of the proteins in animals, plants and even bacteria. Two different aquaporins were later found to play a major role in the mechanism by which human kidneys concentrate urine and return the extracted water to the blood.

Dr. Agre's current research is focused on the structural and functional characterization of aquaporins.

**CNS MICHAEL L.J. APUZZO  
LECTURER ON CREATIVITY  
AND INNOVATION**

**Terry Orlick, PhD**

**Professor and Performance  
Enhancement Researcher**

**Wednesday, October 28  
11:15 – 11:45 AM**



**T**erry Orlick, PhD, is a world-renowned leader in focus training and high-level performance psychology. Dr. Orlick has served as a focus coach and performance enhancement consultant for over 30 years to thousands of Olympic and professional athletes and coaches. He has also conducted research and worked with high level performers in a multitude of other high performance disciplines including business executives, performing artists, astronauts, mission control and surgeons. His life's work has centered on creating a culture of excellence and teaching and coaching the key mental skills required to attain and sustain the highest levels of excellence.

Former President of the International Society for Mental Training and Excellence, Dr. Orlick has authored hundreds of applied articles and more than 20 highly acclaimed books, including the best selling *In Pursuit of Excellence* (2008), *Embracing Your Potential* (1998) and *Positive Living Skills: for Children, Youth and Adults* (2009).

Dr. Orlick is a Professor and Performance Enhancement Researcher in the Faculty of Health Sciences - School of Human Kinetics at the University of Ottawa, Canada, and Founder and Editor of the innovative online *Journal of Excellence*. He holds degrees from Syracuse University, the College of William and Mary and the University of Alberta. Dr. Orlick has received distinguished service awards from numerous organizations. He has given lectures and workshops on the positive pursuit of excellence in virtually every corner of the world.



**Join us for a book signing!**

**Terry Orlick, PhD**

**Wednesday, October 28  
11:45 AM**