

Brief Bio



Prof. Amit Goyal, Ph.D, MBA
Member, National Academy of Engineering (NAE)
Member, National Academy of Inventors (NAI)
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Dr. Amit Goyal joined UB in January 2015 as **Director of The RENEW Institute¹**, the University at Buffalo's interdisciplinary institute dedicated to research and education on globally pressing problems in energy, environment and water. One of the most expansive initiatives launched by UB in recent years, RENEW (Research and Education in eNergy, Environment and Water) harnesses the expertise of more than 100 faculty members across seven schools and colleges and add more than 20 new faculty members. Further information can be found at – www.buffalo.edu/renew. RENEW is a university-wide, interdisciplinary research institute that focuses on complex energy and environmental issues, as well as the human, social and economic issues with which they are connected.

Dr. Goyal concurrently holds the title of **SUNY Empire Innovation Professor** at the University. He is also the **President & CEO of TapeSolar Inc.**, a private-equity funded company and also the **President & CEO of TexMat LLC**, an IP holding and consulting company. He is presently also an **Emeritus Corporate Fellow at at UT-Battelle/Oak Ridge National Laboratory (ORNL)**. Previously, until end of December-2014, he was a **Corporate Fellow and Distinguished Scientist** at UT-Battelle/Oak Ridge National Laboratory. He is also a Battelle Distinguished Inventor. He was also the **Chair of the UT-Battelle/ORNL Corporate Fellows Council** that advised ORNL senior management on scientific and technological issues and opportunities.

Dr. Goyal has over twenty-five years project management and administrative experience as principal investigator in managing technical projects of a diverse nature and involving multiple organizations. He also has experience as President & CEO and financial head as well as experience in interacting with private equity firms such as venture capital firms and angel investors.

Dr. Goyal has developed clean energy technologies for over two decades. He has authored more than 350 technical publications and has 87 issued patents comprising 70 US and 17 International patents, and over 20 patents pending. He was the most cited author worldwide in the field of high-temperature superconductivity from 1999-2009. He has received numerous accolades including the presidential level **DOE's E. O. Lawrence Award** in the inaugural category of **Energy Science & Innovation**. The US Department of Energy (DOE) Secretary on behalf of the President of the United States bestows the award. Other key honors include: **TEN R&D 100 awards** which are

¹ RENEW is a multidisciplinary institute at UB involving seven schools and colleges.

widely regarded as the “*Oscars for Innovation*” over the years (in 2017, 2016, 2013, 2012, 2011, two in 2010, 2009, 2007, 1999); *Three National Federal Laboratory Consortium (FLC) Awards for Technology Transfer signifying passion for innovation and translation to industry*; the *2012 World Technology Award* in the category of “Materials”; *2010 R&D 100 Magazine’s Innovator of the Year Award*; *2010 Distinguished Alumnus Award* from the Indian Institute of Technology; the *2008 Nano50™ Innovator Award*; the *2007 Pride of India Gold Award*; *University of Rochester’s Distinguished Scholar Medal in 2007*; the *U.S. Department of Energy Exceptional Accomplishment Award* in 2005; the *UT-Battelle Inventor-of-the-Year Awards* in 2005 and 1999; the *2005 Global Indus Technovator Award*; in *2001 the Energy-100 Award* for the finest 100 scientific accomplishments of the U.S. Department of Energy since it opened its doors in 1977; the *Massachusetts Institute of Technology’s Technical Review TR100 Award*; and the *Lockheed-Martin NOVA Award for technical achievement* in 1999.

Most recently, he was awarded the UB President’s Medal, first presented in 1990, recognizes “*Outstanding scholarly or artistic achievements, humanitarian acts, contributions of time or treasure, exemplary leadership or any other major contribution to the development of the University at Buffalo and the quality of life in the UB community.*” This is the highest recognition given at the university. Will be awarded at the upcoming 2019 Commencement Ceremonies.

He is a Member of the *National Academy of Engineering (NAE)* and the *National Academy of Inventors (NAI)*. He has been elected Fellow of eight professional societies: the American Association for Advancement of Science, the Materials Research Society, the American Physical Society, the World Innovation Foundation, the American Society of Metals, the Institute of Physics, the American Ceramic Society and the World Technology Network.

Dr. Goyal received a *B.Tech.(Honors) in Metallurgical Engineering* from the Indian Institute of Technology, Kharagpur (India), a *MS in Mechanical and Aerospace Engineering* from the University of Rochester, NY and a *PhD in Materials Science & Engineering* from the University of Rochester, NY, executive business training from the Sloan School of Management, MIT and an executive MBA from Purdue University and an international executive MBA Tilburg University (The Netherlands).