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## With Honors

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# University of Dayton, Ohio (url: <http://www.udayton.edu/index.php>)



## With Honors

11.16.2010 | Research, Engineering, Faculty

The American Society of Mechanical Engineers (ASME) will present a University of Dayton researcher its highest international award in gas turbine technology.

Dilip Ballal will be the recipient of 2011 ASME R. Tom Sawyer Award that goes to "an individual who has made a lifetime of scholarly contributions to advancing gas turbine technology, the gas turbine industry and the ASME's International Gas Turbine Institute."

"Growing up in India, two of my idols were the co-inventors of the jet engine, Frank Whittle and Hans von Ohain," said Ballal, the Hans von Ohain Distinguished Professor in mechanical and aerospace engineering, director of the University's von Ohain Fuels and Combustion Center, and division head of the University of Dayton Research Institute's energy and environmental engineering division. "I have been fortunate to have been able to work alongside Hans von Ohain and become director of a center bearing his name. I am now humbled to be honored with this award that both Frank Whittle and Hans von Ohain have won."

Besides Whittle and von Ohain, past winners of the R. Tom Sawyer Award include executives at aviation giants GE Aviation, Pratt & Whitney and Rolls Royce; and scholars at Cambridge University and MIT.

"This is a tremendous and well deserved honor for Dilip that brings great recognition to the fuels, combustion, and energy research work we are doing at the University of Dayton," University of Dayton School of Engineering Dean Tony Saliba said.

Ohio Gov. Ted Strickland, in part because of Ballal's work, named the von Ohain Center an Ohio Center of Excellence in Advanced Energy. Ballal and his coworkers also helped the University gain a six-year, \$49.5 million grant from the U.S. Air Force to help develop clean alternative fuels from various feed stocks such as coal, biomass and algae; enhance engine fuel efficiency; reduce combustion-generated emissions; and investigate the environmental impact of fossil fuels use.

"Dilip and his group have secured millions of dollars in sponsored research, increasing the research profile of the University," said Mickey McCabe, University of Dayton vice president for research. "This award is a tribute to Dilip, his team and his work toward creating cleaner, more efficient fuels that will benefit mankind and the environment."

Ballal, an ASME senior vice president who also is editor-in-chief of ASME's Journal of Engineering for Gas Turbines and Power, will receive the award at the 2011 ASME International Turbo Expo June 6-10 in Vancouver, British Columbia.

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