



## PRAXAIR NEWS RELEASE

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### **Praxair Announces TruForm™ AMBition Grant Supporting Additive Manufacturing for Universities in North America**

DANBURY, Conn., November 2, 2017 – Praxair, Inc. (NYSE: PX) announced that it will be offering a limited number of in-kind grants to select North American universities through its surface technologies business. The grant recipients will receive material and engineering assistance to support metal additive manufacturing courses and projects from Praxair Surface Technologies (PST). Additive manufacturing, also known as 3D printing, is a process that uses design data to create 3D objects by building up layers of material.

The grants will provide PST's TruForm™ metal powder, which is designed specifically for additive manufacturing applications. Material testing and consultation from Praxair's team will also be provided.

“As a leading supplier of metal powder for additive manufacturing, we want to invest more in technology development to help grow the next generation of engineers,” said Dean Hackett, PST vice president of Advanced Materials & Equipment. “By offering our materials and other resources, we hope to support this exciting technology.”

The grant application form can be found at [www.praxairsurfacetechologies.com/truform-ambition-application](http://www.praxairsurfacetechologies.com/truform-ambition-application) along with more details related to the TruForm™ AMBition Grant. Grant applications will be accepted through December 31, 2017, and winners will be notified by February 28, 2018.

“Each day, more and more universities are incorporating metal additive manufacturing courses into their curricula,” said Andy Shives, business manager for Additive Manufacturing at PST. “We want to support growth in additive manufacturing projects within the academic community and believe that these grants will provide many new opportunities for students and teachers alike.”

Praxair Surface Technologies currently supplies cobalt, copper, iron, nickel and titanium based alloys and also offers the associated industrial gases to the additive manufacturing industry. The business' Indianapolis location also operates multiple additive machines in its Additive Manufacturing Lab.

#### **About Praxair**

Praxair, Inc. is a leading industrial gas company in North and South America and one of the largest worldwide. With market capitalization of approximately \$40 billion and 2016 sales of \$11 billion, the company employs over 26,000 people globally and has been named to the Dow Jones® World Sustainability Index for 15 consecutive years. Praxair produces, sells and distributes atmospheric, process and specialty gases, and high-performance surface coatings. Our products, services and technologies are *making our planet more productive* by bringing efficiency and environmental benefits to a wide variety of industries, including aerospace, chemicals, food and beverage, electronics, energy, healthcare, manufacturing, primary metals and many others. For more information about the company, please visit our website at [www.praxair.com](http://www.praxair.com).

## About Praxair Surface Technologies

Praxair Surface Technologies offers a comprehensive array of high-performance coatings, materials, and technologies to the aviation, energy and other industries. By continuously advancing coatings technologies, Praxair Surface Technologies helps customers improve environmental performance, decrease energy consumption, extend component life, improve productivity, minimize downtime, reduce operating costs and produce high-quality products. Additional information about Praxair Surface Technologies is available at [www.praxairsurfacetechologies.com](http://www.praxairsurfacetechologies.com).

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