



Mapping the Building Blocks of Human Scientific Creativity

### **Leading Scientists and Engineers Win 2016 *Innovation in Smart Chemistry Award***

Dr. Michael Overcash, Ph.D., and a number of his scientific colleagues won the 2016 *Innovation in Smart Chemistry Award* for discovering a repeating pyramidal shape in molecular building blocks as they mapped detailed chemical manufacturing processes.

The award is sponsored by Nike, NASA, the U.S. Department of State, the American Chemical Society Green Chemical Institute, and the U.S. Agency for International Development.

The repeating pattern shows the aggregation of processes that make up the supply chain – from the sourcing of raw materials from the ground at the base of the structure, through the progression of intermediates in the supply chains, to the chemical product at the top.

The group's discovery piqued the interest of the scientific, corporate, public policymaking, and philanthropic communities when it was revealed in a paper published by Dr. Overcash in the Royal Society of Chemistry's Green Chemistry Journal in March 2016.

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