



David Thompson joined Applied Materials in March of 2010 to lead development in ALD process chemistry. He did his undergraduate studies in chemical engineering and moved on to pursue a Ph.D. in the organometallic chemistry of fullerenes and nanotubes. Both of these degrees were obtained at Queen's University in Kingston, Ontario, Canada. Following a postdoctoral Materials Science appointment at the Royal Military College of Canada modeling non-stoichiometry in nuclear materials, David joined Praxair Inc. in 2002. At Praxair, David held a variety of roles related to ALD and CVD precursor development in Praxair's research and development organization. He participated in the development and commercialization precursors currently in use today for high volume manufacturing of semiconductor devices. While at Praxair, he collaborated closely with many customers on ALD chemistry discovery and process development. David has 30+ granted US patents in semiconductor chemistry, process and hardware technology. David has progressed through a variety of roles during his recent tenure at Applied Materials and currently is the Sr. Director of the Center of Excellence in Chemistry where he leads and directs new chemistry identification, selection and introductions for a variety of platform technologies.