

Working as an Industrial Scientist: Two Technology Development Examples and Personal Perspectives

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Abstract

Dr. Anna Sandlin, Research Scientist at Dow and K-State University Chemistry Department alumna, will be presenting on two technology development examples as well as her personal perspectives on working as an industrial scientist. The two technology development examples will cover evaluation of a vacuum UV detector for gas chromatography (GC-VUV) and modification of a process GC for comprehensive two-dimensional chromatography (GC x GC).

Biography

Dr. Anna Sandlin is a Research Scientist at Dow. She has worked in the Analytical Science organization, which is part of Corporate R&D, since joining Dow in 2011. Her research has focused on new product and process scale-up and commercialization across several Dow businesses as well as analytical method and instrument development. Her contributions to multiple Dow products and processes have been recognized with an internal manufacturing award as well as several external awards (R&D 100 awards, ICIS Best Process Innovation award). Additionally, Anna has led Dow Analytical Science recruiting efforts in North America the past two years and has been a session co-chair at SciX for Process Analytical Technology the past four years. Anna graduated with her BS in Chemistry from Kansas State University and her MS and PhD in Analytical Chemistry from the University of Michigan.