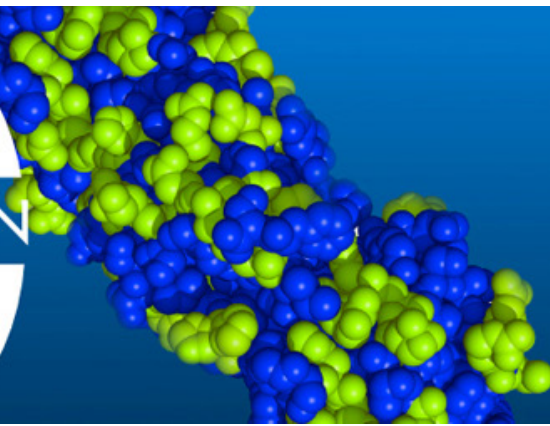


100 YEARS OF INNOVATION



ALUMNI SPOTLIGHT

Russell B. Shnitser '02, '10M is a professional in process engineering design, simulation, equipment sizing, PFDs, P&IDs and startup for the oil and energy industry. He also has more than seven years of experience working with hydrogenation units and hydrogenation technology.

Currently employed by Air Products and Chemicals as a principal process engineer, he executes process and equipment designs for natural gas liquefaction facilities in addition to process cycle simulations.

Starting his career at Axens North America as a process engineer, he was involved in the start-ups of a gasoline hydrotreater unit in Alberta, Canada, and the first ebullated-bed HVGO hydrocracking unit (T-STAR) in Perm, Russia.

Following the successful operation of those units, Russell performed simulations and heat and material balances for the first commercialization of a coal liquefaction process (H-Coal). At that time, he also completed process design, equipment sizing, PFDs and P&IDs on hydrodesulfurization, hydrocracking, sour water stripping, amine regeneration and H₂ recovery units.

After five years at Axens, Russell went on to use his expertise at Middough Inc as a senior engineer. While there he developed the detailed design of Valent BioSciences' Central Utilities Building, and developed a fluids model to study the FCC hydrotreater at Valero Delaware City Refinery, among other projects.

He worked there until accepting his current position in 2012.