

Lehigh Valley ACS Section Meeting Moravian University WolframAlpha

Thursday, January 25, 2024

Collier Hall of Science, Moravian University



Social 5:30 pm / Dinner 6:00 pm: Collier Hall of Science Atrium

Meeting|Program 7:00 pm: Collier Hall of Science 204 Dana Lecture Hall

Chemical Superpowers with ChatGPT + Wolfram

Speaker: Jason Sonnenberg, Wolfram|Alfa



Abstract: ChatGPT from the AI research and deployment company OpenAI upended chemical education and research. For all its remarkable prowess in “textually imitating” human writing, it can't be expected to do nontrivial computations correctly. Wolfram makes ChatGPT smarter by giving it access to powerful computation, accurate math and curated chemical knowledge through Wolfram|Alpha and Wolfram Language. The resulting collaboration between ChatGPT and Wolfram produced a powerful “chemical assistant” that can aid students, educators, and researchers alike. The transformative potential of this technology in facilitating chemical education and research, as well as empowering educators to create dynamic and engaging learning experiences, will be illustrated.

Speaker Biographical Information: B.S. The Ohio State University, Ph. D. Computational Chemistry, Wayne State University.

Social Hour Menu: Cheese & Crackers, Fruit Tray, Beverage

Dinner Menu: Grilled Chicken with Bruschetta Topping

Cost: \$30 for members, \$15 for students.

RSVP: June Thompson 610-861-1425; thompsonj03@moravian.edu by **Wednesday, Jan 17**

Directions: <https://www.moravian.edu/landmarkconference/directions>

Parking: Along Main Street in Bethlehem, also Campus Lots B, M, N, O, and X [see [map](#)].

Meeting Organizer Contact Information: Steve Dunham dunhams2@moravian.edu

**MORAVIAN
UNIVERSITY**



ACS Local Section
Lehigh Valley

Main Street Campus North

