Dear Science Educator,

You and your students are invited to Career Day sponsored by the American Chemical Society to be held at the University of Missouri-St. Louis (UMSL) in the Chemistry and Biochemistry Department on Friday November 15th, 2019 from 9 a.m. to 12 p.m. The aim is to introduce your students to careers involving chemistry and biochemistry and have them witness activities in those areas. It includes tours of research laboratories and instrument facilities, and Chemistry Demonstrations by the UM-St. Louis Chemistry Club. Brief talks on What is Chemistry and What Careers Use Chemistry precede the tours. Chemistry and biochemistry are “central sciences” and other careers such as ones in the healthcare industry also involve these disciplines; they are key components in a STEM education. In the tour, research in biochemistry, inorganic, organic, and physical chemistry will be featured and major instruments to be shown and demonstrated include X-ray Diffraction, Nuclear Magnetic Resonance (NMR), High-Performance Liquid Chromatography (HPLC), Mass Spectrometry (MS) and Electron Microscopy. A lunch (pizza, etc.) starting at about 11:30 a.m. will conclude the event.

This should be a valuable experience for your students as they consider their college and future career options.

Please respond by Friday November 1, 2019 to Leah Trimble [(314) 516-5311, e-mail: trimblel@umsl.edu] or Jasmine Maloney [(314) 516-4146, jsmn96@umsl.edu] to inform us that you will attend. Please let us know how many students will accompany you so that complete arrangements for food and setting up of tour groups may be made. Please include an e-mail address in your response to this invitation. The day involves lots of activities so please plan to be punctual. For those who can attend, additional information will be provided later by e-mail. We again are contacting science educators by e-mail rather than by traditional mailing. Please note: our budget for this event does not include the cost of transportation for attendees but free parking will be provided. Additional details concerning the planned program can be obtained from Keith Stine or Jim O’Brien; their contact information is given below.

Professors Keith Stine and James J. O’Brien
E-mail: kstine@umsl.edu; obrienjj@umsl.edu
Telephone: (314) 516-5346 (Keith Stine)
(314) 516-5717 (Jim O’Brien)
FAX (314)-516-5342