

2018 AIChE Virtual Local Section Election Candidates

Chair

Kirsten Sinclair Rosselot (currently serving as Vice Chair Pro-Tem)
United States



If elected to the office of Chair of the Virtual Local Section, I will:

- convene and preside at meetings of the Virtual Local Section
- provide strategic direction and leadership in enhancing the effectiveness of the section toward meeting the goals of its members
- appoint chairs of standing committees
- validate the election tally
- attend the AIChE's Local Sections Committee meetings
- succeed to the office of Immediate Past Chair at the end of my term and fulfill their duties

The goal of the Virtual Local Section is to leave no chemical engineer behind. As Chair, I will strive to make the Virtual Local Section realize its potential and provide its members with more of the benefits that a physical local section provides. For example, I want the Virtual Local Section to foster opportunities for conversations and connections between members. I also want the monthly webinars to provide members with a convenient opportunity to exercise their brain cells, glimpse the future, and refresh their understanding of the basics.

Most Virtual Local Section members are not getting the most out of membership. As Chair, I will work towards reaching out to members so that they know how to get the most of membership. I will also work towards enriching the delivery of services that the Section provides its members.

The Virtual Local Section is blessed with a strong slate of candidates on the ballot this year as well as strong continuing Officers and Directors. We are also blessed to have more than 700 members. Please contact me if you are interested in working with these Officers and Directors over the coming year to strengthen the section. You can reach me at ksrosselot@processprofiles.com.

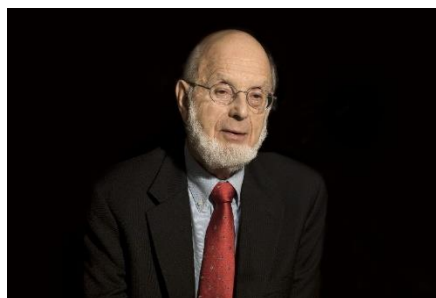
Here is a summary of my background. I am a UCLA graduate and hold a California Professional Engineer's license. I started Process Profiles, an environmental consulting company, in 1995. I specialize in assisting clients with questions that thermodynamics can help answer. My clients often need help with understanding emissions or releases that are technically difficult to estimate or with determining which of the substances or processes at their facility should be the focus of reduction, efficiency, and/or substitution efforts.

For many years, I have been a regular member of technical peer review panels for EPA scholarships and SBIR grants. I taught upper division/graduate student elective courses on pollution prevention in the chemical engineering department at California State University, Long Beach for two years and have coauthored many handbooks, textbooks, and other teaching and outreach materials.

Senior Vice Chair

Walter Goldstein, PhD, MBA, PE (currently serving as a Director)

United States



I am a chemical engineer with background in biotechnology, chemical processes, energy, materials, food processes, natural products, pharmaceuticals, and healthcare. I have traveled internationally for employers on various missions and plant startups. My experience leading R&D and translating results to manufacturing and sales has resulted in development of personnel, products, technology, and intellectual property. I provide consulting and expert witness services. My modeling based on chemical engineering techniques is expected to help patients control their diabetes. I am interested in applying my modeling ideas to help find cures for diseases such as cancer and IBS.

I fully believe that we can protect the environment and business at the same time as we seek solutions to management of energy generation and utilization of fuel sources. Further, I think there are solutions to health care challenges (including cost) that can be addressed through solid thinking akin to that which is provided through chemical engineering training and experience.

My eclectic interests and experience in areas such as pharmaceuticals, food, fermentation, enzymes, and flavor systems result in my seeing opportunities for new products across the board. Approaches to helping deal with global warming and nuclear waste disposal are important to me.

My authored and edited books deal with environmental and energy subjects. My most recent, *The Science of Ethanol*, is written to try to help this industry and users of ethanol prosper. My first book (edited and co-authored), *Sick Building Syndrome and related Illness*, is directly relevant to solving problems in health related to mold that people are experiencing. My second book (edited and co-authored), *Pharmaceutical Accumulation in the Environment*, is written to help remedy this situation before it becomes more serious for us all.

I hold MS and Ph.D. degrees in chemical engineering from the University of Notre Dame, an MBA from Michigan State University, and a BS degree in chemical engineering from the Illinois Institute of Technology. I am a Registered Professional Engineer. I have been seeking to commercially develop a patented process to produce Universal Blood from stem cells to augment/replace donor blood.

My web site is www.chemicalengineeringexpertwitness.com

- AIChE Senior Member
- Food, Pharmaceutical, & Bioengineering Division
- North American Mixing Forum

Virtual Local Section Roles

- Virtual Local Section (Director)
- Interested in developing a strategy and implementation plan that will be affected to help improve the capability of the Virtual Section to serve those in our profession and society worldwide

If elected I agree to the following duties:

- Assist the Chair as required
- Chair the Virtual Local Section's Advisory Council
- Convene and preside at meetings of the Virtual Local Section when the Chair is unavailable
- Succeed to the office of Chair when the office becomes vacant
- Attend Executive Committee meetings and contribute to management and program decisions

Vice Chair

Aslam Khan

Malaysia

Mr. Aslam Khan has more than 20 years of experience in the petrochemical industry. He is currently the Production Manager of Asean Bintulu Fertilizer (ABF), a subsidiary of PETRONAS, that produces 772,000 short tons of Urea annually. Starting his career as a process engineer at ABF, Mr. Khan soon joined the Operations department and specialized in managing Ammonia and Urea operations. In 2006, he joined the Petronas Ammonia plant in Kerteh as the Process Engineering Manager, before returning to ABF in 2009 as the Senior Manager of Production. During his tenure at ABF, he has been involved in DCS upgrading, process revamp studies, implementations of plant historian, alarm management and process safety management.



Currently involved in looking at how digitalization of work process, new application and solution, digital devices, etc., can improve safety as well as efficiency of the workforce in an organization.

Mr. Khan holds a Bachelor of Science degree in Chemical Engineering from the University of Birmingham, UK, and has presented at past AIChE Ammonia Conferences.

As the Vice Chair, Mr. Khan will strive to assist the Chair as required and succeed to the position of Senior Vice Chair, as well as attending meetings and contributing to programs and management.

Residing in Malaysia, Mr. Khan is very interested in supporting the continued global growth of the AIChE Virtual Section. See the potential of promoting and growing AIChE in Malaysia and surrounding areas through programs and events in relation to AIChE.

Treasurer

Jennifer Brand

United States

I am enthusiastic about the current directions of the VLS and want to be an active part of the progress.

My official title is Professor Emeritus (Chemical and Materials Engineering) at the University of Nebraska, where I taught, published, wrote lots of successful grants, and directed a research program with a strong international component. Prior to becoming an academic, I enjoyed working in non-academic settings, including private industry, national lab, and consulting environments. Major technical emphases throughout my career have been energy production and its environmental effects, advanced materials for sensors and biomedical applications, supercritical fluids, and applying systems engineering to complex systems, such as pharmaceuticals and medical devices. Academically, I enjoyed teaching a broad spectrum of classes, including thermo, fluid mechanics, radiation detection, air pollution, bioprocessing, organic chemistry, polymer engineering, and unit ops lab, always striving to show how the underlying fundamentals were actually applied in current engineering practice.



I previously served the VLS as newsletter editor and served a partial term as a Director due to a resignation. I want to become more active again because I know the value of having a strong professional community, even if we are often time zones away. Having VLS connections as backup is great when we find ourselves as the only _____ (fill in the blank: technical person, chemical engineer, foreigner, American, leader, problem-solver, etc.) in the room! (My editorial in the January 2014 AIChE VLS Newsletter expands on this theme.)

If elected Treasurer, I look forward to attending the board meetings again, and in addition to the duties of Treasurer, also contributing to the effective implementation of new and continuing initiatives in others ways. Most of all, I would like to ensure that we continue to give all chemical engineers, in all stages of their careers, enough added value that they become part of the VLS, whether or not they are also lucky enough to belong to a geographically local section.

Candidates for Director (2 positions available)

Mario Arredondo

Mexico

Mario Arredondo is leading the development and growth of a process engineering department at Kiewit's Mexico Office. He has been an AIChE member since 2006. He is a graduate from Instituto Politecnico Nacional's Chemical Engineering School and holds a MBA from ITAM and has followed several training programs towards project management.



He began his career as a Process engineer in year 2000 before graduation and served in different companies. He has played a key role to interpret and define a work philosophy of collaboration and interaction at all levels of the in the project. He has experience in the upstream, midstream and downstream industry. He has co-authored two papers promoting the use of transient simulations with new applications "Performance testing data interpretation using Markov Chain Monte Carlo methods for Natural Gas Transmission Pipeline with Compressor Station" and "Simulation Based performance test of natural gas transmission pipeline with compressor station". Both papers were presented with the Pipeline Simulation Interest Group annual meeting and contributed to the Gas Processing magazine.

Statement

Local sections were created as a way to get Institute's members in touch towards a common interest bringing information, knowledge, people and experiences together. Virtual Local Section, although new, due to the current changes in the industry faces a challenge to get the right people at the right time and place, and this is difficult due to the different time zones and the diverse topics that are covered by the Chemical Engineering.

If elected to be a Director of the Virtual Local Section, I will:

- Improve section's members interaction and participation such as easy to access panels and enhance the use of other technological tools
- Promote new and different interest topics that could attract community members
- Attend board meetings and contribute to management and program decisions
- Either oversee or chair one of the Section's standing committees, or serve as Secretary of the Advisory Council

Candidates for Director (2 positions available) (continued)

Richard Evans

United States

Graduated from the University of Glamorgan with a bachelors in chemical engineering (honors). 19 years' experience in petrochemical and pharmaceutical production. Currently working as a process engineer for Sabic.

Have worked both in United Kingdom and USA. I specialize in pressure relief design, fluid mechanics and heat transfer.

I am a member of both the AIChE and IChemE and found their resources to be invaluable to increasing my knowledge in chemical engineering specialties. Having found the local sections a valuable networking resource. I believe the VLS is a great way to reach engineers that do not have access to a physical group.

If elected to the position of director I will:

- Oversee or chair one of the standing committees or be Secretary of the Advisory Council.
- Attend board meetings and contribute to management and program decisions.
- Help the VLS in any other capacities required of me.

