

Small Chem Biz

Division of Small Chemical Businesses
American Chemical Society



August 2016

Volume 46, Issue 2

UPCOMING EVENTS

October 5-8, 2016

**Northeast
Regional Meeting
Binghamton, NY**

October 23-26,
2016

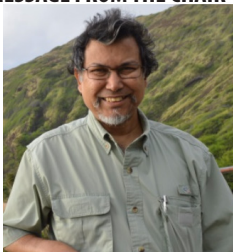
**Southeastern
Regional Meeting
Columbia, SC**

October 26-28,
2016

**Midwest
Regional Meeting
Manhattan, KS**

MESSAGE FROM THE CHAIR

Anis Rahman



It is my privilege to serve as Chair of the SCHB for the upcoming months. I pledge to do everything possible to ensure the SCHB's smooth advancement. At the outset, please let me mention that my style is very hands off and the aim is to facilitate everybody's participation for the betterment of the small chemical businesses community. As such, I encourage everyone to effort their best and work collaboratively.

It is no secret that the small businesses take the highest risk to bring advanced products and services for the community. By doing so, they have an opportunity to fulfill their dream but they also risk losing it all. As you know, the ACS has a keen interest to see that the small chemical businesses succeed. The farsightedness was clear from the creation of the SCHB back in 1978 when Dr. Alexandra Melnyk conducted a study on "ACS and Chemists in Business for Themselves," in 1977 and forwarded the report to the ACS. At the National Meeting of September 1978, the Divisional Activities Committee recommended a petition to the Council, and the Council established the "Division of Small Chemical Businesses," or the SCHB. Over the last 38 years, the SCHB has come a long way; however, it still has a long way to go. The SCHB is actually the smallest division of the ACS. Although, the SCHB members often represent a small company of a few employees, nonetheless, the total member count as of last fall meeting is only 642 with an annual budget of mere \$60,000. While increasing the member count is important, I do not propose just a random raise. An SCHB member should also represent a small business of some sort. Also, an often forgotten fact is that the SCHB should invite members of academia in the mix. The academia must gain insight in preparing the next generation of the workforce by keeping the industrial sector in mind where the SCHB may play a role. So, there is a lot to do. We are keen to collaborate across the board for the betterment of the SCHB. Please feel free to reach out to any of the executive committee members included in this brochure for any reasons.

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Yours sincerely,

*Anis Rahman
SCHB Chair*



252nd American Chemical Society National Meeting & Exposition



of the People, by the People, for the People

PHILADELPHIA PREVIEW

Joe Sabol, Program Chair

SCHB has a great meeting for you in Philadelphia, with full details, including symposia in other divisions that are cosponsored by SCHB; see the on-line program and mobile app at www.acs.org/philadelphia2016 and www.acs-schb.org.

Start with Members Continental Breakfast, Sunday August 21, 7:00-8:00 A.M., Hilton Garden Inn, Garden Room. After a short welcome and discussion, we will have the ACS Presidential Candidates, Tom Gilbert and Peter Dorhout, present their platforms and take Q & A. If you plan to attend, please RSVP at <http://ow.ly/F4Gc302FFed>.

Immediately following breakfast, your SCHB Executive Committee will meet Sunday August 21, 8:00-11:00 A.M., Hilton Garden Inn, Garden Room. The meeting is open and all are invited to attend. If you have an item for the agenda or other questions, contact secretary@acs-schb.org

Entrepreneurs Poster Session will be Sunday 10:00 A.M.-12:00 P.M. in Hilton Garden Inn, Rittenhouse 1 & 2, George Ruger, organizer. Posters will remain up until Monday evening, Sci-Mix.

SCHB and PROF will host Speakers and Members Luncheon, 12:00-1:00 P.M. in Hilton Garden Inn, Franklin 2. This is a SCHB member benefit and no cost to you, please RSVP at <http://ow.ly/QMWN302FH3o>.

At 1:20 P.M. Regional Small Chemical Businesses: Case Histories & Lessons Learned will showcase bio-tech, academic-industry start-ups, technology commercialization, and more. Allen Reitz and Jay Wrobel, organizers. Hilton Garden Inn, Rittenhouse 1 & 2.

The Expo opens Sunday 6:00-8:30 P.M., Philadelphia Convention Center, Halls A & B. Make sure you stop by SCHB's booth 333 and "discuss business" with SCHB members and officers. If you want to take a 2-3 hour shift at SCHB's booth (Sunday evening or Monday, Tuesday 9:00 A.M.-5:00 P.M.) contact expo-booth@acs-schb.org to schedule. It's easy - distribute SCHB literature, explain member benefits, and answer any questions about SCHB to attendees. SCHB will have a small gift for you for your service.

Monday has a full day of International Drug Discovery & Development Collaborations, with natural products, medicinal chemistry, zero waste, and commercialization, Mukund Chorghade, organizer. Coffee will be available at 7:45 A.M. and opening remarks at 8:30 A.M. Hilton Garden Inn, Rittenhouse 1 & 2. Note: this symposium will be recorded by ACS Presentations on Demand.

SCHB and PROF will host Speakers and Members Luncheon, Monday, 12:00-1:00 P.M. in Hilton Garden Inn, Franklin 2. This is a SCHB member benefit and no cost to you, please RSVP at <https://t.co/QYDt33Qbfb>.

SCHB and CHAS will host Social/Reception Chemistry You Can Taste, 5:00-7:00 P.M., at Kent-Atwater Garden, Philadelphia History Museum, 15 South 7th Street. Hats off to Russ Phifer for organizing!

Wrap-up Monday evening at Sci-Mix, 8:00-10:00 P.M., Philadelphia Convention Center, Halls D & E.

Tuesday holds Chemical Business of the People, by the People, for the People, PRES with SCHB cosponsor, Marriott Downtown, Independence II/III, Joe Sabol, organizer. Coffee will be available at 7:45 A.M. and opening remarks at 8:30 A.M.

SCHB and PROF will host Speakers and Members Luncheon, 12:00-1:00 P.M. in Philadelphia Downtown Marriott, Independence I. This is a SCHB member benefit and no cost to you, please RSVP at <http://ow.ly/esnN302FInX>.

To top it off, SCHB is a finalist for two Chemluminary Awards: Global Engagement and Most Innovative Project, from SCHB member programming at Pacificchem 2015. The Reception, with posters from finalists, begins at 8:00 P.M. and Awards Ceremony at 9:00 P.M., Philadelphia Convention Center, Terrace Ballroom One. Please attend and cheer for SCHB!

Start the Philadelphia Meeting with the SCHB Members' Breakfast!

Sunday, August 21

7:00 A.M.-8:00 A.M.

Hilton Garden Inn, Garden Room

Please RSVP if you plan to attend:

<http://ow.ly/F4Gc302FFed>

SCHB Technical Programming

Hilton Garden Inn Philadelphia City Center (unless otherwise noted)

SUNDAY

10:00 A.M.- 12:00 P.M.

Entrepreneurs' Poster Session, Hilton Garden Inn, Rittenhouse 1 & 2

1. SCHB: Benefits of membership. **A. Rahman**
2. Chemical Angel Network: Chemical professionals investing in chemistry enabled businesses. **S. White, et al.**
3. Cassava fibrous waste as a sustainable feedstock for fermentable sugars: characterization and energy analysis. **K. Gali, et al.**
4. Emerging opportunities for chemists in the cannabis industry. **E. Oltermann**

SUNDAY NOON

12:00 P.M.-1:00 P.M.

Speaker & Member Luncheon

*Hilton Garden Inn
Franklin 2*

RSVP

<http://ow.ly/QMWN302FH3o>

SCHB Presenters Benefit

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Contact Program

Chair Joe Sabol

program@acs-schb.org

Free Newsletter Ad

Contact Newsletter Editor

Rajeev Chorghade

newsletter@acs-schb.org

SUNDAY AFTERNOON

*Regional Small Chemical Businesses: Case Histories and Lessons Learned
Hilton Garden Inn,
Rittenhouse 1 & 2*

1:20 P.M. Introductory Remarks.

1:30 In search of a cure: A scientist-entrepreneur's journey in biotech. **M. Sofia**

2:00 Non-traditional drug discovery in a non-traditional environment. **G. Smith**

2:30 Efforts of start-ups between academia and small businesses. **J. Salvino**

3:00 Intermission.

3:20 Ben Franklin partnership and chem/pharma start-ups in the Lehigh Valley: Case histories and lessons learned. **N. Heindel, et al.**

3:50 Commercialization of science: Challenges and opportunities. The Moulder Center experience. **M. Abou-Gore**

4:20 SAR development in the start-up and small business environment.

A. Reitz

MONDAY MORNING

*International Drug Discovery & Development Collaborations,
Hilton Garden Inn,
Rittenhouse 1 & 2*

8:30 A.M. Introductory Remarks.

8:35 Challenges and opportunities: moving from chemistry to healthcare, from academia to industry.

M. Lieberman

9:00 Translating molecular biology and clinical concepts into useful therapeutic agents within an academic-based drug discovery and development center.

P. Erhardt

9:25 When preparation meets and creates opportunities: scientist to CEO journey.

R. Barbhuiya

9:50 Intermission.

10:10 Global entrepreneurship and discovery collaborations through STEM outreach. **C. Monroe**

10:35 Creating the quantified skin category - an entrepreneur's journey.

R. Mehendale

11:00 Fundamental science to commercial adventures.

R.H. Grubbs

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MONDAY AFTERNOON

*International Drug
Discovery & Development
Collaborations,
Hilton Garden Inn,
Rittenhouse 1 & 2*

1:35 P.M. Medicinal

chemistry in an academic
drug discovery setting: there
is life after big pharma. **W.
Childers**

2:00 Discovery of MCAT-
53 for C-H activated C-C
coupling in water (green
chemistry). **A. Mehta**

2:25 Exploring new frontiers
in chemistry through
advanced manufacturing
technologies. **M. Bio**

2:50 Intermission.

3:10 Natural products for
treatment of cocaine addiction.
D. Lee

3:35 When, how, and why to
start a chemical business and
how to take the advantages
and avoid the pitfalls. **N.
Vaidya, et al.**

4:00 Zero-waste approaches:
good for sustainability
and great for business.
R. Riman

4:00 Building international
drug discovery and
development businesses
based on intergration of
basic and applied research.
M.S. Chorghade ■

MONDAY EVENING

*Pennsylvania Convention
Center Halls D & E*

8:00 P.M. - 10:00 P.M.
Sci-Mix

- 1.** SCHB: Benefits of membership. **A. Rahman**
- 2.** Chemical Angel Network: Chemical professionals investing in chemistry enabled businesses. **S. White, et al.**
- 3.** Cassava fibrous waste as a sustainable feedstock for fermentable sugars: characterization and energy analysis. **K. Gali, et al.**
- 4.** Emerging opportunities for chemists in the cannabis industry. **E. Oltermann** ■

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TUESDAY MORNING

*Chemical Business of the
People, by the People, for
the People, Philadelphia
Marriott Downtown,
Independence II & II*

8:00 A.M. Coffee

8:30 Introductory Remarks.
D. Nelson

8:40 Confessions of The
Speaking Scientist™:
growing a business that
helps scientists speak
when the stakes are high.

N. Milanovich

9:10 IP 101: what every
small business should know
about intellectual property.

C.A. Burton

9:40 Your small chemical
business can be both fun and
profitable. **J.H. Lauterbach**
10:10 Intermission.

10:30 Commercializing bio-
inspired chemical products.
K. Ahn

11:00 Harsh realities about
difficulties in the chemical
sciences job market:
view from the frontline.

W.A. Lawal

11:30 Musings of a Midwest
entrepreneur. **T.C. Gast** ■

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acs-schb.org](mailto:expo-booth@acs-schb.org) for a special
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members!

SCHB Technical Programming

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TUESDAY AFTERNOON

*Chemical Business of the
People, by the People, for
the People, Philadelphia
Marriott Downtown,
Independence II & II*

1:00 P.M. Introductory
Remarks.

1:05 Commercialization
of disruptive chemical
technologies by an
entrepreneurial venture.

J.P. Laurino

1:35 Early stage, non-
dilutive, funding through
Federal SBIR and STTR
programs. **M.K. Jain**

2:05 From dream to reality:
experiences that led to
the creation of a chemical
enterprise. **L.M. Burke**

2:35 Concluding Remarks.



SCHB Executive Committee

REGIONAL MEETING REPORT 2016

Joe Sabol, Program Chair

Three Regional Meetings with SCHB programming wrapped up in Q2 2016. Each used the theme Entrepreneur's Toolkit: Resources and Stories, but customized to the flavor and culture of the Regional Meeting.

CERM (Covington KY) had two SCHB posters and a full-day session Entrepreneurship in the Chemical Community Beth Piocos and Joe Sabol, organizers. <http://www.acscerm2016.org/>.

MARM (Riverdale NY) had a half-day session Entrepreneur's Toolkit: Resources and Stories David Deutsch and George Ruger, organizers. <http://marmacs.org/>.

NORM (Anchorage AK) had two SCHB posters and a full-day Entrepreneur's Toolkit: Resources and Stories Janet Bryant and Joe Sabol, organizers. <http://norm2016.sites.acs.org/>.

Hats off to Janet Bryant, who took the lead on SCHB's successful IPG for funding travel to the above three meetings.

Coming up is NERM (Binghamton NY) Chemistry at the Crossroads of Energy and Life October 5-8; SCHB is sponsoring Entrepreneur's Toolkit: Resources and Stories, Jennifer MacLachlan, organizer. The abstract deadline is August 8, and the Early Registration deadline is September 5. <http://nerm2016.sites.acs.org/>

Looking forward, SCHB will support 3-4 Regional Meetings each year. Is one in your local section or nearby? Organizing a session is easy, but the sooner you start, the easier it is. Contact program@acs-schb.org



2017 ACS Regional Meetings

MARM	June 4 - 6, Hershey, PA
CERM	June 7 - 9, Detroit, MI
NORM	June 25 - 28, Corvallis, OR
GLRM	June 27 - 30, Fargo, ND
MWRM	October 18 - 20, Lawrence, KS
SWRM	October 29 - 31, Lubbock, TX



SCHB/PROF NETWORKING LUNCHEON

Innovation and Commercialization in Industry and Ventures, as part of the afternoon symposium session Entrepreneurs' Toolkit: Resources and True Stories. (L to R): Amber Hinkle, Alex Schauss, Darren Johnson, Michelle Dolgos, Judy Giordan, and Janet Bryant.



SCHB MARM SESSION

SCHB speakers from MARM session, June 2016 Riverdale, NY: (L to R): L. Michael Burke, Jr. (ASIR Materials Corp.), Rahul Mehendale (mySkin Inc.), and Thomas Walls (Morgan Lewis & Bockius LLP).

A New Approach to Skin Care

*Rahul Mehendale, M.B.A.,
CEO, mySkin, Inc.*

Skincare is a \$110B global industry and still, consumers don't have a solution that is efficient enough to help them cut through the clutter of hundreds and thousands of products to find something that would work best for them. They have to sift through a set of biased advisors, subjective recommendations from friends and family and resort to time consuming and exhausting trial and error. mySkin helps consumers find the right product using an unbiased and scientific approach and with data drawn from real experiences of product usage by people with skin similar to theirs.



mySkin's mission is to create the Quantified Skin category. Our team of physicians, scientists and engineers put their heads together to develop a home-based solution to help consumers understand their skin health and discover the right set of skincare products personalized for them.

On this journey, mySkin has developed a portfolio of market tested tools in the realm of Quantified Skin. Our genesis is from the medical domain of melanoma detection and is based on the sciences of nanotechnology, spectroscopy and dermoscopy. We started by creating mySkin.com, the world's largest social skincare platform, which now has over 80,000 users who share their skincare issues, experiences, and product usage. We then launched dermograph™, the world's first transdermal skin consultation system for beauty professionals in spas and retail environments. The dermograph™ has a global footprint and is used across North America, Europe, Asia, Africa and Australia as a central part of many skincare businesses.

Our next step in the evolution of Quantified Skin has finally brought us to the creation of OKU, the world's first personal skin coach. OKU helps consumers measure their skin health using an app on their mobile phone in the comfort of their home and gives them

recommendations and coaches them towards great skin. OKU's recommendations are holistic and identify lifestyle, diet and products, based not just on one's unique skin type as determined by the device but also drawn from those who have similar skin, who we call Skintwins™.

OKU is the must-have device for skincare brands since it 1) prevents product commoditization by opening service opportunities and social experiences, 2) offers a powerful data platform to capture measurements, concerns and products used by consumers, and 3) creates a new market, disruptive revenue growth opportunity as seen by category creators like FitBit (OKU is like a FitBit for the face with future applications in hair, nails and medical).

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Contact Newsletter Editor
Rajeev Chorghade at
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Patent Office to Streamline Cancer Patient Prosecution

*Robert Goozner, Ph.D.,
Partner, Young & Thompson*

As part of President Obama's call for a "Cancer Moonshot" to make "... America the country that cures cancer once and for all" the United States Patent and Trademark Office (USPTO) is launching the "Patents 4 Patients" initiative, an accelerated route of review for methods of cancer treatments. The USPTO will also take steps to leverage patent data, and identify promising research and development (R&D) trends on the horizon in cancer immunology, virology, and combination therapy filings via visualization tools offered through the USPTO Developer Hub.

The USPTO's collaboration with the Vice President's Cancer Moonshot Task Force has led to the development of two major projects in support the Cancer Moonshot and underscores how new alliances can defy the bounds of innovation and accelerate the road to prevention, diagnosis, and treatment.

Patents 4 Patients establishes a Fast-Track Review for cancer treatment-related patents. This free, accelerated initiative will launch in July and cut in half

the time it takes to review patent applications in cancer therapy (aiming to have final decisions made in 12 or fewer months). This "fast track" will be open to any applicant, including early stage bio-tech companies, universities, and large pharmaceutical firms, as well as entities who may have products already in FDA approved clinical trials, which will also be able to opt in to the acceleration program, even if they have a patent application already filed with the office. With approximately 900 cancer immunotherapy applications received annually by the USPTO, and from around the world, this program aims to move innovative new treatments from conception through regulatory approval swiftly, to reach a patient's bedside faster.

The "Horizon Scanning Tool" will leverage patent data sets to reveal new insights into investments around cancer therapy research and treatments. With this data released through the USPTO Developer Hub in September 2016, users will be able to build rich visualizations of intellectual property data, often an early indicator of meaningful R&D, and combine them with other economic and funding data. Ultimately, the Horizon Scanning Tool will illuminate trend lines for new treatments and empower the federal government—as well as

the medical, research, and data communities—to make more precise funding and policy decisions based on the commercialization lifecycle of the most promising treatments, and maximizing U.S. competitiveness in cancer investments.

For more information, please visit:

www.whitehouse.gov/CancerMoonshot

<http://www.uspto.gov/about-us/news-updates/teaming-cure-cancer>

VOLUNTEER WITH SCHB

None of SCHB's valuable benefits and activities would have been possible without volunteers like you. If you want to expand your professional network, enhance your leadership skills, or shape the future of SCHB, consider volunteering in a more active role to further SCHB's mission.

Potential roles include Webmaster Assistant, Sponsors Development, Membership Support, Graphic Designer, Assistant Newsletter Editor, or any other ideas you have. Contact any SCHB officer to learn more.

Establishing an IP Position for Chemical and Pharmaceutical Companies

Thomas H. Walls, Ph.D., J.D.

Intellectual property (IP) is the lifeblood of new chemical and pharmaceutical companies. A company's fate can be tied to the strength of its IP positions. Cultivating a robust IP position means securing legal protection for marketable research while developing an IP strategy for shepherding new developments on their way to the marketplace.

A sound IP strategy for chemical and pharmaceutical companies includes three concepts: (1) establishing IP and proprietary data rights, (2) securing data use rights and IP for potential commercial products of sufficient scope and duration, and (3) investigating and clearing potential freedom-to-operate issues for commercial products.

Establish Rights. A company should work to secure its IP and data rights before investing capital into a research project that leads to a marketable product or invention. At a project's inception, a company should secure assignments from inventors, which may include both employees and consultants, and any necessary licenses for vital components. Without establishing exclusive rights, including the

rights to enforce its IP, a company's research may be mired in ownership and enforcement issues that can stifle funding and commercialization.

Secure Rights Of Adequate Scope and Duration. Companies should not shoehorn themselves into a single strategy for securing legal protection of their IP. Every company is different. A company and its IP counsel should craft a strategy that conforms to the company and protects its IP before disclosing it to the public.

Regardless of strategy, a company should seek legal protection for IP with sufficient scope while maximizing the duration of protection. This means drafting patents that describe the commercial products, as well as future alternative embodiments, that may be used to protect a company's developments in a particular commercial product or line of products.

Explore Freedom-To-Operate. Freedom-to-operate means freedom to enter the marketplace without infringing another's exclusive rights (e.g., patent rights). Companies should explore freedom-to-operate issues early in the development of new commercial products. Companies often wait to analyze freedom-to-operate for fear of associated costs. However, these associated costs are often outweighed by the substantial benefits that flow from the freedom-

to-operate analysis, which include knowledge of a defined product market and confidence from prospective investors and licensees.

Establishing a strong IP position is imperative for a company's success in the chemical arena. A start-up company's most valuable assets are its IP and data. There are no guaranties in business, but a strong IP position lays the groundwork for success.

Thomas H. Walls is an Associate at Morgan, Lewis & Bockius, where he assists clients in protecting and leveraging their intellectual property.

Joe Sabol will attend Terra Madre Salone del Gusto, September 22-26, 2016 in Turin, Italy. More than 2,000 delegates (chefs, teachers, farmers, writers, gardeners, botanists, and ranchers) from 160 countries will gather to chart the future of a world in which there is good, clean and fair food for all. Joe owns a vegetable farm in Racine County, Wisconsin and will represent Michigan's Upper Peninsula. For more information www.slowfoodusa.org/terra-madre-salone-del-gusto-2016.

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Visit SCHB officers and volunteers at Booth #333 at the Expo from Sunday to Tuesday! Pennsylvania Convention Center, Halls A & B.

Sunday: 6:00 P.M. to 8:30 P.M.

Monday: 9:00 A.M-5:00 P.M.

Tuesday: 9:00 A.M-5:00 P.M.

We will be joined in Philly on the Small Businesses Row with the following booths: Applied Research & Photonics, Inc. (<http://arphotonics.net/>) at Booth 734. This is SCHB Chair's (Dr. Anis Rahman) firm, where he is CEO. Visit with Anis to discuss the latest in high power, broadband, and terahertz technology. ChemHub, Inc. (<http://chemhub.com/>) at Booth 638. ChemHub has people (starting with President Subir Chakraborty) with extensive experience in the custom chemicals industry. Century Associates (<http://www.centuryassociates.com/>) at Booth 739 will be lead by Jennifer Thew, Chief Operating Officer. The company is a Philadelphia-based Executive Search firm with over 100 years of recruitment history in the chemical and allied industrial sectors. It recently completed a management buyout by Jess Stinson, CEO, and Jennifer Thew, COO. Periodic Products, Inc. (www.periodicproducts.com/) at Booth 1838 is committed to advancing a cleaner and safer global environment through the application of responsible science and new, patented breakthrough chemical technologies. Visit with President and CEO Joseph P. Laurino, Ph.D., M.B.A. to discuss their exclusive technology in the water and wastewater industries, as well as its corrosion prevention, and home-based and commercial products.

MEMBERSHIP BENEFITS:

Amazing Networking Opportunities: ACS Meetings, Social Media (ACS Network, LinkedIn, Twitter, Facebook), Discounted SOCMA listing

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Outstanding Programming at National, Regional, and Local
Section Meetings

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Receive Monthly e-Blast Newsletter

Receive and/or Be Featured in Semi-Annual Newsletter Small Chem Biz

Eligible for Scholarships at ACS
Leadership Institute Courses

To join SCHB, contact ACS Member Services (service@acs.org) or contact SCHB Membership Chair (membership@acs-schb.org). Join today—Membership is FREE for the first year for ACS Members!

SCHB PATRON MEMBERS

Thank you to all SCHB Patrons, who as corporate members wish to foster the Division's objectives to aid in the formation, development, and growth of small chemical businesses.

Special thanks go to our Patron Members, who are also Sponsors of SCHB events. In Philadelphia, Osha Liang, LLP is sponsoring Tuesday morning coffee before the PRES/SCHB session Chemical Businesses of the People, by the People, and for the People.

Welcome to our newest Patron Member, Saul Ewing LLP. And, a thank you to our renewing Patron Members for their continued support.

See below on how your firm can become a SCHB Patron.

CURRENT SCHB PATRON MEMBERS

• Haukaas Fortius PLLC

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(www.saul.com)

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Liaison Member: Dr. Robert Goozner

BECOMING AN SCHB PATRON MEMBER

Interested in becoming a SCHB Patron? SCHB objectives, as defined in the [SCHB Bylaws II, Section 3](#), broadly include addressing legal, educational, regulatory, economic, and legislative needs, encouraging interaction among members and other organizations interested in promoting free enterprise among chemists, being a liaison between small chemical businesses and chemistry students, and providing expertise of its members to the Society for the betterment of the public.

Annual dues for Patron Members are \$200.

Alternatively, become a Patron Member at the \$500 level by sponsoring an event at future National Meetings. These events include Meeting Breakfasts, Speakers' Luncheons, or Socials.

For details, contact Treasurer David Deutsch (treasurer@acs-schb.org), or Program Chair Joseph Sabol (program@acs-schb.org). ■

SHARE YOUR ACHIEVEMENTS

Notify Newsletter Editor Rajeev Chorghade at newsletter@acs-schb.org for recognition of your accomplishments in an upcoming issue. It is never too late to get involved or be featured in the SCHB newsletter!

The Chemical Angel Network (CAN)

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SCHB AND SOCIAL MEDIA

Stay up-to-date and network by interacting with SCHB via www.acs-schb.org, and [LinkedIn](#), [Facebook](#), and [Twitter](#) pages.



SCHB has over 1,700 likes on Facebook! If you have SCHB-related news you would like to share, contact PR Chair Jennifer MacLachlan at pr@acs-schb.org with your request.



SMALL CHEMICAL BUSINESSES AND CORPORATE ASSOCIATES

Neal Langerman

With more than 161,000 members, the American Chemical Society (ACS) is the world's largest scientific society and one of the world's leading sources of authoritative scientific information; more than half of its members are employed by chemical companies and allied industries. The ACS Board of Directors created the Committee on Corporation Associates ("CA") in 1952, as the formal link between the Society and the chemical enterprise. More than 30 companies actively support the profession and science of chemistry, and have a direct voice for corporate discussion with the ACS, through participation in CA.

Companies of all sizes can benefit from membership in CA. For the employers of members of SCHB, association with CA will provide many valuable business opportunities. Among these are:

- Opportunities to identify focus areas and speakers for briefings on Capitol Hill on topics of interest to legislators and industry
- The ability to participate in the writing and review process for ACS Policy Statements,

which are used by legislators and congressional staffers to help enable informed discussion of chemistry-related topics

- Privileged access to market information, technical trends, manufacturing patterns, and market opportunities
- Specialty presentations featuring key leaders from industry, academe, and government on the timely issues of the day
- Exclusive contacts with the leaders in research and product innovation
- Provide guidance for the ACS Entrepreneurial Resources Center [<http://www.acs.org/content/acs/en/careers/career-services/resourcecenter.html>]
- Networking opportunities with peers from senior-level research and development laboratories
- Programs to enhance and support diversity awareness within the chemistry enterprise and its workforce
- Forums to better prepare undergraduate and graduate students to work in industry
- Access to a variety of leadership skill building programs

CA is structured to foster input by member companies of all sizes. Annual dues are only \$500 to join plus \$2 per chemist. The Committee meets twice annually (during ACS National Meetings), with members able

to participate by teleconference, if desired. In addition, there are several subcommittees focused on high-priority topics identified through member company input; subcommittee discussions are generally held by teleconference, and are open to all CA representatives in order to maximize participation by, and comment from, interested member companies.

My company, Advanced Chemical Safety, has been a member of CA for about 10 years. During that period, we have gained contacts in the chemical industry, learned valuable lessons related to process safety management, and participated in a variety of public policy outreach efforts related to the chemical enterprise. The small annual dues and time commitment has had a rich return on the investment.

As a member of SCHB and CA, I invite you to consider joining CA and including CA activity on your agenda for each ACS National Meeting. More information is available at

<http://www.acs.org/content/acs/en/about/governance/committees/associates.html>

For additional details on membership, please contact ACS Staff Liaison Susan Ainsworth (s_ainsworth@acs.org).

**SOCIETY OF CHEMICAL
MANUFACTURERS AND
AFFILIATES (SOCMA)
OPPORTUNITY**



SOCMA's Marketplace and Chemical Services Directory (CSD) is a searchable database which contains over 200 companies that use specialty and fine chemicals or custom chemical services. In addition to providing another venue for networking, it also includes shared resources for subscribers.

After realizing the potential for SCHB members to benefit from

the available services provided by SOCMA discussions were held with the Executive Committee. SCHB is now pleased to announce the following opportunity exclusively for SCHB members offered by SOCMA:

• **Discounted subscription profile** on its online Marketplace and Chemical Services Directory located at www.soc-

machemicaldirectory.com for \$500 upfront for the first year and assistance in creating a CSD profile.

Renewal requests must be made by contacting SOCMA, but a 30-day notice will precede a price change before the completion of the one-year subscription cycle.

To learn more, visit the website at www.socmachemicaldirectory.com/ or contact Ben Jones at bjones@centurygloballlc.com.

SAN FRANCISCO STARTER

**SCHB at ACS 253rd
National Meeting**

San Francisco, CA, April 2-6, 2017
Joe Sabol

The theme of the San Francisco meeting is *Advanced Materials, Technologies, Systems and Processes*.

SCHB Symposia:

- *Entrepreneurship in Advanced Materials, Technologies, Systems and Processes*, Patrick Kearney and Barry A. Bunin
- *Chemists and Writing for Fun and Profit: Write Your Own Career*, Lisa Balbes
- *International Drug Discovery and Development Collaborations*, Mukund Chorghade
- *Nobel Prize Winning Discoveries that Revolutionized Advanced Materials, Technologies, Systems and Processes*, Mukund Chorghade
- *Food and Beverage Industry*, Joe Sabol
- *Entrepreneurs' Poster Session and Sci-Mix*, George Ruger

The call for papers will appear in C&EN and abstract submission will open on September 5, 2016. Abstract submission will close on October 31, 2016, and the program will be set on December 12, 2016.

Additional symposia may be created at any time up to abstract closing, but only the above symposia will appear in C&EN. If you have any questions or want to suggest speakers or other symposia, please contact program@acs-schb.org.

FUTURE NATIONAL MEETINGS

254th ACS Meeting

Washington, DC
August 20-24, 2017
Chemistry's Impact on the Global Economy

255th ACS Meeting

New Orleans, LA
March 18-22, 2018
The Food, Energy, Water Nexus

256th ACS Meeting

Boston, MA
August 19-23, 2018

257th ACS Meeting

Orlando, FL
March 31-April 4, 2019

PARTNER WITH SCHB

Contact

Anis Rahman at
chair@acs-schb.org to partner on entrepreneurial local section events and/or to collaborate with us on symposia at National/Regional Meetings.