

**BEANTOWN**

A statue of George Washington located at the entry of the Boston Public Garden; the statue is an iconic symbol of the city.

# 250TH ACS NATIONAL MEETING

**BOSTON**, Aug. 16–20

**“INNOVATION FROM DISCOVERY TO APPLICATION”** will be the theme in Boston this August. A plenary session on that topic will be held on Sunday, Aug. 16, from 3 to 5 PM and will feature Paula Hammond from Massachusetts Institute of Technology, Peter Schultz from Scripps Research Institute California, and Karen Wooley from Texas A&M University. Many notable symposia are scheduled, including “Small

Splash, Big Waves: Research at Primarily Undergraduate Institutions” and “Innovation in Materials for Emerging Uses.”

ACS President Diane Grob Schmidt will host 29 technical divisions and nine committees in original programming over 836 half-day oral sessions and 134 poster sessions, including Sci-Mix. More than 9,200 papers and nearly 3,000 posters will be presented at the meeting.

In concert with the meeting theme, Schmidt will sponsor several presidential events. On Sunday, Aug. 16, “National Science Foundation’s Centers for Chemical Innovation” highlights the research at that

institution and features the heads of all eight Centers for Chemical Innovation. On Tuesday, Aug. 18, during “Transforming University-Industry Partnerships for an Innovative Future,” speakers from both academia and industry will highlight the role better university-corporate partnerships can play in driving more innovation. Details on these and other presidential events can be found at [www.acs.org/boston2015](http://www.acs.org/boston2015).

Many education-focused programs for high school teachers, undergraduate and graduate students, postdocs, and chemical professionals will be offered. A range of professional development courses will be available; ACS Professional Education Short Courses have a separate registration and fee. For job seekers and employers, the career fair will provide opportunities for on-site interviews, one-on-one career assistance, and career-related workshops.

The exposition will feature more than 250 companies showcasing services, instruments, books, and lab equipment in more than 400 booths.—CRAIG BETTENHAUSEN

REGISTRATION CATEGORY	FEE
<b>MEMBERS</b>	
ACS member or society affiliate	\$470
Postdoctoral member	470
Emeritus or retired member	235
50-year member	No fee
Unemployed member (Dues waiver required)	No fee
Precollege teacher	100
Graduate student	195
Undergraduate	100
One-day registrant	235
<b>NONMEMBERS</b>	
Chemical scientist	\$825
Postdoctoral scientist	825
Visitor: Nonchemical scientist or chemical technician	470
Precollege teacher	100
Graduate student	390
Undergraduate	195
One-day registrant	470
Guest of registrant <sup>a</sup>	40
<b>EXPOSITION-ONLY VISITORS</b>	
Adult, exposition only	\$50
Student, exposition only	25

<sup>a</sup> Registration is restricted to a spouse or family member of registered attendee having no affiliation with the field of chemical science and who is not eligible to become an ACS member. Only one guest registration is allowed per registering attendee, and the guest registration must be completed and paid by the registering attendee at time of original registration.

**MEETING INFO ON THE WEB**  
[www.acs.org/boston2015](http://www.acs.org/boston2015)

## REGISTRATION

**Early Registration.** International registrants and early registrants who do not receive their badge credentials before the meeting must pick them up at ACS Attendee Registration in the Boston Convention & Exhibition Center (BCEC). Attendees who registered with U.S. addresses who registered by July 13 will receive their badge credentials by mail before the meeting. International registrants must pick up their badge credentials at ACS Attendee Registration.

**Standard & On-Site Registration.** Standard registration rates are in effect until Aug. 20. Register online at [www.acs.org/boston2015](http://www.acs.org/boston2015). A valid ACS membership number must be entered during registration to register as a member and receive your member discount on registration fees. Please bring your e-mail confirmation for faster processing.

In Boston, attendees can pick up their badge credentials or complete a new registration using credit card, cash, check, or money order at ACS Attendee Registration on Saturday, 3 to 6 PM; Sunday, 7:30 AM to 7:30 PM; Monday, 7:30 AM to 9 PM; Tuesday, 7:30 AM to 5 PM; Wednesday, 7:30 AM to 4 PM; and Thursday, 7:30 AM to 1 PM.

## TRAVEL

**TRANSPORTATION DISCOUNTS.** ACS has negotiated special travel discounts with the following partners. To get the best rates and avoid service fees, it is recommended to make reservations online (except Amtrak).

### AIRLINES:

#### Delta

[delta.com](http://delta.com); (800) 328-1111 (please note that ticketing charges will apply for bookings by phone)  
Discount Codes: NMK2Y,  
NMJTX (international)

#### United

[united.com](http://united.com); (800) 426-1122  
Offer Code: ZT6E969361

#### Southwest

[swabiz.com](http://swabiz.com)  
Corporate ID: 99329790  
Online Reservations Only

### Amtrak

[amtrak.com](http://amtrak.com); (800) 872-7245  
Discount code: X03V-918 (for phone reservations only)

### RENTAL CARS:

#### Advantage Rent A Car

[advantage.com](http://advantage.com); (800) 777-5500  
Discount Code: CD02C826E8

#### Avis

[avis.com](http://avis.com); (800) 331-1600  
Avis Worldwide Discount (AWD): B923099

#### Hertz

[hertz.com](http://hertz.com); (800) 654-2240  
Discount code: CV#02UZ0014

**Supershuttle.** ACS has established a 10% discount for attendees of our meeting. Take advantage of this savings by going to [www.supershuttle.com](http://www.supershuttle.com) or [www.execucar.com](http://www.execucar.com) and entering the discount code 94D3G in the "Group/Discount Code" box on the first page of the website.

### GO GREEN FROM BOS

The BCEC is close to major transportation systems and features the fastest airport-to-convention center times in the country.

**Round-trip shuttle from Back Bay to Logan Airport.** Shuttle service runs every 20 minutes and picks up passengers from Logan International Airport. The cost is \$5.00 one-way, credit or debit card only (free with valid MBTA pass). See more at <http://goo.gl/cJy1Ht>.

## ACS BADGE REPRINT POLICY

**1st Badge Reprint:** No charge; upon proper identification and confirmation of registration payment, a duplicate badge is issued.

**2nd Badge Reprint:** Attendee completes a duplicate badge request, shows identification, a charge of \$25 is paid (cash/credit card), a duplicate badge is issued.

**3rd Badge Reprint:** Attendee completes a duplicate badge request, shows identification, a charge of \$50 is paid (cash/credit card), a duplicate badge is issued.

**Beyond 3rd Badge Reprint:** Attendee completes a duplicate badge request, shows identification, a charge of \$100 is paid (cash/credit card), a duplicate badge is issued.

## FOR UP-TO-DATE EVENT LISTINGS, VISIT

[www.acs.org/boston2015](http://www.acs.org/boston2015)

**Public Transit.** Boston's public transportation system is operated by the Massachusetts Bay Transportation Authority, but locals know it simply as the "T." To ride the T, you need to purchase a CharlieCard or CharlieTicket. These can be purchased at every subway station at vending machines and at select convenience stores. The basic fare is \$2.65. The Day/Week LinkPass gives visitors unlimited travel on the subway, local bus, Inner Harbor Ferry, and Commuter Rail Zone 1A for one day (\$12) or seven days (\$19). The BCEC is located at the World Trade Center stop on the Red subway and Silver bus lines. For more information, visit [mbta.com](http://mbta.com).

## EVENTS & ACTIVITIES

**A VARIETY** of organizers will host special events during the meeting. Event participation is open to all interested registrants.

Some events require a ticket or registration to participate. The following events are coded to indicate what is required to participate: **(R)** registration, and payment when applicable, required; **SE-##** ticket required. **All nonticketed events require a visible registration badge for entry.**

Tickets are sold on a first-come, first-served basis. Ticket sales will close at 6 PM the evening prior to the event. Some event organizers may offer a limited number of tickets for sale at the door of the events. Cancellations or refund requests are not accepted after July 14.

*Locations and times are subject to change. To learn more about these events and to buy tickets or register, visit [www.acs.org/boston2015](http://www.acs.org/boston2015).*

### FRIDAY, AUG. 14

**CHAS Workshop: Lab Safety Workshop**  
8 AM to 5 PM, BCEC, Room 157A

**CHAS Workshop: Laboratory Waste Management**  
8 AM to 5 PM, BCEC, Room 157B

## SATURDAY, AUG. 15

**CHAS Workshop: Hazard Analysis**  
8 AM to 5 PM, BCEC, Room 157A

**CHAS Workshop: Reactive Chemical Management**  
8 AM to 5 PM, BCEC, Room 157B

**CHAS Workshop: How To Be a More Effective Chemical Hygiene Officer**  
8 AM to 5 PM, BCEC, Room 157C

**COAch Workshop: COAch-the-COACh Training**  
8:30 AM to 5 PM, Renaissance Boston Waterfront, Pacific Ballroom F & G

**COAch Workshop: COAChing Powerful Postdocs: Career Launch & Acceleration**  
8:30 AM to 5 PM, Renaissance Boston Waterfront, Pacific Ballroom F & G

**COAch Workshop: Basics of Entrepreneurship & Commercialization of Research**  
8:30 AM to 5 PM, Renaissance Boston Waterfront, Mediterranean Room

**COAch Reception**  
5 to 7 PM, Renaissance Boston Waterfront, Caspian Room

## SUNDAY, AUG. 16

**Undergraduate Hospitality Center**  
8 AM to 5 PM, BCEC, Room 205A

**ACS Career Fair Workshop: Career Pathways II**  
8 AM to 6 PM, BCEC, Room 105

**ACS Career Fair Workshop: Career Pathways III**  
8 AM to 6 PM, BCEC, Room 106

**Careers in Chemical Information & Cheminformatics: Panel Discussion & Brunch**  
9 to 11 AM, BCEC, Room 52AB

**ACS Career Fair**  
9 AM to 5 PM, BCEC, Hall B2

**ACS Career Fair Workshop Room**  
9 AM to 6 PM, BCEC, Room 103

### DIGITAL MEETING PROGRAM AVAILABLE AT

<http://cenm.ag/fall15fp>

**ACS Career Fair Workshop: Career Pathways I**  
9 AM to 6 PM, BCEC, Room 104C

**Graduate School Reality Check, Part 1: Getting in!**  
11 AM to 12:15 PM, BCEC, Room 50

**ACS Board Luncheon & Meeting**  
11:45 AM to 1 PM, BCEC, Ballroom West

**CHED High School-College Interface Luncheon/SE-05/\$45**  
(Included at no charge with high school teacher registration)  
Noon to 1 PM, BCEC, Room 253C

**Graduate School Reality Check, Part 2: You're in, Now What?**  
12:15 to 1:30 PM, BCEC, Room 50

**SCHB Poster Session**  
1 to 2 PM, Westin Boston Waterfront, Webster Room

**"Mystery of Matter" PBS Preview**  
1:30 to 3 PM, BCEC, Room 52AB

**Networking Social with Graduate School & Research Opportunity Representatives**  
2 to 5 PM, BCEC, East Registration

**International & Domestic Chapter Panel Discussions**  
4 to 5:30 PM, BCEC, Room 151B

**Regional Networking Event: Asia-Pacific**  
4 to 5 PM, Sheraton Boston Hotel, Liberty A

**Director-at-Large Town Hall Meeting**  
4:30 to 5:30 PM, Sheraton Boston Hotel, Grand Ballroom

**ACS Diversity Reception**  
5 to 7 PM, Sheraton Boston Hotel, Independence Room

**University of Illinois, Urbana-Champaign, Department of Chemistry Reception**  
5 to 8 PM, Renaissance Boston Waterfront, Mediterranean Room

**CHED Social Reception**  
5:30 to 7 PM, BCEC, Room 51

**ACS PRF/Research Corp. Reception**  
5:30 to 7:30 PM, Seaport Hotel & World Trade Center, Plaza Ballroom C

**International Welcome Reception/SE-08/no charge**  
5:30 to 7:30 PM, Sheraton Boston Hotel, Back Bay C/D

**COLL Social Hour/Open Business Meeting/Poster Session**  
5:30 to 8 PM, Westin Boston Waterfront, Galleria Room

**BIOL Poster Session**  
5:30 to 8 PM, Seaport Hotel & World Trade Center, Cityview Ballroom

**District I Councilor Caucus**  
6 to 7 PM, Sheraton Boston Hotel, Berkeley A/B

**District II Councilor Caucus**  
6 to 7 PM, Sheraton Boston Hotel, Fairfax A

**District IV Councilor Caucus**  
6 to 7 PM, Sheraton Boston Hotel, Fairfax B

**District V Councilor Caucus**  
6 to 7 PM, Sheraton Boston Hotel, Hampton A/B

**District VI Councilor Caucus**  
6 to 7 PM, Sheraton Boston Hotel, Republic A

**Mid-Atlantic Councilor Caucus**  
6 to 7 PM, Sheraton Boston Hotel, Republic B

**INOR Poster Session**  
6 to 8 PM, BCEC, Hall C

**Expo Attendee Reception**  
6 to 8:30 PM, BCEC, Halls A/B1

**CINF Division Welcoming Reception and Poster Session**  
6:30 to 8:30 PM, Seaport Hotel & World Trade Center, Lighthouse Ballroom 1

Event codes indicate what is required to participate: **(R)** registration, and payment when applicable, required; **SE-##** ticket required; all nonticketed events require a visible registration badge for entry. View an updated listing of events and activities at [www.acs.org/boston2015](http://www.acs.org/boston2015).



## CHED Poster Session

7 to 9 PM, BCEC, Hall C

## MEDI Poster Session

7 to 9 PM, Westin Boston Waterfront, Galleria

## ORGN Poster Session

8 to 10 PM, BCEC, Hall C

## MONDAY, AUG. 17

### WCC Women in Chemical Enterprise Breakfast/**SE-09/\$40 (regular)/SE-10/\$20 (student)**

7 to 9 AM, Sheraton Boston Hotel, Commonwealth Room

### Undergraduate Hospitality Center

8 AM to 5 PM, BCEC, Room 205A

### ACS Career Fair Workshop: Career Pathways II

8 AM to 6 PM, BCEC, Room 105

### ACS Career Fair Workshop: Career Pathways III

8 AM to 6 PM, BCEC, Room 106

### ACS Career Fair

9 AM to 5 PM, BCEC, Hall B2

### ACS Career Fair Workshop: Career Pathways I

9 AM to 6 PM, BCEC, Room 104C

### ACS Exposition

9 AM to 5 PM, BCEC, Halls A/B1

### Networking Basics for Students

9:45 to 11:15 AM, BCEC, Room 52A

### Women Chemists of Color Social

10 to 11:30 AM, Sheraton Boston Hotel, Commonwealth Room

### Committee on Minority Affairs Luncheon/**SE-11/\$50**

11:30 AM to 1:30 PM, Sheraton Boston Hotel, Independence West

### AGRO Graduate Student Luncheon

Noon to 1:20 PM, Boston Park Plaza, Boylston Room

### Undergraduate Eminent Scientist Luncheon & Lecture/**SE-12/\$50**

Noon to 1:30 PM, BCEC, Room 205A

## CHED Green Chemistry Commitment Luncheon

Noon to 1:30 PM, BCEC, Room 258A

### CHAL Drug & Power Luncheon/**SE-13/\$40**

Noon to 1:30 PM, BCEC, Room 52B

### Regional Networking Event: Americas & Africa

2 to 3 PM, Renaissance Boston Waterfront, Pacific Ballroom C

### Undergraduate Research Poster Session

2 to 4 PM, BCEC, Hall C

### University of Rochester Alumni Social Hour

3 to 4 PM, Westin Boston Waterfront, Revere Room

### The Kavli Foundation Emerging Leader in Chemistry Lecture

4 to 5 PM, BCEC, Ballroom West

### Student Speed Networking with Chemistry Professionals

4 to 5:30 PM, Westin Boston Waterfront, Grand Ballroom A

### The Fred Kavli Innovations in Chemistry Lecture

5:30 to 6:30 PM, BCEC, Ballroom West

### Chinese-American Chemical Society Dinner Banquet/**SE-15/\$35**

5:30 to 9:30 PM, Hei La Moon Restaurant, 88 Beach St.

### CHAL Reception

6:30 to 8 PM, BCEC, Room 152

### University of Pennsylvania Alumni Reception

6:30 to 8 PM, Bastille Kitchen, 49 Melcher St.

### CATL Poster Session

6:30 to 8 PM, Westin Boston Waterfront, Galleria

### ACS Publications Editor/Author/Reviewer Reception in Honor of Kavli Lecture Series Speaker

6:30 to 7:30 PM, BCEC, Ballroom Foyer

### ACS Graduate & Postdoctoral Scholars Reception

7 to 8:30 PM, BCEC, Room 52AB

## Purdue University Department of Chemistry Alumni Reception/**SE-16/\$10**

7 to 8:30 PM, Renaissance Boston Waterfront, Mediterranean Room

### Sci-Mix Interdivisional Poster Session & Mixer

(Drink ticket included with registration)  
8 to 10 PM, BCEC, Hall C

## TUESDAY, AUG. 18

### University of Minnesota Alumni & Friends Breakfast/**SE-19/\$5.00**

7:30 to 9 AM, BCEC, Room 103

### Senior Chemists Committee Breakfast/**SE-18/\$20**

7:30 to 9:30 AM, Sheraton Boston Hotel, Republic A/B

### ACS Career Fair Workshop: Career Pathways II

8 AM to 6 PM, BCEC, Room 105

### ACS Career Fair Workshop: Career Pathways III

8 AM to 6 PM, BCEC, Room 106

### ACS Career Fair

9 AM to 5 PM, BCEC, Hall B2

### ACS Exposition

9 AM to 5 PM, BCEC, Halls A/B1

### ACS Career Fair Workshop: Career Pathways I

9 AM to 6 PM, BCEC, Room 104C

### Elsevier—How to Successfully Publish Scientific Articles

9:30 AM to noon, BCEC, Room 52AB

### WCC/Eli Lilly Poster Session

11 AM to noon, Sheraton Boston Hotel, Republic A/B

### Alpha Chi Sigma Luncheon/**\$20**

(RSVP to gpa@alphachisigma.org)  
11:30 AM to 1:30 PM, Atlantic Beer Garden, 146 Northern Ave.

### I&EC Graduate Symposia Luncheon/**SE-20/\$40**

11:45 AM to 12:45 PM, Renaissance Boston Waterfront, Mediterranean Room

**CINF Luncheon/SE-21/\$20 (member regular)/SE-22/\$15 (member student)/SE-23/\$25 (nonmember)**

Noon to 1:30 PM, BCEC, Room 52A

**COLL Luncheon/SE-24/\$40**

Noon to 1:30 PM, Westin Boston Waterfront, Stone Room

**WCC Lunch/SE-25/\$50 (regular)/SE-26/\$25 (student)**

Noon to 1:30 PM, Sheraton Boston Hotel, Republic A/B

**Meet the Federal Grant Funders & Speed Coaching with Program Officers**

1 to 5 PM, BCEC, Room 102AB

**ENFL Poster Session**

2 to 4 PM, BCEC, Hall A/B1

**AGFD Poster Session**

3 to 5 PM, BCEC, Halls A/B1

**WCC "Just Cocktails" Open Meeting**

4 to 5 PM, Westin Boston Waterfront, Stone Room

**Division Councilors & Officers Caucus**

4 to 5:30 PM, BCEC, Room 107A

**Committee on Science Networking Session & Panel**

4 to 6:30 PM, Sheraton Boston Hotel, Liberty A/B

**I&EC Poster Session**

5 to 6:30 PM, BCEC, Hall C

**Henry Hill's 100th Anniversary Reception & Award Program**

5 to 7 PM, Seaport Hotel & World Trade Center, Plaza Ballroom A/B

**University of New Hampshire Chemistry Reception**

5 to 7:30 PM, Westin Boston Waterfront, Revere Room

**AGRO Blues-N-Brew**

5:15 to 7 PM, Boston Park Plaza, Boylston Room

**Division Councilors & Officers Caucus Reception**

5:30 to 6:30 PM, BCEC, Room 103

**Joint POLY/PMSE Poster Session**

5:30 to 7:30 PM, BCEC, Ballroom West

**MEDI Hall of Fame Ceremony**

5:30 to 7:30 PM, BCEC, Room 52AB

**Boston University Department of Chemistry Alumni Reception**

5:30 to 7:30 PM, Seaport Hotel & World Trade Center, Cityview 2

**Geochemistry Division Reception**

5:30 to 7:30 PM, Seaport Hotel & World Trade Center, Flagship Room A

**BIOL Poster Session**

5:30 to 7:30 PM, Westin Boston Waterfront, Galleria

**Regional Networking Event: Europe & the Middle East**

6 to 7 PM, Renaissance Boston Waterfront, Pacific Ballroom C

**ENVR Social & Reception/SE-28/\$20**

6 to 7:30 PM, Back Bay Harry's, 142 Berkeley St.

**NUCL Social Hour**

6 to 8 PM, Seaport Hotel & World Trade Center, Cityview 1

**Presidential LGBT Reception**

6 to 8 PM, Seaport Hotel & World Trade Center, Plaza Ballroom C

**COMP Poster Session**

6 to 8 PM, Westin Boston Waterfront, Galleria

**INOR Poster Session**

6 to 8 PM, BCEC, Hall C

**CARB Poster Session**

6 to 8 PM, BCEC, Hall C

**ANYL Dinner/SE-29/\$40 (regular)/SE-30/\$20 (student)**

6 to 9 PM, Joe's American-Waterfront, 100 Atlantic Ave.

**Herman Skolnik Award Reception Honoring Jürgen Bajorath**

6:30 to 8:30 PM, BCEC, Room 254A

**ENFL Dinner/SE-31/\$65**

6:30 to 9:30 PM, Morton's the Steakhouse, 2 Seaport Ln.

**TOXI General Poster Session**

6:30 to 10:30 PM, Westin Boston Waterfront, Grand Ballroom A/B

**ANYL Poster Session**

7 to 9 PM, BCEC, Hall C

**ChemLuminary Poster Session**

7:30 to 9 PM, Westin Copley Place

**ENVR Dinner/SE-32/\$60**

8 to 10 PM, Back Bay Harry's, 142 Berkeley St.

**ORGN Poster Session**

8 to 10 PM, BCEC, Hall C

**ChemLuminary Awards**

9 PM to 12 AM, Westin Copley Place

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## WEDNESDAY, AUG. 19

**ACS Career Fair Workshop: Career Pathways II**

8 AM to 6 PM, BCEC, Room 105

**ACS Career Fair Workshop: Career Pathways III**

8 AM to 6 PM, BCEC, Room 106

**ACS Career Fair Workshop: Career Pathways I**

9 AM to 6 PM, BCEC, Room 104C

**How To Get Your Journal Article or Book Published with Elsevier**

12:30 to 3 PM, BCEC, Room 102A

**Wikipedia Edit-a-Thon**

1:30 to 5:30 PM, BCEC, Room 102B

**PHYS Poster Session**

6 to 8 PM, BCEC, Hall C

**ENVR Poster Session**

6 to 8 PM, BCEC, Hall C

**INOR Poster Session**

6 to 8 PM, BCEC, Hall C

**AGRO Awards**

6 to 8 PM, Boston Park Plaza, Boylston Room

**Joint MEDI & ORGN Poster Session**

7 to 10 PM, BCEC, Ballroom

## EXPOSITION

### SEE WHAT'S NEW INSIDE THE EXPOSITION.

Visit the ACS National Exposition at the Boston Convention & Exhibition Center (BCEC), Halls A, B1 & F, from Sunday, Aug. 16, through Tuesday, Aug. 18. The show hours will be Sunday, 6 to 8:30 PM, and Monday and Tuesday, 9 AM to 5 PM.

Companies will showcase services, instruments, books, computer hardware, scientific software, and an array of chromatographic, lab, and safety equipment. Technical personnel will give demonstrations, answer questions, and discuss your needs and interests. You can also visit the ACS Career Fair Recruiters Row inside the exposition, where employers will showcase their products and services. Also, join us at the ACS Booth (#625) in the middle of the exposition floor, where ACS staff members will present the many benefits, services, products, and merchandise offered by ACS.

**Online Exposition.** The Online Exposition

is a component within the Exhibitor Directory that enables attendees to view videos, press releases, brochures, and flyers of participating exhibitors. Access the Online Exposition at [www.acs.org/boston2015](http://www.acs.org/boston2015) to learn more about exhibiting companies and to download product information that meets your needs.

**Free Exhibitor Workshops.** Free workshops will be hosted by exhibitors on the exposition floor and in private rooms inside the BCEC. These workshops will introduce new products and services, build skills with specific tools and techniques, and highlight innovative applications that may improve your productivity. Preregister at [www.acs.org/boston2015](http://www.acs.org/boston2015) to reserve your seat.

**Presentations, Prizes & Special Events.** Visit the Daily Prize Raffle area (#255) from Sunday through Tuesday for a chance to win a prize. Also, don't forget to join us on Sunday from 6 to 8:30 PM for the Welcome Celebration. Meet the president-elect candidates inside

the exposition on Monday, from 1 to 4 PM.

Visit the Town Center from Sunday through Tuesday to connect with your colleagues. On Tuesday, stop by the Town Center for the Division of Energy & Fuels (ENFL) poster session from 2 to 4 PM.

**Internet & Technology.** Use free Internet access, and leave messages for one another at the Meeting Mail terminals located throughout the exposition and BCEC. Also, enjoy free Wi-Fi service at the BCEC.

**Admission Requirements & Expo-Only Registration.** Exposition admission is complimentary for all national meeting registrants; however, you are required to wear your badge. Individuals who want to visit the exhibits without registering for the technical component of the national meeting can obtain an expo-only badge for \$50. Students with school identification can obtain an expo-only badge for \$25. Registration can be handled online or in person at ACS Attendee Registration in the BCEC North Lobby.

## EXHIBITOR WORKSHOPS

**EXHIBITING COMPANIES** will host free education sessions for attendees that will introduce new products and services, build skills with specific tools and techniques, and highlight innovative applications for existing instrumentation. Visit [www.acs.org/boston2015](http://www.acs.org/boston2015) to register for workshops.

### MONDAY, AUG. 17

#### Cybersecurity Trends: How To Protect Yourself and Your Small Business.

**Sponsor:** ACS Member Insurance Program, 9:30 AM to noon, Boston Convention & Exhibition Center (BCEC), Exhibit Halls A & B1, Exhibitor Workshop Room 1. Cyber-crime cost Americans \$800 billion last year. This workshop will identify practical approaches to improving cybersecurity for individuals and small businesses. An information technology expert who reviews small businesses' security systems will provide background on what drives cyber thieves

and how to protect your business against them. A speaker from the Cyber Division of the FBI will outline their priorities and identify resources to help protect against cyber threats. Attendees will also learn about insurance plans available to reduce business liability and protect individuals against ID theft.

**Speakers:** Jeffrey M. Williams, special agent, FBI Boston division; John Poff, director of security and chief technology officer, Pearl Technology; Dave Wasson, professional and cyber liability practice leader, Hays Cos. **Moderator:** Joseph E. Sabol, program chair, ACS Division of Small Chemical Businesses.

**Wiley Introduction to Publishing for Early-Career Researchers.** **Sponsor:** Wiley, 9:45 AM to noon, BCEC, Room 101. A one-hour workshop session with Q&A covering how to publish with Wiley. Attend the workshop and learn how to critically assess and select a suitable journal for article publication, refine your paper to increase your chances of success, submit a manuscript and survive peer review,

and apply practical techniques to increase the visibility of your article after it has been published. Workshop one starts at 9:45 AM. Due to popular demand, an additional workshop will run at 11 AM.

**Designing a Distance Learning Lab Curriculum for Chemistry.** **Sponsor:** Carolina Biological Supply Co., 9:30 AM to noon, BCEC, Exhibit Halls A & B1, Exhibitor Workshop Room 2. Help your online students learn the same critical science process skills as your classroom students. Carolina Science has transformed the hands-on labs you have used for years into distance learning labs that are reliable, safe, and affordable. Experience for yourself during this hands-on workshop how your students will easily learn the necessary lab skills and reinforce key concepts using Carolina Science Distance Learning kits. Begin to design your online lab course by reviewing more than 25 different chemistry investigations. Suitable for Gen Chem and GOB Chem courses.

**Pinpoint Local Chemistry & Function—New AFM Capabilities for**

### **Photovoltaics, Batteries, Fuel Cells.**

**Sponsor:** Bruker, 12:30 to 3 PM, BCEC, Exhibit Hall A & B1, Exhibitor Workshop Room 2. In this workshop we will discuss new techniques in nanochemical characterization with atomic force microscopy related to photovoltaics, batteries, and fuel cells.

### **From Discovery to Practical Applications—Solving Real-World Challenges in Spectroscopy.**

**Sponsor:** Thermo Scientific, 12:30 to 3 PM, BCEC, Room 101. This workshop will cover teaching and research applications of FTIR, Raman, and NMR spectroscopy. Join us for a hands-on opportunity to experience the latest in new instrumentation, software, and sample-handling techniques as we guide you through the latest trends in vibrational spectroscopy for more confident analyses.

### **SciFinder Skill Builder: Reference**

**Searching.** **Sponsor:** CAS, 1:30 to 2:30 PM, BCEC, Exhibit Halls A & B1, Exhibitor Workshop Room 1. SciFinder training for new and experienced users.

### **Graphing & Analysis Using Origin 2015.**

**Sponsor:** OriginLab Corp., 3:30 to 6 PM, BCEC, Room 101. This workshop will focus on graphing and data analysis in our latest version, Origin 2015. The first half of the workshop will cover creating and customizing two-dimensional, 3-D, and specialized graph types; exporting and publishing graphs; saving templates and themes for repeat use; and batch plotting. The second half will cover data analysis including curve fitting, peak analysis, statistics, and batch analysis. A brief introduction to programming in Origin will also be covered.

## **TUESDAY, AUG. 18**

**CDD Vision Workshop.** **Sponsor:** Collaborative Drug Discovery, 9:30 AM to noon, BCEC, Exhibit Halls A & B1, Exhibitor Workshop Room 1. CDD Vault is a multi-domain information management system enabling users to organize chemical and biological data through a Web interface. CDD Vision expands the CDD Vault platform by providing dynamic data visualization, custom calculations, and predictive activity modeling. During this workshop,

the benefits of this interactive, dynamic visualization will be presented with case studies in a multisite collaboration scenario.

**What's New from Waters.** **Sponsor:** Waters, 9:30 AM to noon, BCEC, Exhibit Halls A & B1, Exhibitor Workshop Room 2.

### **9:45 to 10:25 AM GPS for Glycan Analysis, Disruptive LC-MS Technologies & Workflows for Glycan & Glycoprotein Analysis**

Learn about the advancing technologies and workflows for glycan sample preparation, separations, and analysis by mass spectrometry. During this session you will learn about two new technologies that will greatly enhance the ability of researchers to profile and characterize glycoproteins.

### **10:30 to 11:10 AM Simplified Sample Preparation**

Learn about a simplified sample preparation technique for small molecules from complex sample matrices. The technique yields a cleaner sample with reduced matrix effects as well as saving labor and solvent by using fewer sample-processing steps.

### **11:15 to 11:55 AM Advances in LC Technology: Waters Introduces the Newest Addition to Its LC Portfolio**

Learn how to preserve method equivalency for established LC methods while improving productivity and gain greater understanding of the impact of system dispersion on separation performance.

### **FTIR, Atomic Spectroscopy, HPLC, GC**

**& Mass Spectrometry.** **Sponsor:** Agilent Technologies, 9:30 AM to 6 PM, BCEC, Room 101. Agilent will host a full-day workshop focusing on FTIR, atomic spectroscopy, HPLC, GC, and mass spectrometry topics. We will also host sessions on sample preparation, analytical method choices including HPLC columns, and optimization of your analytical process. During these interactive workshops, Agilent scientists will discuss how new technology and applications are advancing these analytical techniques. Both hardware and software advancements will be discussed with the overall goal to help users achieve the highest instrument performance across a broad range of applications.

### **The State-of-the-Art in Infrared and**

**Raman Analysis.** **Sponsor:** Bruker, 12:30 to 3 PM, BCEC, Room 258B. The latest advances in FTIR and Raman instrumentation and applications will be reviewed in this seminar with a thorough discussion of authentication of art objects, fluorescence-free rapid portable Raman analysis, simultaneous mid- and far-IR analysis, reverse engineering using vibrational microscopy, and chemical imaging and depth profiling.

Examples of applications will include the authentication of a newly discovered Leonardo Da Vinci, Raman analysis of previously challenging samples with fluorescence interference, and the identification of layers in multilayer polymer films. The seminar will include a live demonstration of Bruker's new handheld Raman system and the novel Lumos FTIR microscope. Attendees are encouraged to bring samples for analysis.

### **SciFinder Skill Builder: Substance**

**Searching.** **Sponsor:** CAS, 10 to 11 AM, BCEC, Room 258B. SciFinder training for new and experienced users.

### **Research in Germany Science Lunch.**

**Sponsor:** Research in Germany, 12:30 to 3 PM, BCEC, Exhibit Halls A & B1, Exhibitor Workshop Room 1. Promoting scientific research in Germany with funding programs and testimonials.

### **New Applications in High-Resolution Accurate Mass (HR/AM) Mass Spectrometry.**

**Sponsor:** Thermo Scientific, 12:30 to 3 PM, BCEC, Exhibit Halls A & B1, Exhibitor Workshop Room 2. For 10 years, Thermo Scientific Orbitrap technology has been transforming mass spectrometry. Now, the first-ever combination of high-resolution gas chromatography (GC) and high-resolution/accurate-mass (HR/AM) Orbitrap technology has been introduced in the new Q-Exactive GC Orbitrap Mass Spectrometer. This system offers the quantitative power of a GC triple-quadrupole MS combined with the high-precision, full-scan HR/AM capabilities available only in combination with Orbitrap technology. The Orbitrap Fusion Lumos Tribrid Mass Spectrometer was also recently introduced, offering expanded performance in advanced proteomics, biopharma, and metabolomics applications, including quantitation using isobaric tags, low-level PTM analysis,



data-independent acquisition (DIA), and top-down proteomics. The new instrument features enhanced sensitivity resulting in improved analyte detection, characterization, and quantitation.

**Flow Chemistry Seminar.** *Sponsor:* ThalesNano Nanotechnology Inc., 3:30 to 6 PM, BCEC, Room 258B. Education seminar on flow chemistry with industrial applications about safe and efficient synthesis and scale-up.

## WEDNESDAY, AUG. 19

**Nanomaterials Analysis by X-ray Scattering Methods.** *Sponsor:* PANalytical, 9:30 AM to noon, BCEC, Room 101. This workshop will focus on the analysis of nanosized (1- to 100-nm) materials using a laboratory diffractometer. A variety of distinct analysis techniques can be applied on the same diffractometer, such as conventional XRD, SAXS, PDF, in situ heating

experiments, and GISAXS, that provide information about pore/particle size, ordering, crystalline size, phase stability, thermal dependence of lattice parameters, and local atomic structure.

**In Silico Modeling in Drug Discovery.** *Sponsor:* Simulations Plus Inc., 12:30 to 3 PM, BCEC, Room 101. This course will describe the new functionality in version 8.0 of ADMET Predictor (substructure searching, duplicate checking, etc.) as well as the science behind the program. We will discuss the new pKa model, constructed in collaboration with Bayer AG, along with the predictive classification confidence measure we recently introduced and the predictive CYP sites and rates of metabolism models. The final section of the course will show how the log P, pKa, solubility and other ADME property predictions can support physiologically based pharmacokinetic (PBPK) simulations in GastroPlus to assist with early exposure predictions and dose selection in animals and humans

and how those predictions can be exported through KNIME or Pipeline Pilot to streamline modeling activities.

### Inhibitor Design Using MOE Structure-Based Drug Design

**Applications.** *Sponsor:* Chemical Computing Group, 3:30 to 6 PM, BCEC, Room 101. This hands-on course covers the application of in silico structure-based drug design (SBDD) tools for the rational design of Tarceva-based EGFR kinase inhibitors. Starting with raw PDB protein-ligand 3-D structures, all the steps required to initiate and advance an SBDD study are covered: preparing PDB structures for modeling, binding pocket visualization, protein-ligand contact analysis, and the use of SAR for in situ modeling to design new compounds. Advanced topics such as pharmacophore query generation, protein-ligand docking, protein alignments for binding-site comparison, and in situ combinatorial synthesis will also be covered.

SHUTTERSTOCK





# EXHIBITORS

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**A ChemTek, Inc.**, 100 Barber Ave., Worcester, MA, United States 014606, 508-856-7100, fax: 508-845-9201, Internet: [www.achemtek.com](http://www.achemtek.com) A ChemTek locates in Worcester MA provides chemicals, analytical, purification products and services to world-wide pharmaceutical researchers in an Easy, Economic, Efficient & Express way. The major products include Amino Acids, Bioactive Reference Compounds, Nature Products, Building Blocks; HPLC/prep-HPLC/flash columns, chromatography systems, TLC, silica gel, syringe filters, vials etc. **341**

**AAAS/Science & Technology Policy Fellowship**, 1200 New York Ave., NW, Washington, DC 20005, 202-326-6700, fax: 202-289-4950, Internet: <http://aaas.org/stpf> The AAAS Science & Technology Policy Fellowships provide scientists and engineers with a unique opportunity to apply their knowledge and skills to national and international issues, while learning first-hand about establishing and implementing policy. Fellows serve yearlong assignments in all three branches of the federal government in Washington, D.C. **1241**

**AAPS (Amer Assoc. of Pharm Sci.)**, 2107 Wilson Blvd., Suite 700, Arlington, VA 22201, 703-243-2800, Internet: [www.aaps.org](http://www.aaps.org) **648**

**Accela ChemBio Co. Ltd.**, 9883 Pacific Heights Blvd., Suite H, San Diego, CA, United States 92121, 858-699-3322, fax: 858-769-6322 or 858-876-1948, e-mail: [info@accelachem.com](mailto:info@accelachem.com), Internet: [www.accelachem.com](http://www.accelachem.com) Founded in 2007, Accela ChemBio is a Quality R&D Chemical Supplier for use in scientific research, industrial development and analysis. Our established business sites are located in San Diego, US and Shanghai, China, respectively. Accela specializes in providing advanced pharmaceutical intermediates, building blocks, synthetic reagents and other specialty chemicals to R&D laboratories in the pharmaceutical, material, chemical and petrochemical industries, as well as academic institutions. In addition to its extensive catalog products, Accela also offers process research, custom manufacturing, and consulting services. With rigorous quality control, unique product lines, and dependability, Accela attracted 1400 global customers. **1105**

**Ace Glass, Inc.**, 1430 N. West Blvd., POBox 688, Vineland, NJ 08360, 800-223-4524, fax: 800-543-6752, e-mail: [sales@aceglass.com](mailto:sales@aceglass.com), Internet: [www.aceglass.com](http://www.aceglass.com) **1400**

**ACS Career Navigator**, 1155 16th Street, NW, Washington, DC 20036, 202-872-6031, e-mail: [k\\_redmond@acs.org](mailto:k_redmond@acs.org), Internet: [www.acs.org/content/acs/en/careers/profdev.html](http://www.acs.org/content/acs/en/careers/profdev.html) The ACS Career Navigator™ is home to career services, leadership development, professional education courses and market intelligence resources. Tools provided help you find a job, discover a new career path, and compare your salary. Courses available help refresh skills or branch into new areas of science and develop leadership abilities. **625**

**ACS Committee on Chemical Safety**, P.O. Box 152329, CA, United States 92195, 619-990-4908, The ACS Committee on Chemical Safety (CCS) and the Division of Chemical Health and Safety (CHAS) provide leadership and technical guidance to all ACS members and the community regarding the safe and proper handling of chemicals. Chemical Safety practices are supported across the entire chemical enterprise from K-12 through college and graduate school into the industrial and academic workplace. **425**

**ACS Division Chemistry and the Law (CHAL)**, Shelterpoint Business Center, 591 Redwood Highway, Mill Valley, CA 94941, 415-389-8900, fax: 415-381-4301, e-mail: [carl@lippenbergerlaw.com](mailto:carl@lippenbergerlaw.com), Internet: [www.acs-chal.org/](http://www.acs-chal.org/) The lawyer is in. As part of his "Enterprise 2015" project, Bill Carroll, past ACS president, challenged the Division of Chemistry and the Law to help ACS members with their legal needs. CHAL responded with a lawyer referral service and a speaker's bureau. For the referral service, CHAL members will answer legal questions from ACS members, refer them to an attorney who can help them, or if appropriate, represent them. For the speaker's bureau, CHAL will provide attorneys to speak to ACS members about topics of mutual interest. To request a referral or a speaker, e-mail Carl Lippenberger at [carl@lippenbergerlaw.com](mailto:carl@lippenbergerlaw.com). **348**

**ACS Division of Small Chemical Businesses (SCHB)**, 4344 Moorpark Ave., Ste # 1, San Jose, CA, United States 95129, 408-834-8597, fax: 408-351-7900, e-mail: [expo-booth@acs-schb.org](mailto:expo-booth@acs-schb.org), Internet: [www.acs-schb.org](http://www.acs-schb.org) The ACS Division of Small Chemical Businesses (SCHB) has objectives "To aid in the formation, development, and growth of small chemical businesses." SCHB helps chemists working in small enterprises, including self-employed, with the legal, social, educational, legislative, regulatory, and economic aspects of their unique professional status. Cannabis chemistry group is here. **1033**

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**ACS Meetings & Expositions**, 1155 Sixteenth Street NW, Washington, DC, United States 20036, 800-227-5558, fax: 202-872-6128, e-mail: [m\\_stevenson@acs.org](mailto:m_stevenson@acs.org), Internet: [www.acs.org/meetings](http://www.acs.org/meetings) The ACS Meetings booth displays information on current and future regional meetings also spring and fall National Meetings. Register for a regional meeting or get information on submitting an abstract to a meeting in your region. The programming is diverse and exciting! Meet the volunteers who are planning these meetings at the booth. Visit the regional meetings website at [www.acs.org/regionalmeetings](http://www.acs.org/regionalmeetings) for a tour of this year's conferences. Information on future national meetings will be on display. **625**

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[memins@acs.org](mailto:memins@acs.org), Internet: [www.acs.org/insurance](http://www.acs.org/insurance) The ACS Member Insurance Program is committed to offering quality comprehensive insurance plans to members and their families. Stop by the ACS booth to learn more about the plans available such as Life and Health Insurance, Auto & Homeowners, Long Term Care, Professional Liability, Pet Insurance and more. **625**

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**Anton Paar USA**, 10215 Timber Ridge Drive, Ashland, VA 23005, 800-722-7556, fax: 804-550-1057, e-mail: info.us@anton-paar.com, Internet: www.anton-paar.com Anton Paar produces high-quality measuring and analysis instruments for laboratory, research and industrial applications. In the fields of density and concentration measurement we are the established world leader. Our product portfolio also includes viscometers, rheometers, polarimeters, refractometers, microwave synthesis, microwave decomposition, and instruments for X-ray structure analysis. **714**

**Ark Pharm, Inc.**, 1840 Industrial Drive, Suite 120, Libertyville, IL, United States 60048, 847-367-3680, fax: 847-367-3681, e-mail: sales@arkpharminc.com, Internet: www.arkpharminc.com Ark Pharm, Inc. specializes in design and synthesis of medicinal building blocks, scaffolds and other advanced intermediates. Ark Pharm has over 30,000 compounds in stock. We do contract research, custom synthesis and bulk intermediates. Please visit our website at www.arkpharminc.com for more information. **1110**

**Asahi Spectra Co., Ltd.**, Gardenia Bldg. 4F, 2-13-1, Kamijijo, Kita-Ku, Tokyo, JAPAN 114-0034, 81-33-909-1151, fax: 81-33-909-1152, Internet: www.asahi-spectra.com Monochromatic illuminator system - Bandpass filter type - Higher light intensity than the grating monochromator. - IR heat blocking - Fiber output - Photocatalyst, water-splitting, hydrogen production, artificial photosynthesis and so on. / Optical filter (UV-IR) / Solar simulator (Not exhibited) **645**

**Aspira Scientific, Inc.**, 521 Cottonwood Drive, Suite 112, Milpitas, CA, United States 95035, 408-571-1100, fax: 408-571-1123, Internet: www.aspirasci.com **1303**

**Astatech, Inc.**, Keystone Business Park, 2525 Pearl Buck Road, Bristol, PA 19007, 215-785-3197, fax: 215-785-2656, e-mail: sales@astatechinc.com, Internet: www.astatechinc.com Headquartered in PA, USA, Astatech is one of the oldest U.S. CRO/CMO for chemistry. With R&D labs and manufacturing facilities in both North America and China and total 300 employees, Astatech provides 60,000 intermediates & building blocks, executed 20,000 Purchase Order (PO) in 2014, from gram to MT. **1205**

**Asylum Research, an Oxford Instruments Company**, 6310 Hollister Avenue, Santa Barbara, CA 93117, 805-696-6466, fax: 805-696-6444,

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**BASF - The Chemical Company**, 100 Park Avenue, Florham Park, NJ 07932, 973-245-5930, fax: 973-245-5833, e-mail: jason.nolan@partner.basf.com, Internet: www.basf.us We are celebrating our 150th anniversary and are working collaboratively to sustainably meet the world's needs for transportation, construction, consumer goods, health and nutrition, electronics, agriculture and energy for the next 150. Visit us at booth 225 to discuss BASF careers. At BASF, we create chemistry for a sustainable future. **517**

**Beantown Chemical Corporation**, 9 Sagamore Park Road, Hudson, NH, United States, 603-402-2231, fax: 603-402-9713, Internet: www.beantownchem.com Beantown Chemical (BTC) manufactures and distributes a line of specialty chemicals, including organics, inorganics and metals. BTC offers over 7,000 products, which are primarily used for research and development in the pharmaceutical industry, chemical industry, government institutions and academia. **1328**

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# EXPOSITION

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**Bio-Rad Laboratories, Informatics Division**, 2000 Market Street, Suite 1460, Philadelphia, PA 19103-3212, 267-322-6931, fax: 267-322-6932, e-mail: informatics.usa@bio-rad.com, Internet: www.knowitall.com Bio-Rad's Informatics Division specializes in spectroscopy databases & software. They will be featuring KnowItAll U, a resource that offers campus-wide access to the world's largest spectral database - over 1.4 million spectra. **210**

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Standard Reference Data  
Calibrations  
SRM  
SRD

**Ocean Optics, Inc.**

**Booth # 842**

Flame  
Spark

**OriginLab Corp.**

**Booth # 538**

Origin  
OriginPro

**Parr Instrument Co.**

**Booth # 1100**

6050 Compensated Calorimeter

**Particle Metrix Inc.**

**Booth # 105**

ZetaView  
NanoFlex  
Stabino

**PerkinElmer Informatics, Inc. ("PerkinElmer")**

**Booth # 211**

Elements  
ChemDraw  
E-Notebook  
ChemBioOffice  
Spotfire

**Pfeiffer Vacuum Inc.**

**Booth # 404**

OmniStar benchtop gas analysis system

**Pharmablock USA, Inc.**

**Booth # 1418**

azetidines  
oxetane  
cyclobutanes  
pyrrolidines

**PolyDesign LLC**

**Booth # 1040**

Miniature DNA synthesis frit, 1 to 5 nmols  
DNA synthesis frit, 10 to 40 nmols  
384-Well DNA synthesis plate, 5 to 40 nmols  
RNA synthesis frits

**Pure Chemistry Scientific Inc.**

**Booth # 1315**

Vitamin D  
Stannanes  
Boronic Acids/Esters  
Trifluoromethanesulfonate salt  
Intermediates

**Quantachrome Corp.**

**Booth # 225**

ChemStar

**Rieke Metals, LLC**

**Booth # 943**

4-Chloro-2-methoxyphenylzinc bromide  
3-(2-Tetrahydro-2H-pyranoxyl)propylzinc  
bromide  
3-Fluoro-5-methoxyphenylmagnesium bromide  
3,4-Dichlorophenethylmagnesium bromide

**Sapala Organics PVT. LTD.**

**Booth # 1002**

Heterocycles  
Nucleosides  
Oxetanes  
Azetidines  
Pinacol boranes

**SCIENCE/AAAS**

**Booth # 511**

Science  
Science Signaling  
Science Translational Medicine

**Semichem**

**Booth # 1014**

Codessa  
AMPAC  
AGUI

**Small Molecules, Inc.**

**Booth # 1229**

Building Blocks  
Research Chemicals  
Lead generation and optimization  
Synthesis of prodrugs and new chemical entities

**Snapdragon Chemistry, Inc.**

**Booth # 1140**

flow chemistry services  
flow chemistry consulting  
continuous manufacturing services  
flow chemistry reactor design

**SNKV Services, Inc.**

**Booth # 1134**

Chemical Information System  
Molecular Structure Database  
Molecular Search Software  
Molecular Indexing and Searching Software

**Sorbent Technologies**

**Booth # 606**

SorbaDex  
SorbaRes

**Specac, Ltd.**

**Booth # 1032**

Atlas AutoTouch Press

**Spectradyne LLC**

**Booth # 448**

nCS1

**SpiroChem AG**

**Booth # 338**

bicyclo[x.y.z]alkane derivatives  
small rings  
spirocycles  
SF5-containing fragments  
CF3-containing fragments

**Struchem Co., LTD**

**Booth # 441**

D-Bicuculline  
methyl 4-amino-3-methoxy-5-nitrobenzoate  
4-AMINO-2-  
HYDROXYBENZENESULFONAMIDE  
2-PROPYL-5-THIAZOLECARBOXYLIC ACID  
1-(4-(trifluoromethyl)phenyl)propan-2-one

**TA Instruments**

**Booth # 1128**

Affinity Nano ITC

**ThalesNano Nanotechnology Inc.**

**Booth # 1124**

H-Cube Mini  
IceCube  
Phoenix Flow Reactor  
Gas Module  
H-Cube Pro

**Thieme Chemistry**

**Booth # 309**

Science of Synthesis 4.1  
Pharmaceutical Substances 3.8  
Biocatalysis in Organic Synthesis  
Synform  
Efficiently studying organic chemistry

**Tokyo Chemical Industry Co., Ltd.**

**Booth # 1204**

Etizolam  
Tiagabine Hydrochloride  
Streptavidin from Streptomyces avidinii  
Seratrodast  
Coumarin 343

**Vigor Gas Purification Technologies**

**Booth # 408**

glove box  
purifier

**ViridisChem, Inc.**

**Booth # 1329**

Green Pocketbook  
Green Analyzer

**Waters Corp.**

**Booth # 749**

ACQUITY Arc  
Oasis PRIME  
ACQUITY QDa Detector  
GlycoWorks Rapifluor-MS

**Wavefunction, Inc.**

**Booth # 911**

Spartan'14 Parallel Suite  
Spartan'14  
Spartan Student Version 6  
Odyssey Version 5  
iSpartan

**Wilmad-LabGlass**

**Booth # 1300**

PTFE Coated Thin Wall Precision NMR Tube  
Sapphire NMR Tube

**Wyatt Technology Corp.**

**Booth # 510**

DAWN  
DynaPro Plate Reader  
DynaPro NanoStar  
Mobius  
Eclipse

**X-Ability Co., Ltd.**

**Booth # 502**

Winmostar

**Yamazen Science, Inc.**

**Booth # 1306**

AKROS  
WPrep  
ELSD  
TLC Reader  
Premium columns

**YMC America, Inc.**

**Booth # 1149a**

Triart C18  
BioPro Ion Exchanges  
K-Prep HPLC Systems  
DAC: Dynamic Axial Compression Columns  
Pro series HPLC Columns

**Zaiput Flow Technologies**

**Booth # 1138**

liquid-liquid separator  
back pressure regulator

# EXPOSITION

## 250th American Chemical Society National Exposition

Meeting - August 16 - 20, 2015

Exposition - August 16 - 18, 2015

Boston Convention & Exhibition Center - Halls A & B1

Boston, MA

