

# Program Overview and Events

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## Wednesday Afternoon and Evening - 26 October 2011

**8:00 a.m. – 12:00 p.m.**

ACS Leadership Development Course - Developing Communication Strategies  
(Registration Required)

**Roanoke**

**1:00- 1:45 p.m.**

Welcome and Plenary Speaker  
Professor Dr. Manfred Psiorz  
Chemistry in the Pharmaceutical Industry

**James River A/B**

### **Technical Sessions**

**1:55 – 5:30 p.m.**

Frontiers in Nucleic Acid Chemistry I (Oral)

**Rappahannock**

**2:00 – 3:30 p.m.**

Analytical Chemistry I (Oral)

**Potomac G**

**2:00 – 5:30 p.m.**

Inorganic Chemistry I (Oral)  
Medicinal Chemistry (Oral)  
Nanomaterials for Energy Applications (Oral)  
Physical Chemistry I (Oral)  
Social Media in Science (Oral)

**Potomac E**  
**Shenandoah H**  
**Shenandoah J**  
**Potomac F**  
**Roanoke**

**2:30 – 6:00 p.m.**

Organic Chemistry I (Oral)  
Polymer Chemistry I (Oral)

**James River B**  
**James River A**

**3:00 – 4:30 p.m.**

Organic Chemistry Poster Session

**James River C/D**

**4:00 – 5:30 p.m.**

Environmental Chemistry (Oral)

**Potomac G**

**4:30 – 6:00 p.m.**

Career Workshop I – “The Mid-Career Chemist”

**York River**

**6:00 – 7:30 p.m.**

SCI MIX Environmental, Nanotechnology, Organic and Polymer Poster Sessions

**James River C/D**

**6:00 – 9:00 p.m.**

**Exposition and Opening Reception** (Ticketed Event)

**James River C/D**

The Virginia Local Section and the Organizing Committee invites you to view selected posters in the SCI MIX poster session and the exhibitors while enjoying heavy hors d'oeuvres at the SERMACS 2011 Opening Reception.

## **Thursday Morning - 27 October 2011**

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<b>8:00 a.m. – 12:20 p.m.</b> ACS Career Workshops II, III, and IV – (Ticketed Event) <ul style="list-style-type: none"><li>• 8:00 – 9:20 a.m. Planning a Job Search</li><li>• 9:30 – 10:50 a.m. Preparing a Résumé</li><li>• 11:00 a.m. – 12:20 p.m. Effective Interviewing</li></ul>	<b>Roanoke</b>
<b>8:00 a.m. – 5:00 p.m.</b> Career Fair desk	<b>Suite 321</b>
<b>9:00 a.m. – 4:00 p.m.</b> <b>Exhibition</b>	<b>James River C/D</b>
<b>Technical Sessions</b>	
<b>8:00 – 9:30 a.m.</b> Nanotechnology and Physical Chemistry Poster Session	<b>James River C/D</b>
<b>8:15 – 11:30 a.m.</b> Conversion of Biomass to Biomaterials and Bioenergy I (Oral)	<b>Shenandoah J</b>
<b>8:30 – 12:00 p.m.</b> Analytical Chemistry II (Oral) Frontiers in Nucleic Acid Chemistry II (Oral) Nanotechnology I (Oral) Organic Chemistry II (Oral) Polymer Chemistry II (Oral)	<b>Potomac G</b> <b>Shenandoah H</b> <b>Potomac E</b> <b>James River B</b> <b>James River A</b>
<b>9:00 – 12:00 p.m.</b> Bioanalytical Electrochemistry (Oral) Modeling and Simulation (Oral) Scaffolds for Tissue Engineering (Oral)	<b>Potomac F</b> <b>Rappahannock</b> <b>York River</b>
<b>9:45 – 10:30 a.m.</b> <b>Break</b>	<b>James River C/D</b>
<b>10:00 – 11:30 a.m.</b> Medicinal Chemistry Poster Session	<b>James River C/D</b>

Lunch is on your own; enjoy the many restaurants and local vendors just outside the hotel.

## **Thursday Afternoon and Evening - 27 October 2011**

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**9:00 a.m. – 4:00 p.m.                      Exhibition    James River C/D**

**1:00 – 2:00 p.m.    York River**

**Career Workshop V - "Navigating a Career Transition -  
The Financial Impact of Employment Change"**

**1:00 – 3:50 p.m.    Roanoke**

**Individual Career Workshop Sessions - (Ticketed Event)**

- **1:00 – 3:50 p.m.    Résumé Review**
- **1:00 – 3:50 p.m.    Interviewing and Mock Interviewing**

### **Technical Sessions**

**1:00 – 2:30 p.m.    James River C/D**  
Biological Chemistry Poster Session

**1:00 – 5:00 p.m.    Potomac G**  
Chemical Biology (Oral)  
Nanotechnology II (Oral)  
**Potomac E**

**1:15 – 5:00 p.m.    Shenandoah J**  
Conversion of Biomass to Biomaterials and Bioenergy II (Oral)

**1:30 – 5:00 p.m.    Shenandoah H**  
Frontiers in Nucleic Acid Chemistry I (Oral)  
Materials Electrochemistry (Oral)  
Modeling and Simulation in High Performance Materials Research (Oral)  
Organic Chemistry III (Oral)  
Polymer Chemistry III (Oral)  
**Potomac F**  
**Rappahannock**  
**James River B**  
**James River A**

**2:45 – 3:30 a.m.    Break    James River C/D**

### **Events and Activities**

**4:00 – 5:30 p.m.    Roanoke**  
Speed Networking - (Registration Required)

**4:00 – 7:00 p.m.    York River**  
Undergraduate Presentations (Oral)

**4:00 – 5:30 p.m.    James River C/D**  
Undergraduate Poster Session A

**5:00 – 6:00 p.m.**  
Shuttle Bus leaves every 10 minutes to go to the Virginia Science Museum

**6:00 – 7:30 p.m.**

Undergraduate Poster Session B

**James River C/D**

**6:00 – 8:30 p.m.**

**The Science Museum of Virginia**

International Year of Chemistry Awards Dinner -  
Sponsored by Eastman Chemical (Ticketed Event)

The ACS and Southeastern Region Board will honor two individuals at the annual SERMACS Award ceremony. The awards to be presented include  
The Stanley C. Israel Award for Advancing Diversity in the Chemical Sciences, and  
The ACS E. Ann Nalley Regional Award for Volunteer Service

To celebrate the International Year of Chemistry, Professor M. Samy El-Shall from Virginia Commonwealth University will speak on “Chemistry Makes Strong International Bonds.”

**8:30 – 9:30 p.m.**

Shuttle Bus leaves every 10 minutes to return to the Omni Richmond

## **Friday Morning - 28 October 2011**

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<b>8:00 a.m. – 12:00 p.m.,</b> Mini-Symposium on Chemical Careers: "Career Issues for Today's Chemists"		<b>Roanoke</b>
<b>9:00 a.m. – 12:00 p.m.</b>	<b>Exhibition</b>	<b>James River C/D</b>
<b>8:00 a.m. – 5:00 p.m.</b> Career Fair desk		<b>Suite 321</b>

### **Technical Sessions**

<b>8:00 – 9:30 p.m.</b> Analytical Chemistry Poster Session		<b>James River C/D</b>
<b>8:00 – 12:00 p.m.</b> Chemical Education I (Oral) Nanomaterials – Energy, Catalysis and Composites (Oral)		<b>Shenandoah H</b> <b>Rappahannock</b>
<b>8:15 – 12:00 p.m.</b> Conversion of Biomass to Biomaterials and Bioenergy II (Oral)		<b>Potomac F</b>
<b>8:25 – 12:00 p.m.</b> Conjugated Polymer Sensor Systems I (Oral)		<b>Potomac E</b>
<b>8:30 – 12:00 p.m.</b> Biological Chemistry I (Oral) Inorganic Chemistry II (Oral) Physical Chemistry II (Oral)		<b>James River B</b> <b>James River A</b> <b>York River</b>
<b>9:00 – 12:00 p.m.</b> Analytical Chemistry III (Oral) State-of-the-Art in Flavor Research (Oral)		<b>Potomac G</b> <b>Shenandoah J</b>
<b>9:45 – 10:30 a.m.</b>	<b>Break</b>	<b>James River C/D</b>
<b>10:00 – 11:30 a.m.</b> Chemical Education Poster Session		<b>James River C/D</b>

### **Events and Activities**

<b>11:30 – 12:00</b> Women Chemists Committee Reception		<b>Wine Room</b>
<b>12:00 – 1:30 p.m.</b> Women Chemists Committee Luncheon (Ticketed Event) The Virginia Local Section Women Chemists Committee invites you to join them for networking		<b>Magnolia Room</b>

and lunch. Katie Hunt from The Dow Chemical Company will speak on “My Career...Your Options: Lessons in Life, Love and Leadership!”

## **Friday Afternoon and Evening - 28 October 2011**

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**1:30 – 2:30 p.m.**

Ice Cream Social with ACS Governance

**Wine Room**

ACS Board of Directors members will be your host. Members of ACS governance will be present to discuss the latest information and decisions from the Spring National Meeting. You are encouraged to bring your ideas, suggestions, likes, and dislikes to present when the floor opens for discussion.

### **Technical Sessions**

**1:00 – 2:30 p.m.**

Graduate Research in Bioinorganic Chemistry Poster Session  
Inorganic Chemistry Poster Session

**James River C/D**

**1:00 – 5:00 p.m.**

Biological Chemistry II (Oral)  
Chemical Education II (Oral)  
Monty Kier – 45 Years of Computational Medicinal Chemistry

**James River B  
Shenandoah H  
Potomac G**

**1:25 – 5:00 p.m.**

Conjugated Polymer Sensor Systems II (Oral)

**Potomac E**

**1:30 – 5:00 p.m.**

Inorganic Chemistry III (Oral)  
Nanotechnology Education in the Chemistry Laboratory (Oral)  
Connecting Polymer Chemistry and Material Science to  
NASA Objectives (Oral)

**James River A  
Potomac F  
Rappahannock**

**2:30 – 5:00 p.m.**

Chemistry in Art (Oral)

**York River**

**2:45 – 3:30 a.m.**

**Break**

**James River C/D**

### **Events and Activities**

**3:00 – 4:30 p.m.**

Undergraduate Poster Session C

**James River C/D**

**5:00 – 6:30 p.m.**

Undergraduate Poster Session D

**James River C/D**

**4:00 – 8:00 p.m.**

Graduate School Fair

**James River C/D**

**6:00 – 10:00 p.m.**

Undergraduate Karaoke and Pizza Social (Ticketed Event)

**James River C/D**

**6:00 – 9:00 p.m.**

SERMACS Regional Board Meeting

**Magnolia Room**

## **Saturday Morning and Afternoon - 29 October 2011**

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### **Technical Sessions**

**9:00 – 11:30 p.m.**

Biological Chemistry III (Oral)

Protected Metallic Clusters in Molecular Forms (Oral)

**Shenandoah H**

**Shenandoah J**

### **Events and Activities**

**8:00 – 10:00 a.m.**

Undergraduate Awards Breakfast (Ticketed Event)

Breakfast Speaker and Awards Presenter - **Marilyn Miller**

**Magnolia Room**

**8:00 – 12:00 p.m.**

High School Teacher Program (Registration Required)

**Potomac**

**10:00 am - 12:00 p.m.**

Graduate School Fair Day 2

**Roanoke**

**12:00 – 1:30 p.m.**

High School Teacher Award Luncheon (Ticketed Event)

**Potomac**

The ACS and Southeastern Region Board will honor one individual at the annual SERMACS Award ceremony. The award to be presented includes The Regional Excellence in High School Teaching Award. **Dr. Charles Grisham** from the University of Virginia will speak on “Bizarre Biochemistry”

**1:30 – 4:30 p.m.**

High School Teacher Program continued

**Potomac**