Resources and Website Open House
September 12, 2019

Heather Weck, AACT President
Sherri Rukes, Immediate Past President
Jesse Bernstein, President-Elect
AACT President

• Heather Weck
• Harriton High School
• Rosemont, PA
AACT Immediate Past-President

• Sherri Rukes
• Libertyville High School
• Libertyville, IL
• Jesse Bernstein
• Miami Country Day School (Retired)
• Miami, FL
What is AACT?

Why join AACT?

What are the Member Benefits?

What is the cost?

AACT is the first national association for K-12 teachers of Chemistry!

It is a community of passionate teachers who share resources and a love of teaching chemistry.

Brought to you by ACS!

www.teachchemistry.org
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AACT members share strategies, find support, ask questions and overcome classroom challenges!

Members can find innovative ideas for their students and opportunities to learn from other teaching professionals.

www.teachchemistry.org
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www.teachchemistry.org

- Quality teaching resources
- Professional Development
- Access to ACS Publications
- Science Coaches Program
- Chemistry Solutions
- ChemMatters
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What is the cost?

Only $50
$25 for preservice teachers

www.teachchemistry.org
Teaching Resources

1. Classroom Resource Library
2. Multimedia Library (simulations, animations, videos)
3. ChemMatters magazine subscription
4. Chemistry Solutions online periodical subscription
• Dedicated resources for **elementary**, **middle** and **high** school teachers
• Over 700 lesson plans, lab experiments, activities, and demos
• Each resource includes a teacher guide and student resources
• Many resources include NGSS and/or AP alignment
Updated AP Resource Page

AP Units

The teaching resources highlighted in this collection are intended to support student understanding of the Learning Objectives outlined in the AP curriculum.

**Unit 1: Atomic Structure and Properties**

**Unit 2: Molecular and Ionic Compound Structure and Properties**

**Unit 3: Intermolecular Forces and Properties**

**Unit 4: Chemical Reactions**

**Related Articles**

- Taking Inspiration from the AP Chemistry Reading
- Reflections of an AP Chemistry Exam Reader
- The AP Chem Exam is Over - Now What?
- Peer instruction for AP Chemistry
- Starting off on the Right Foot
- AP Chemistry for All

**Related Webinars**

- Lessons Learned from the 2019 AP Chemistry Exam
- Teaching Like an AP Reader
- The Mole of Reaction: Why is it important and Useful
- Lessons Learned from the 2018 AP Chemistry Exam
Multimedia

- Simulations (19)
- Videos (38)
- Animations (11)
- 68 Resources
Student Video Access

- Generate up to 10 passcodes per year
- Each passcode valid for 72 hours (3 days)
- No limit to number of students who can use a passcode

Get a Student Video Pass

Have you ever wanted to share AACT video content with your students? Well, now you can! Read our news post to learn more »
ChemMatters is an ACS publication and AACT member benefit written for high school chemistry students.

- Published Quarterly: October, December, February and April
- Digital and/or hard copy delivery
- Select videos available
- $16/year subscription for non-members
Chemistry Solutions is an online periodical written by teachers sharing innovative tips and ideas with other teachers.

• Online periodical published quarterly: September, November, March and May

• Each volume includes:
  — 30 to 34 articles
  — 4 multimedia resources
  — 10 to 20 lessons
ACS Publications Access

- Access up to 50 ACS periodical articles each year
  - JChemEd
  - ACS eBooks
  - C&EN

Visit the [ACS Publications Home Page](#).
Network & Stay Connected

**Discussion Board**
- Ask Questions
- Get Feedback
- Answer Questions
- Communicate with other teachers

**News & Updates**
- Current AACT events
- Announcements
- Featured news
- New multimedia and classroom resources
Opportunities

• Content Resource Writing Opportunities
  • Ford Chemistry of Cars
  • PPG Chemistry of Color

• AP Content Writing Teams

• Dow Teacher Summits

• Ptable.com Lesson Contest

• NCW Contest, 2018, 2019

• ChemMatters Lesson Contest, 2019

teachchemistry.org/news
Professional Development

- Webinars for PD credit
  - 20 – 24 each school year
  - All webinars archived for AACT members

- Professional learning opportunities
  - Conferences and events
  - Grants, Awards, Scholarships
  - Workshops and Learning
  - ACS Opportunities

[teachchemistry.org/professional-development]
Science Coaches

Details

• A chemist and an AACT teacher member partner together
• Coach and teacher may select each other and apply together
• OR each may apply individually and be matched by AACT.
• Teachers and chemists meet six times during the year.
• *Science Coaches* teacher’s school will receive a $500 donation from ACS to enhance science education OR $550 donation if one buys directly from Flinn Scientific.

Applications open April 1 - September 1 each year.
Homework Assignments!

1. Visit the website - **Unlocked tonight at midnight EST** for 24 hrs
2. Follow us on Facebook
3. Sign up for the monthly eNewsletter
4. Follow us on Twitter @AACTconnect
5. Become a member today!

[www.teachchemistry.org](http://www.teachchemistry.org)


Want to present a webinar next year? Send an email! [AACTwebinar@acs.org](mailto:AACTwebinar@acs.org)