Challenges

- Getting industry leaders to commit

Details:

- Good ⇒ Students exposed & connected to industry
- Audience ⇒ Students / Faculty / Industry
- Event Type ⇒ Small group, localized meeting

Environment Scan ⇒ Main feature: economic sociability

Timeline:
- Schedule ⇒ Beginning of term (3rd or 4th week)
- Prioritize delegation to support in industry

Advertising ⇒ Flyer
- Contact profs
- Contact TIO
- Speak to student chapter, contact US
- If we speak to dept. chair, we can get 1 hour & time to get this further

Venue ⇒ Chosen by local hosting entity

Budget ⇒ Up to $2000
- Key covered by local foundation
- $1000 - 2000
- Venue $250
- DEIR possible
- LSMEET possible
- Sponsorship possible
- Potential high school bridge
S:
- 5x events
- 4-5 people - eur 2k/yr

M:
- Qualify/call em!
- Follow up email

A:
- ✓

R:
- ✓

T:
- ✓

Schedule / Timeline:
- Team Break / Mid Term
- Ad-hoc / This Big Team

Who:
- Execs: Can we each pick 1?
- Make offers
- Content today
- Schedule / Executive Council

Venue/Logistic:
- Local Venue
- Money to (book)
- Remote work platform

Contact:
- Industry?
- List / roster
- Walk-in door

Contact:
- Student?
- ACS Student chapter
- Depts. Choir

High School Version:
- Second event.

Budget:
- [Handwritten notes]
*Goal*: Leveraging student computer skills in their learning process by introducing early-career Chemists to the software used in the field. Connect Student across the country to Teachers, Chemists, researchers, and build their network.

*Target Audience*: Pre-Grad Student, High School, Comm College, Undergraduate

*Grants*: IPG, DIER, multi-sectional Collaboration of pooled resources

⇒ Division Collaborations: CINF, CHED, COMP
⇒ Committee Collaborations: Spartan ($), Gaussian ($)

*Softwares*: Chemdraw ($$$), Marvin Sketch (free), Chem Sketch (free), Matlab ($), Mercury (free), PyMOL ($), Mnova ($), Schrodinger ($$$), Reaxys ($), SciFinder ($$$), CSD ($)

https://guides.library.stanford.edu/scilib-software
Company Presentation
- Feb (good for Job)
- Fri Day Afternoon
  - AcademIcal Institute (4-8 PM)
  - Break out Room (10-5 PM)
  - Dinner at 5:30

Industry - AcademIcal Institute aka (4-8 PM)
- Mentors
- Coffee with a Chemist
- Post of Chemistry
- Food Chemistry report
- Worship with us
- Companies bring their little gifts (free)
- Communicate with Show2 HR-Career Consultants
- Open whole day
- Tables of Industry/Univ.
- Stay Subject Focus with Companies

- Subdivide above groups based on companies
  - Industry
  - ACS Volunteers - get
  - Dinner others who opt to stay back from I
  - Sponsors - schools to give space
  - Companies to pay

Networking
- Speed Networking
- Resume Build up
- I.P. (Intellectual Property management)

Other:
- Table selling
- Swap shop event
- Stuffed Chafers Volunteer Breakfast
Event: The Chemistry of Everyday Life

Goals: To increase community and membership engagement by hosting at least 4 in-person events that demonstrate everyday chemistry concepts to a diverse group.

Funding: DETR and/or LSAC grants, ACS Outreach grants, local business sponsorship.

Event Outline: Welcome/Intro, 15-20 min. presentation, activity/demo, networking (1.5 hr. total)

Event Topics: Beer/wine, coffee, nail polish, paint, jello, firework, fall colors, hair dye, henna, baking, aromatherapy, ice cream, glass blowing, fire, pearls, gems, etc.
Budget

Registration: $0 - $10

Venue: $0 - $200 (max)

Food/Drinks: $0 - $400 (max)

Supplies: $0 - $300
Goal: Organize a day long technician workshop

Target audience: 1) Undergrads 2) High School

Venue: ~100 participants

Speakers/Content: University common area
Tentative Agenda

9AM - 12 PM

1) Presentation → Day in the Life of a Chem. Techie →
   - Safety
   - Lab-duties
   - Research opprt.
   - Leadership opprt.
   - Presenta. /Travel opprt.

4 - 5 Speakers (~1 hr 30 mins)

Entry level / Mid-level / Senior

2) Panel Discussion → Open Q & A

3) Resume building → Come with draft→ build on it.

~5 volunteers
4) Lunch (Provided)  
(12 - 1:30 PM)  
Ice-breakers / Kahoot / Menteer Bingo

5) Speed Networking  
Tech / Scientists Speakers (5) + Volunteers (5)  
On 10 Tables → Students move around (1:30 - 3 PM)

6) Wrap Up (Survey)  
Hand out Resources (linked in profile building, job search, scholarships)
Budget

**NO. of food boxes** ~ 150

1) Venue → ~ $2,250

2) Food → $2,250

3) Soft drinks + water → $200

4) Gift for speakers → $150

5) Printed Materials → $200

6) Decorations (P. Booth, etc.) → $200
8) Membership Giveaway
9) New/Renewal (4)

9) - Pre-register (incentivize for RSVP)

- Post survey (feedback + let us know your results)

* Pics might be taken & shared with ACS

10) T-shirts & Thank you notes for Volunteers (15) $150
DEIR

Speaker = disabilities
- focus - work in chem = disabilities
- scientists
  
  1. lab setting
  2. share stories

ON SITE

1. Visual
2. Biochemical
3. Hearing
4. Physical

Location - uni or college

- insurance (ACS) grant ACS-Honorary (speaker)
- public
- ACS members
- local uni, std., area colleges, schools

Timing - fall, spring

Local - speaker - DEIR FTP (grant) speaker travel

Chem & disabilities (grant)
Funding
- Homestay - local ACS
- grants - DEIR
- ITP
- Chem. E. disabilities
- Local disability networks
  (example: Ed of Blind of CT
  State of CT Resources
  School of Blind, HTF, CT)

Talk - location fees supplier

8:30 - Saturday
- Registration
9:30 - Speakers
  Intro.

10:30 - 10:45 - Break
10:45 -> go to lab group
11 - Noon -> Lab.
11:25 - 11:55

12:15 - 1:30 Lunch/Networking
1:30 - 2:30 Redo
  Undergrad/Grad
  Career Networking
Science Trivia Night

- **Audience**: general public (15+), 15 questions
- **Location**: Café/Family-friendly pub
- **Goals**: Increase community interest in chemistry/STEM and engage current membership, enhance trust in chemistry, advertise future events
- **Time**: March 23 (before Earth Day) evening
- **Timeline**:
  - 1 month in advance: contact venue
  - 2 weeks before: advertise/contact local chem teachers, student sections
  - Social media (from venue)
- **Logistics**: drink tickets/deposit
  - start a #chemysterynight
  - reserve space $10-300
  - talk to HS teachers for questions
  - gift card prize, door prizes
  - #scienceistrivial
  - food
- **Budget**: $500 → Science Café?
People:
- Chair/Chair Elect → grants
- Treasurer → #
- Secretary → venue/flyers/social media
- ACS → 1/10 people
- ACS anxiety: ACS → 5 people for questions

Success:
- Survey → incentivize
- repeat questions → did they learn
- # of attendees over time

Motivation:
- fulfilling, fun
Coffee with a Chemist

- Monthly theme based on hosting chemist

- Identify funding
  - Developing Trust in Science

- Identify venues

- Target Audience
  - Local Section Members
  - General Public (primary)

- Invitation
  - Digital Registration
  - Social media through LS + host venue


Tentative Schedule

- Monthly
- Alternate locations

Theme ideas
- batteries (CCEW)
- photography (NCW)
- glassblowing
- public health
- soap making
- agriculture
- cheese
- coffee
- beer
- climate
- environmental
- plastics
- adaptation

SMART Goal

- Engage 50 general public/LSM in discussions about Chemistry
Budget

$100 per month

Total: $1,200

Feedback

QR code questionnaire
What's Next?

Pathways to My Magical Chemistry Journey

- When: 2/14/2025 Fall in love with Chemistry
- Find your match - Chemistry
- Swipe right on your future

- 20 Tables / Mentors / Opportunities
- 3x student participants

Venue - Local University

RSVP
## Budget

### Income
- Industry Tables: $100
  \[ \times \frac{20}{20} = \$2,000 \]
- IPE: $3,500
- Local Section: $2,000
  \[ \text{Total Income} = \$7,500 \]

### Costs
- Marketing/Prizes: $1,800
- Grad students: $1,000
- Travel costs: $1,500
- Food: $3,000
- Keynote Speaker: $1,000
  \[ \text{Total Costs} = \$7,300 \]
Sucess Metrics

- Student attendance \( \geq 60 \)
- Mentor Tables \( \geq 15 \)
- Connections
  - Intern placements \( \geq 5 \)
  - Contact follow-up \( \geq 100 \)
  - Job applications \( \geq 30 \)
  - Grad school applications \( \geq 30 \)
- Survey
  - Student + Mentor \# response = 800
- Go / notes
Chemists Can Do Anything!

Goal: Provide inspiration, career counseling, and local support for a variety of options in the chemistry field.

Type: 3-Part Networking Seminar Series w/dinner provided

Audience: Students & Chemistry Professionals

Venue: Community College

Budget: $1k/event ($15 entry fee) ($5 students/seniors)

Communications: Email, Social Media, Phone Invites

Logistics: Volunteers from local section, YCC Google Form for RSVPs

Timing: After work hours on Wednesday
Outreach to Elem. / M.S.

Teachers who are not trained in/as Scientists Chemistry

- Hands on Kits ($)
- Do Kits with teachers to gain their trust and build confidence, trust relationships
- Kits
- Food travel - continuing Ed. cert. - surveys/follow up usage

Plan: Spring 2021

Imp: Fall 2021
Dinner with Chemist

- Monthly (4 people: industry, Prof. HS team, students)
- Purpose: engagement/recruitment

End of year college event

Budget: $200 - $250 monthly
$1,000 annual

1) Food
2) Venue
3)...

Planning:
- Coordinate w/ Committee
- Use Roster (local sector) email/social media/phone calls
- Plan end of year event
  1) apply for grant

Timeline:
Chemistry of Food (Series)

Goals: Increase engagement recruitment
12-30/event spread location

Spring Chemistry of Baking
- Owens CC
- Perrysburg
- Decorating cookies/cupcakes
- Family

Fall Chemistry of Wine/Beer
- Winery
- Swanton

Winter Chemistry of Coffee
- Extraction
- Lewis Commons
- Perrysburg

Summer Chemistry of Dinner
- Foodology
- Toledo
- Kids/families
- Date night
- Girls dinner out

Grilling
- Distilling
- Condiments

Cleveland clinic
- Culinary medicine
- Future
High School Outreach: Poster Session

Overview:

- Welcome
- Bagels, drinks, etc
- Mini Demo (box)
- Nearby alloys
- Poster session by type of chemistry
- Group posters by type of chemistry
- Giveaways
- Pizza
- Breakout

Goal:

- Increase high school engagement with the local section/colleges
- Undergrads
- Undergrads
Regional Industry-Academy Mentorship program

- Recruiting industrial & academic mentors, students (ycc, alumni, ...), directors, government labs
- Give extra credits for students who join the events
- Promote to non-chemist students
- Hybrid events
- Plaque & award for mentors
- Promoting program using social media (LinkedIn), QR code, speed networking
measurable

- survey participants
- How many students attend the event
- a follow-up surveys if they met the connection in 6 months
- At least 50% students still have the connection
- LinkedIn
- Pro
May 24
April 24
March 24
Jan 24

Promotion (email, social media, ...)
Mentor applicants
Executive team meetings
Strategic Plan
UG Research Symposium

- 1 day (2 sections)
- Recycle a Poster
  - Invite HS teachers
  - Cover to attend ACS members
  - Virtual passport to network w/faculty
- Collaborate w/ a division
- Use ACS directory for keynote

- IPG/Murdock Trust group
- Lunch Pizza bar
- Salad/GF
- Coffee/water
- Venue (university)
- Zoom room for hybrid (MEET Grant)
- Large sections / streamed
- UC poster awards
- Renting equip?
- Poster boards
- Discount hotel HS
- Division Sponsor
- 1-2 speakers (travel)
- Hybrid
- ORN to all
- Nexus Grant

- Evaluations - Students
  (QR codes + teachers
  Google forms)
- Volunteers
  - Faculty, Graduate students, Industry members - voting
Resume Bootcamp

Target Audience 1: Senior undergrads ready to apply
Target Audience 2: Freshmen/Sophomores - what do I do? (internship, undergrad res, outreach)

25 participants
Budget: Food - $200
Venue - free
Speakers - Academic | Industrial | Government | HR

Help from students chapters to advertise

Schedule
  * Plenary session + Q/A
  * Separate into 2 tracks - brief presentation + workshop
  * Break - Network lunch with one panelist per table
  * Small groups - 3 people to talk with panelists
  * 1:1 Resume Review with ACS Career Consultant
  * Presentation from speaker - Keynote
  * What goes to apply for bachelor | Master
  * Poster presentation after lunch
  * Panel - Speakers sharing journey + what they do

Open schedule
1. Panels with panelists from diverse career paths
   - Academic, Industry, Government, HR screening
2. Breakout Session - Info on available positions
3. Lunch
4. Resume workshop - terminology, how sell yourself,
5. Poster Presentation