

ACS
Chemistry for Life

www.acs.org/acswebinars

Chat

Announcements and hyperlinks from our team

Handouts

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# Career Consultant Directory





- ACS Member-exclusive program that allows you to arrange a one-on-one appointment with a certified ACS Career Consultant.
- Consultants provide personalized career advice to ACS Members.
- Browse our Career Consultant roster and request your one-on-one appointment today!

www.acs.org/careerconsulting

### **ACS Bridge Program**



Increase PhD's Awarded

Improve access and culture of graduate education

Promote Successful program components

Provide professional and career development opportunities



Group picture from 2022 CKS at ACS HQ in Washington, DC

Being a part of the ACS Bridge program has benefited me in several ways. I was able to pursue fully independent, fascinating research at a top institution, but even more importantly, I was exposed to a number of opportunities (such as conferences, career events, etc.) I never would have known about otherwise. The best thing about Bridge in my opinion, are the people at ACS who have worked to make it happen. Their dedication to helping me develop professionally and supporting me in good or bad times I will forever be grateful for.

Hanin Sarhan, Bridge Fellow at Indiana University

**American Chemical Society** 

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## **ACS Scholar Adunoluwa Obisesan**





**GIVE TO THE** 



Donate today at www.donate.acs.org/scholars







ACS on Campus is the American Chemical Society's initiative dedicated to helping students





### **ACS Career Resources**



**Linked** in Learning

### **Virtual Office Hours**



**Personal Career Consultations** 

PPUBLI

https://www.acs.org/careerconsulting.html

https://www.acs.org/careerconsulting.html

https://www.acs.org/linkedInlearning

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# ACS Advocacy See your influence in action!



The impact and results of ACS member advocacy outreach and efforts by the numbers!



1739+

ACS Advocacy

Workshops participants or enrollees

49 Years of Public Policy Fellows



Get Involved

Enroll in a workshop

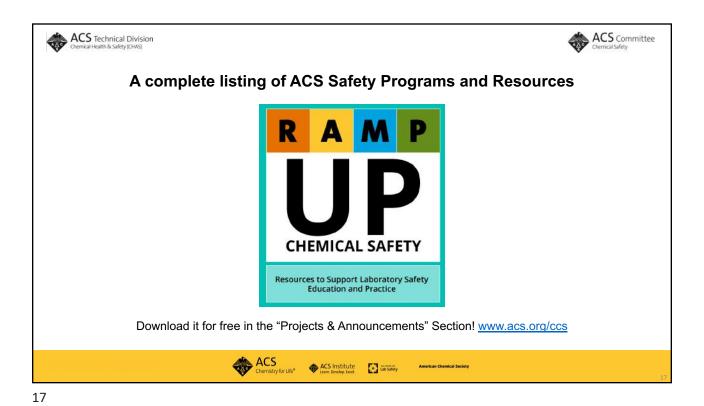
Become a Fellow

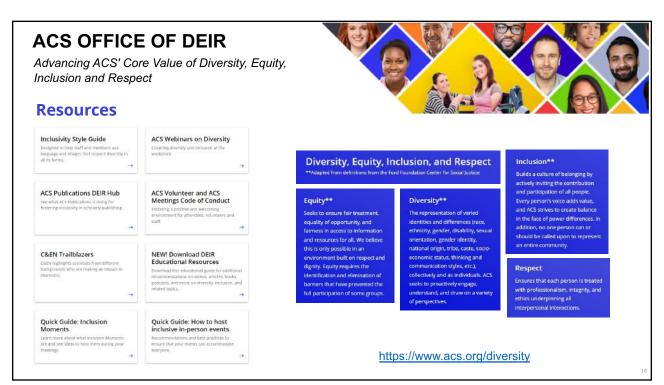
Take Action

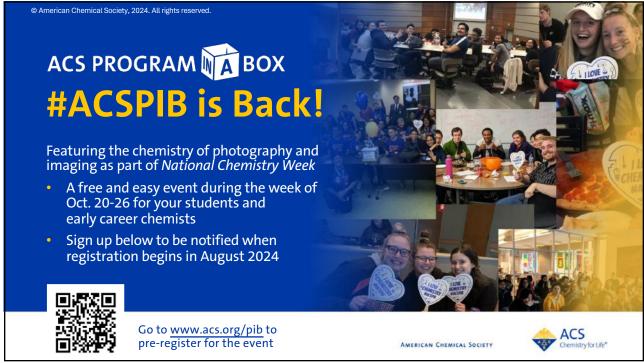
American Chemical Society

https://www.acs.org/policy

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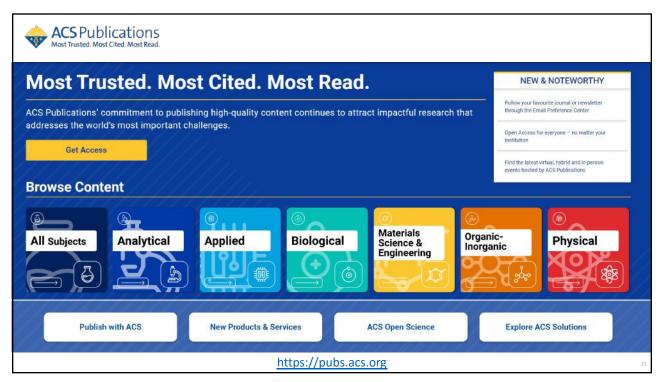


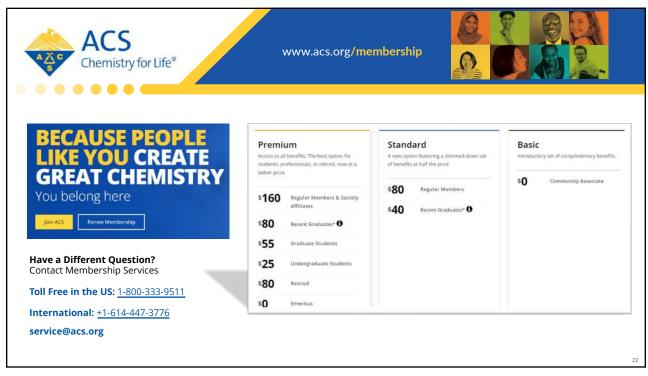


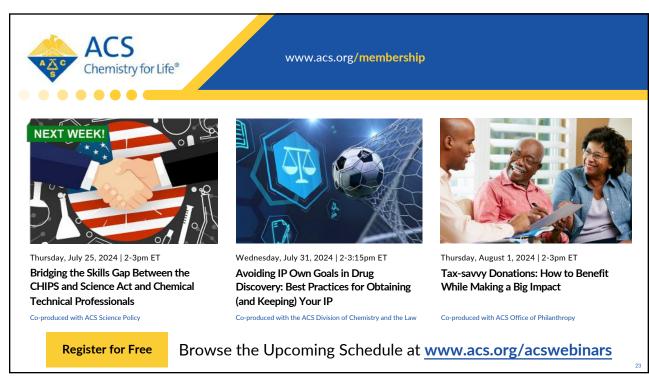
ACS
Chemistry for Life\*

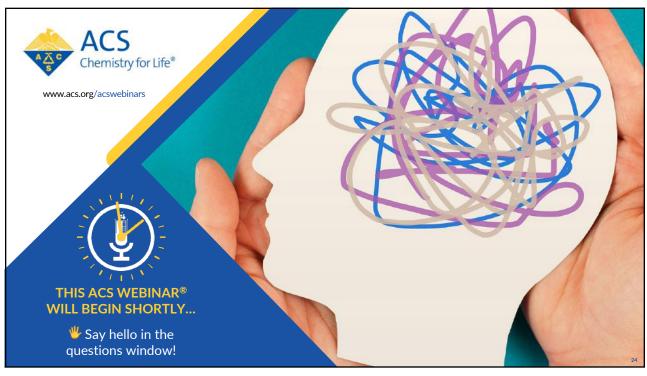
Make Our Future
Greener Through
Hydrocarbon Research

American Chemical Society Petroleum Research Fund
Seed Money for Petroleum-Relevant Science











## **Committee on Chemists with Disabilities (CWD)**



To promote educational and professional opportunities in the chemical sciences and in fields requiring knowledge of chemistry for persons with disabilities. We will champion the capabilities of those persons to educators, employers, and peers.



The committee envisions a time when all individuals, including those with disabilities, will advance the chemical enterprise by drawing on the full range of their talents.

https://www.acs.org/about/governance/committees/chemists-with-disabilities.html

cwd@acs.org











# Audience Survey Question ANSWER THE QUESTION ON THE INTERACTIVE SCREEN IN ONE MOMENT

### How familiar are you with the term "neurodivergent?"

- I have never heard the term
- I have heard of it
- I can write down the meaning of the term
- I can give examples of the term
- I'm an expert on this term and can teach someone else

\* Please use the radio buttons on-screen to answer!

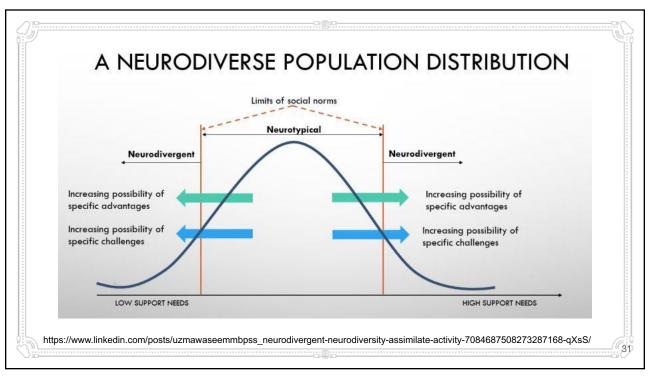
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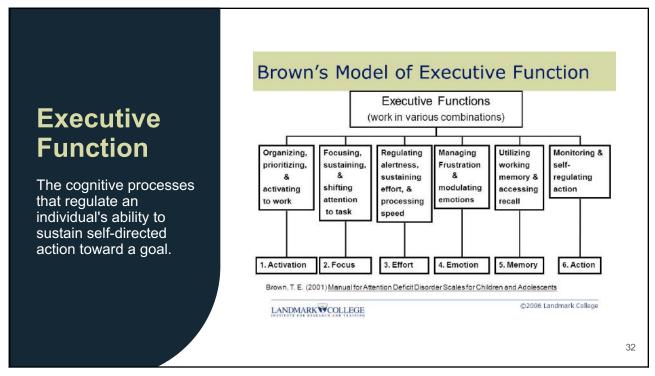
# Neurodivergence at Landmark College

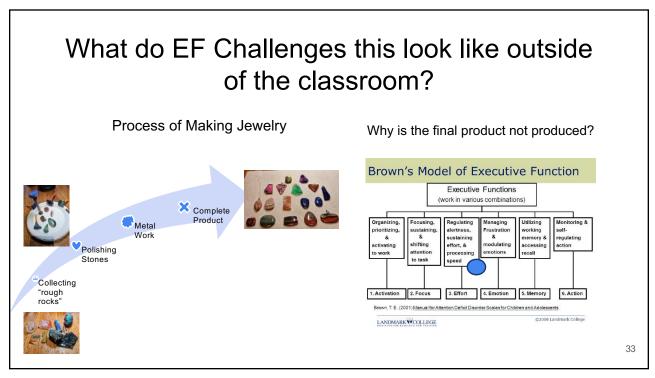
The College for Students Who Learn Differently Dyslexia | ADHD | Autism | Executive Function Challenges

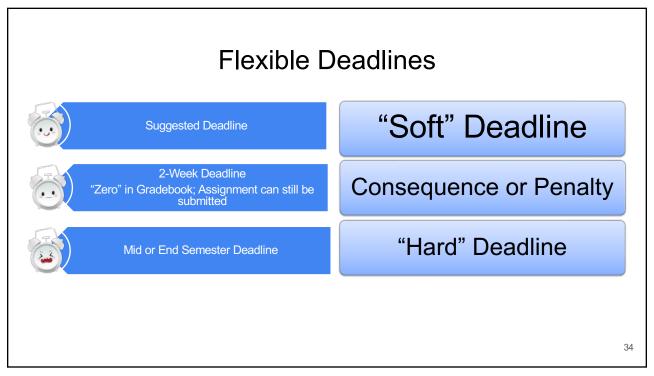
**Neurodiversity** - Describes a multitude of naturally occurring variations in the brain that result from the human genome.

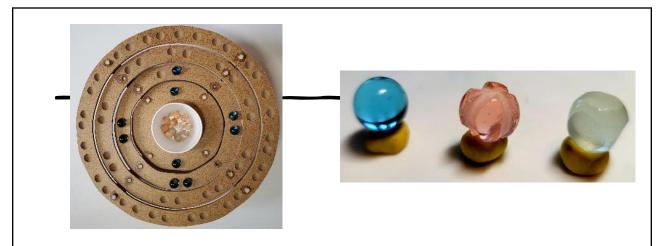
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# **Tactile Bohr Model**

Monroe, Christin B.; Stein, Andrew B.; and Tolman, Cindy (2022) "Implementing Tactile Learning to Aid Students Understanding of the Bohr Model," *Journal of Science Education for Students with Disabilities*: Vol. 25: Iss. 1, pp. 1-14, Article 3. DOI: 0.14448/jsesd.13.0003

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### **Breaking Down Laboratory Assessments** Laboratory Assessment This is being This is not assessed Interpreting "Reading" Analyze the Performing Collecting the the the lab the Data instructions Instructions These are examples of "reasonable" accommodations. 36

# Sci-Voice Talking Labquest (TLQ) 2



Reads data off in real time

Reads instructions to students as they perform the lab

A tool that can be useful both for blind/ low vision and dyslexic science students

Monroe, Christin B. (2023) "B/LV Laboratory Accessibility Technology Adapted for Neurodiverse Chemistry Students". Journal of Science Education for Students with Disabilities. Vol. 26: Iss. 1, pp. 1-9, Article 5. DOI: 10.14448/jsesd.15.0004. Available at: https://repository.rit.edu/jsesd/vol26/iss1/5.

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## Scaffolded and Strengths Based Career Preparation

#### **Program Elements Catalyzing Success** Financial Field Trips Literacy Mentor Maps Internships/ Individual Research Development Plans Conference LinkedIn Attendance Peer Presentations/ Mentoring Publication Volunteering Cohort Class Career Advisor

NSF DUE S-STEM Award #2129912

Cohort Course STEM Mentor Weekly meetings provide group mentoring, peer mentoring and community; linkage with other supports Expertise in field of interest, research opportunities, guidance with career goals and graduate/ professional school STEM Mentor STUDENT COHORT Career Academic Connections Career Academic Advisor Connections Help research industries and companies. Develop cover letters, resumes and elevator Pitch, Internship coordination. job offer evaluation Advisor Class Scheduling, understanding degree requirments, grad plan

New Directions in Higher Education, Under Review

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## **Graduate School Accommodations**

### Approach a Disability Resource Office

### When you are taking a class

- Before you take your generals exam
- When you are writing your dissertation

### Approach Human Resources

- Accommodations related to be a teachers' assistant
- Accommodations related to being a research assistant
- Essentially any role you are being "compensated" to perform

Disclosure is a very personal thing, but with the right graduate advisor, students may not need to request formal accommodations.

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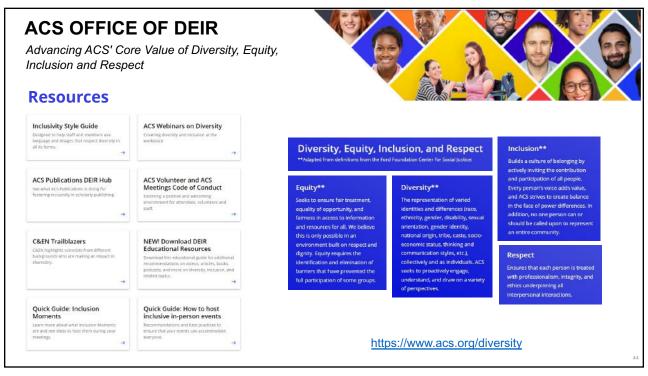
# Audience Survey Question ANSWER THE QUESTION ON THE INTERACTIVE SCREEN IN ONE MOMENT

Which accommodations should ACS focus on at the next ACS meeting? (You may choose more than one)

- Wheelchair accessibility
- Clearer signage in the meeting rooms
- Alt text options for images on screens
- Choice of colors that are accessible to visually impaired persons

\*If other please let us know using the questions panel!





### **ACS Committee on Chemists with Disabilities**











#### E-Book: Teaching Chemistry to Students with Disabilities

The 5th edition is now available in PDF format. This informative tool helps students and educators understand how to identify and address the needs of students with disabilities to ensure an inclusive and accessible chemistry education experience.

Download the 5th Edition



#### **Awards & Publications**

- CWD Awards
- CWD Member Handbook English (PDF) | Spanish (PDF)
- Teaching Chemistry to Students with Disabilities 4th Edition- RIT Scholar Works (PDF)

https://www.acs.org/about/governance/committees/chemists-with-disabilities.html

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Thursday, July 25, 2024 | 2-3pm ET

Bridging the Skills Gap Between the CHIPS and Science Act and Chemical Technical Professionals

Co-produced with ACS Science Policy



Wednesday, July 31, 2024 | 2-3:15pm ET

Avoiding IP Own Goals in Drug Discovery: Best Practices for Obtaining (and Keeping) Your IP

Co-produced with the ACS Division of Chemistry and the Law



Thursday, August 1, 2024 | 2-3pm ET

Tax-savvy Donations: How to Benefit While Making a Big Impact

Co-produced with ACS Office of Philanthropy

**Register for Free** 

Browse the Upcoming Schedule at <a href="https://www.acs.org/acswebinars">www.acs.org/acswebinars</a>

