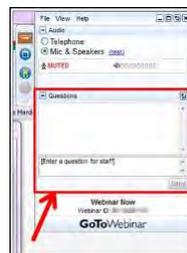
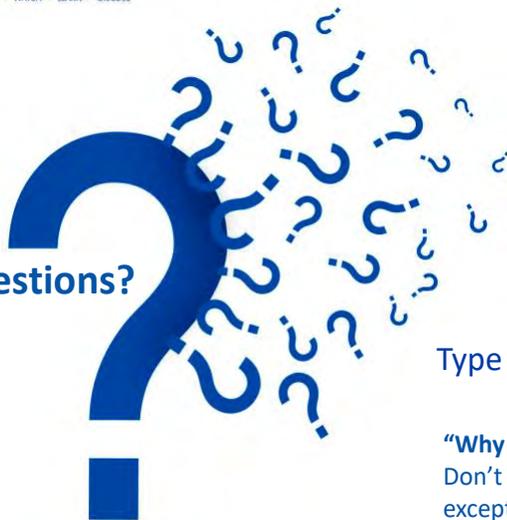




Have Questions?



Type them into questions box!

**“Why am I muted?”**

Don't worry. Everyone is muted except the presenter and host. Thank you and enjoy the show.

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The Drug Design Delivery Series has built a collection of the top minds in the field to explain the mechanics of drug discovery. Discover the latest research, receive an overview on different fields of study, and gain insight on how to possibly overcome your own med chem roadblocks.

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We have a collection of career resources to support you during this global pandemic:



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## ACS Department of Diversity Programs

*Advancing ACS's Core Value of Diversity, Inclusion & Respect*



We believe in the strength of diversity in all its forms, because inclusion of and respect for diverse people, experiences, and ideas lead to superior solutions to world challenges and advances chemistry as a global, multidisciplinary science.

### Contact Us:

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[Diversity@acs.org](mailto:Diversity@acs.org)



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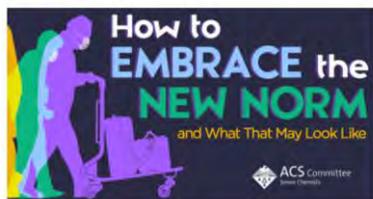
## ACS Women Chemists Committee



The mission of the ACS WCC is to attract, retain, develop, promote, and advocate for women to positively impact diversity, equity, and inclusion in the Society and the profession.

Find out more about the ACS WCC! <https://acswcc.org>

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Date: Tuesday, March 30, 2021 @ 1-2pm ET

Speakers: Tom Connelly, American Chemical Society / Robin Preston, American Chemical Society / Frankie Wood-Black, Northern Oklahoma College and Sophic Pursuits, Inc.

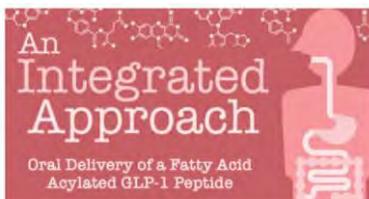
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# THE RESILIENCE OF WOMEN IN CHEMISTRY



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THIS ACS WEBINAR WILL BEGIN SHORTLY...

12



## The Resilience of Women in Chemistry



**Allison Aldridge**  
Consumer Safety Officer, U.S. Food and  
Drug Administration



**Patricia Silveyra**  
Associate Professor, Department of  
Environmental and Occupational Health,  
School of Public Health, Indiana University



**Sara Mason**  
Associate Professor and Director of  
Graduate Studies, Department of  
Chemistry, University of Iowa



**Lorena Tribe**  
Professor of Chemistry,  
Penn State Berks

*Presentation slides are available now! The edited recording will be made available as soon as possible.*

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# Allison A. Aldridge, Ph.D.

Consumer Safety Officer

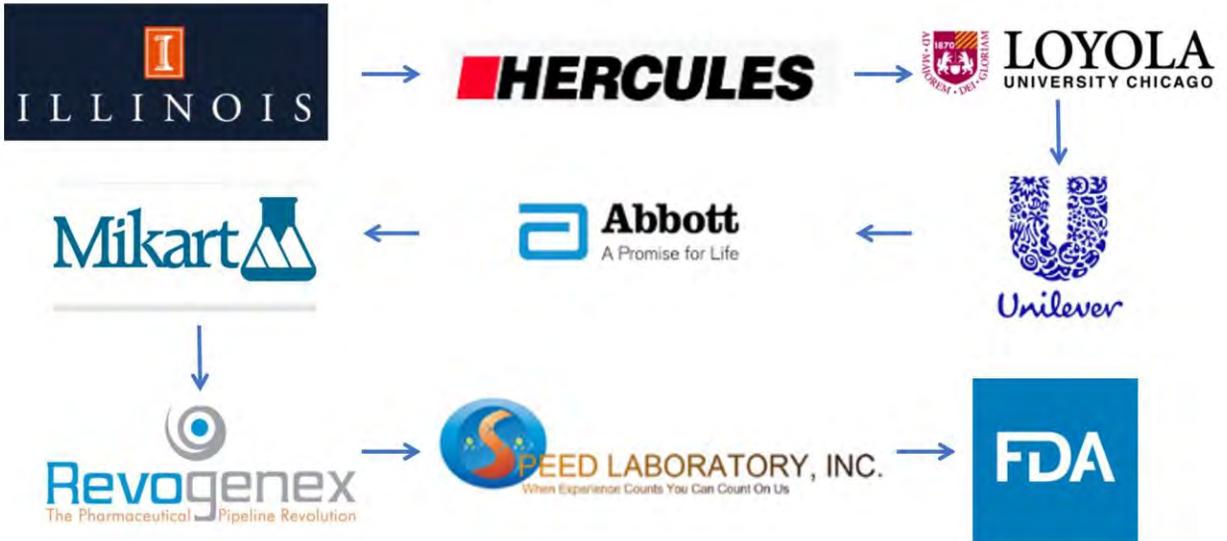
U.S. Food and Drug Administration

**THE  
RESILIENCE  
OF WOMEN IN  
CHEMISTRY**

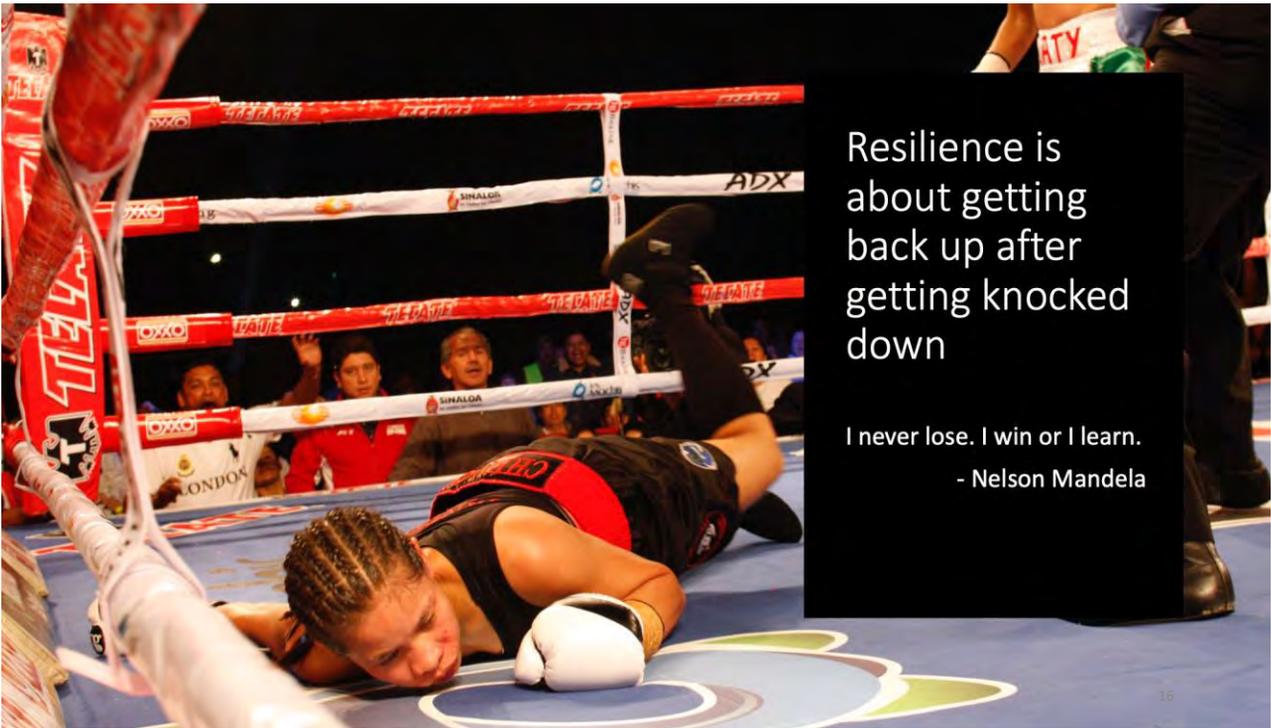


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# My Career Path



15

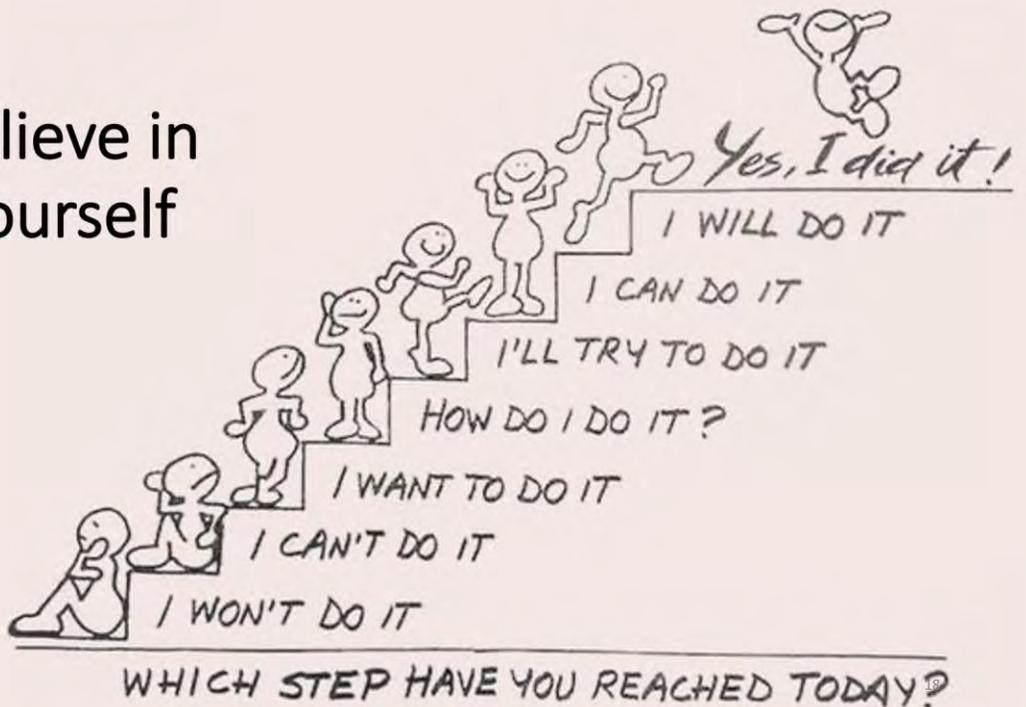


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Don't stay  
stuck.



Believe in  
Yourself



## Audience Challenge Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT



### What has been the hardest part of the COVID-19 Pandemic for you?

- Staying at home
- Not being able to spend time with family and friends
- Working/Studying at home
- Worrying about friends and family becoming infected
- Other (Tell us more in the chat)



*\* If your answer differs greatly from the choices above tell us in the chat!*

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Find out what  
motivates you



20



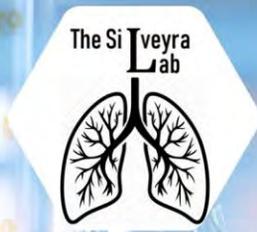
# My Scientific Journey (1999-2020...)



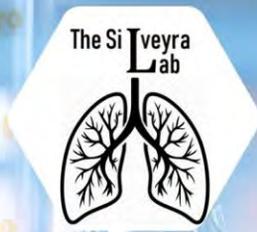
# My Scientific Journey (1999-2020...)



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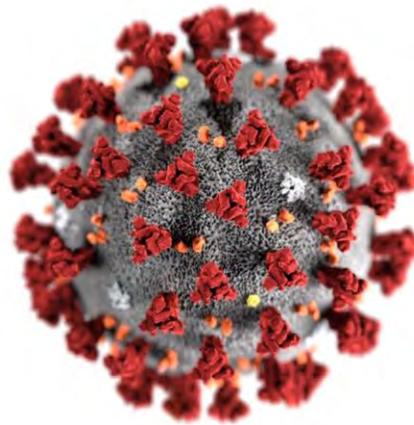


# 2020



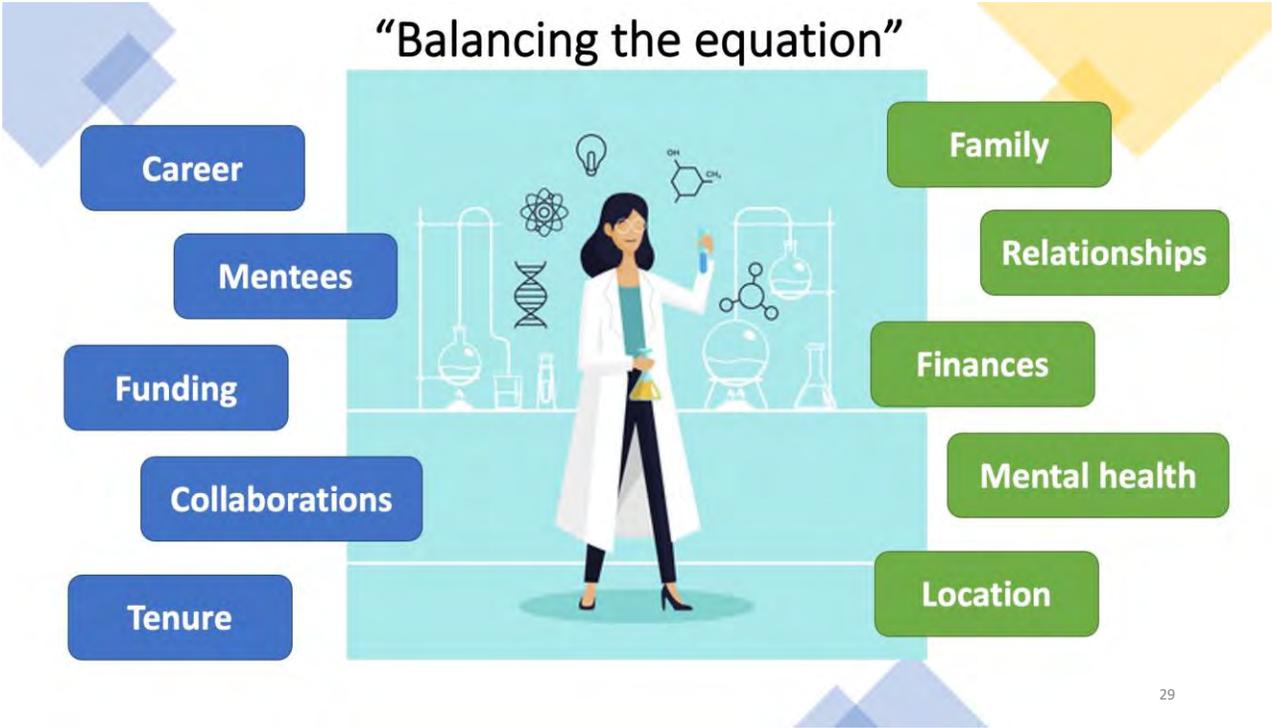
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# 2020



28

# “Balancing the equation”



29

# “Balancing the equation”



# resilience:

“an ability to recover from or adjust easily to misfortune or change.”

—Merriam-Webster Dictionary

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## Finding balance



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## Audience Challenge Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT



**What activities help you manage stress?** (Choose all that apply)

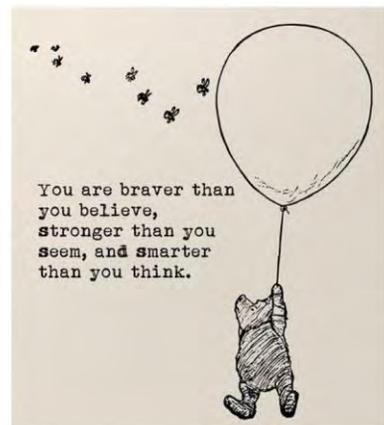
- Sports/Yoga
- Meditation
- Talking with friends/family
- Movies/Reading
- Creative Activities (making art, music, etc.)



*\* If your answer differs greatly from the choices above tell us in the chat!*

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## New year, new lab, new perspective



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# Dr. Sara E. Mason

Associate Professor & Director of Graduate Studies

Department of Chemistry

University of Iowa



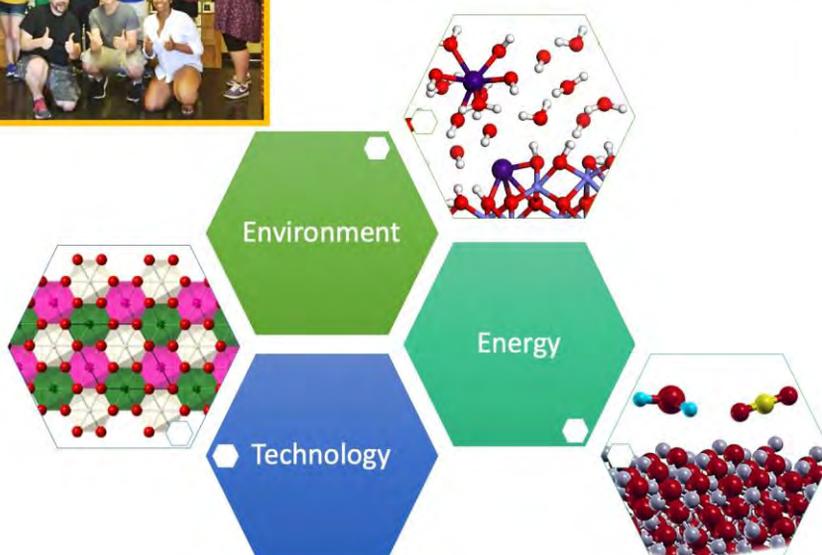
## THE RESILIENCE OF WOMEN IN CHEMISTRY



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**Mason Group: Building Bridges between Computational Chemistry and Experiment at the Nanoscale**



**Dr. Sara E. Mason**  
(she | her)  
*Associate Professor &  
Director of Graduate  
Studies*  
Department of  
Chemistry  
University of Iowa  
@UIchemSEM

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## What I want you to know first...

- Resilience:
  - Being tough
  - Being elastic
- Big Picture Beyond Today:
  - Systems that pressure some groups to show greater resilience need dismantling
- Sharing my story
  - Acknowledging my privilege



**IOWA**

S. E. Mason || ACS-WCC Webinar || *Resilience of Women in Chemistry*

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## Resilience by being tough...



**MONROE COMMUNITY COLLEGE**



A.A.S. Chemical Technology, '99

B.S. Chemistry '01



Ph.D. in Chemistry '07



NRC Postdoc, Physics Laboratory '07-'10

38



# Resilience by adapting...



Start TT position Fall **2010**



First major grant funded **2013**



Baby #1 (Adia, present) **2014**

NSF-CAREER 2013



Promoted with Tenure **2017**

Baby #2 (Aden) **2017**

# Resilience by adapting...

Chronic illness as a postdoc



Start TT position Fall **2010**

Managing illness  
Major surgery  
Infertility treatments



First major grant funded **2013**



Pregnant by IVF

Baby #1 (Adia) **2014**

NSF-CAREER 2013

No time off

Tenure tour, breast pump in tow

No sleep! Daycare germs!



Promoted with Tenure **2017**

Baby #2 (Aden) **2017**

Pregnant by IVF  
High risk, complications

One month NICU



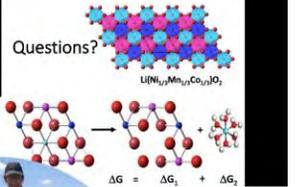
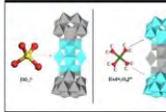
**“A diverse team of UI researchers tackle energy, the environment, and nanotechnology”**  
*Little Village Magazine, 2018*

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## 2020: Resilience by being tough AND adapting...



**Building Bridges Between Computational Chemistry & Experiment at the Nanoscale**  
 Sara E. Mason @UChemSEM



## Audience Challenge Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT



### What changes to your work (or work-life balance) have you made and plan to keep after the pandemic?

- None, I can't wait to get back to "normal"
- I hope to continue to work (study) from home, some of the time
- I will stay more connected virtually with friends/family
- I made lifestyle changes that I hope to maintain
- Other (Tell us more in the chat)



*\* If your answer differs greatly from the choices above tell us in the chat!*

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## New Additions to ACS Strategic Plan



### Core Values

**Core Value:** Diversity, Equity, Inclusion, and Respect



### Goals

**Goal 5:** Embrace and Advance Inclusion in Chemistry



## Diversity, Equity, Inclusion, and Respect (DEIR) Advisory Board



Suggestion Ox: [https://app.suggestionox.com/r/DI\\_R](https://app.suggestionox.com/r/DI_R)

DEIR Advisory Board Email: [dirab@acs.org](mailto:dirab@acs.org)

DEIR Homepage: <https://www.acs.org/content/acs/en/membership-and-networks/acs/welcoming/diversity.html>

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# THE RESILIENCE OF WOMEN IN CHEMISTRY

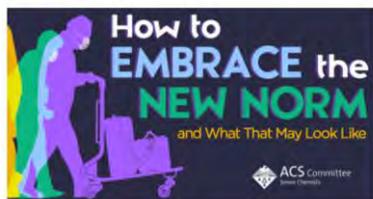


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Date: Tuesday, March 30, 2021 @ 1-2pm ET

Speakers: Tom Connelly, American Chemical Society / Robin Preston, American Chemical Society / Frankie Wood-Black, Northern Oklahoma College and Sophic Pursuits, Inc.

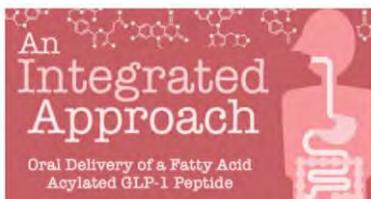
Moderator: Arlene Garrison, ACS Senior Chemists Committee

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#### What You Will Learn:

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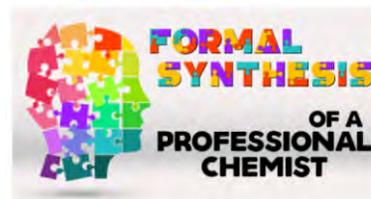
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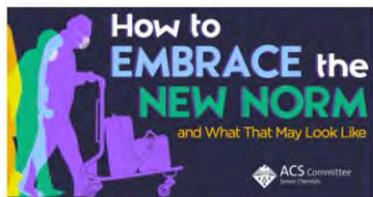


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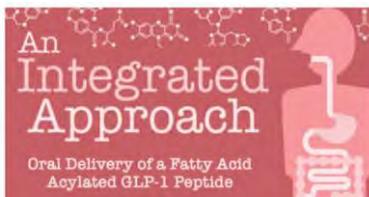
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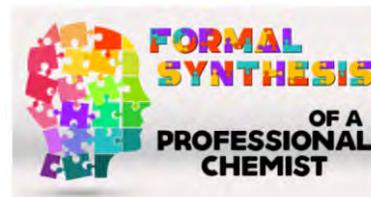
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