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INDUSTRY MATTERS

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Information, insights, and advice for ACS industry members

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April 22, 2021

In ACS Boss Talk, Corning's Christine Heckle, Research Director, Inorganic Materials Research & Asia Research Labs, explains why the company introduced a new material for Apple's iPhone 12, rather than continue with its highly successful Gorilla Glass. Chris also shares why she thinks advances in materials science in the next 15 years will eclipse those from the last 15, and how a Wuhan-based Corning factory gave the company some valuable early information on how to manage the pandemic in its other global facilities.

A pivotal, commonly asked question is how to determine whether pursuing a PhD is a good career move. Four ACS Career Consultants share their thoughts and experiences on this complex matter.

In our ACS Entrepreneur video series, three executives from start-ups – Joe Landolina, Cresilon, Karin Calvino, RenewCO₂, and David Mackanic, Anthro Energy – share some of the biggest lessons they learned as they grew their businesses.

We conclude with an Early Career Chemist profile focused on Erin Joy Araneta, an author, nonprofit founder, and undergraduate researcher. Erin shares her passion about increasing intersectional environmentalism, diversity, equity, inclusion, and respect in chemistry.

John C. Katz
Executive Editor
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ACS BOSS TALK



Christine E. Heckle

Research Director
Inorganic Materials Research & Asia
Research Labs, Corning Research &
Development Corporation

Corning's Christine Heckle, Research Director, Inorganic Materials Research & Asia Research Labs, explains why the company introduced a new material for Apple's iPhone 12, why she thinks advances in materials science in the next 15 years will eclipse those from the last 15, and how a Wuhan-based Corning factory gave the company some valuable early information on how to manage the pandemic in its other global facilities.

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CAREER CORNER

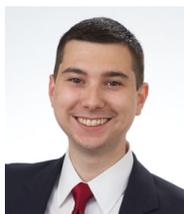


Andreea Argintaru

Principal Scientist
Axalta Coating Systems

A pivotal, commonly asked question is how to determine whether pursuing a PhD is a good career move. Four ACS Career Consultants share their thoughts and experiences on this complex matter. [Go to Article](#)

ENTREPRENEUR VIDEO



Joe Landolina

CEO & Co-Founder
Cresilon, Inc.

In our ACS Entrepreneur video series, three executives from start-ups – Joe Landolina, Cresilon, Karin Calvinho, RenewCO₂, and David Mackanic, Anthro Energy – share some of the biggest lessons they learned as they grew their businesses. [Go to Article](#)

EARLY CAREER CHEMIST

**Erin Joy Araneta**

Undergraduate Student Researcher
UC Irvine

Erin Joy Araneta, an author, nonprofit founder, and undergraduate researcher shares her passion about increasing intersectional environmentalism, diversity, equity, inclusion, and respect in chemistry. [Go to Article](#)

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Last chance – Register for a Virtual ACS Industry Career Day April 24!



VIRTUAL

ACS Industry Career Day

SATURDAY, APRIL 24
11 AM ET

Join experts for a FREE ACS Virtual Career Day for early-career chemists and students considering a career in industry on Saturday, April 24 at 11 am ET. Get career-boosting advice, learn about the career paths available in industry, and get your questions answered from an all-star panel of chemical industry professionals. [Register today!](#)

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Online event
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<http://chemicaladventuresconference.com>

Register to attend CVC 2021! Chemical Ventures Conference is happening virtually May 18 – 19. Join industry leaders, researchers, chemical start-ups, venture capitalists, and angel investors at the 2021 Chemical Ventures Conference. Learn more and sign up to get the latest updates. [Register today and invite others.](#)

Upcoming from ACS Webinars

Upcoming from ACS webinars

Today, 4/22, join us for a special Chemists Celebrate Earth Week webinar with Global Expertise Principal, Rich Helling of Dow, as he shares how great insights are possible with simple calculations. During this free interactive broadcast, discover how through employing life cycle thinking, we can better understand the compromises and trade-offs we all make towards a more sustainable world. This ACS Webinar is moderated by David Constable of the American Chemical Society and is co-produced with the ACS Green Chemistry Institute and the ACS Committee on Community Activities for the Chemists Celebrate Earth Week campaign. [Register for free!](#)

Did you miss a webinar or want to view one again? ACS members have exclusive access to our expansive library of recordings. Visit the [webinar archives](#) to catch up on the latest recordings.

Discover Cutting-Edge Science During MARM 2021 - Registration Open

[Register](#) to join chemistry professionals, educators, and students for the 2021 virtual [Middle Atlantic Regional Meeting](#) (MARM), June 9-12. Discover and share research, participate in live virtual discussions and networking opportunities during the virtual poster sessions, and enhance your career all from the comfort of your home. [Register](#) by April 28 to take advantage of the early registration rate!

Registration Now Open for GLRM 2021!

Registration for the [2021 Virtual Great Lakes Regional Meeting](#) (GLRM) is open! The virtual meeting will bring together chemists, students, and educators in a virtual format, including technical symposia, flash talks in place of poster presentations, workshops, a career fair, networking opportunities, and award ceremonies. Workshops and events for GLRM will begin as early as June 5 and ending June 10, while the Technical Program will take place June 6-9. [Register](#) by May 3 to take advantage of the early registration rate!

Support the Chemists of Tomorrow Through Your Donor Advised Fund

Now more than ever, amid the pandemic, ACS depends on [valued donors like you to help us adapt and serve](#) the scientists, students, and teachers who most depend on our programs. Elya Courtney, who was a 2016-2020 ACS Scholar at the University of Georgia, shares:

Without my ACS Scholars Program scholarship, I likely would have not been able to attend college to earn my BS in chemistry. I'm incredibly grateful to the program for enabling me to begin to explore the intersection of chemistry and public health. While working to complete my MPH in epidemiology in May 2021, I've been serving as a member of the Georgia Department of Public Health Coronavirus Task Force and making plans to pursue my PhD in epidemiology.

Today, an increasing number of donors are recommending grants to ACS programs through their Donor Advised Funds. Please visit <http://www.acs.org/DAF> today to learn more and access a tool that makes it easy to support our [mission](#) and empower the

chemists of tomorrow through your DAF. We are deeply grateful for your continued support!

ACS Career Consultant Virtual Office Hours TODAY



Advance your career on the fly! Join an upcoming Virtual Office Hours with ACS Career Consultants, every Thursday at 12 pm, ET, for casual small-group networking with fellow ACS members and convenient career advice. [Register for free!](#) Schedule a 1:1 session with an ACS Career Consultant for personalized answers about resume writing, video interviewing, optimizing your LinkedIn profile, and more. ACS Members only. [Find a Career Consultant](#) and schedule your free career consultation today!

ACS Science Talks Virtual Lectures



Join us for the [ACS Science Talks Virtual Lectures](#), discussions of scientific research and discoveries, career-focused learning and more! [Save your seat](#) for the upcoming lecture this week:

April 23 | 6:30-7:30 PM IST

Dye-Sensitized Electron Transfer

Speaker: **Prof. Gerald J. Meyer**

Professor of Chemistry and Vice-Chair for Diversity

UNC-Chapel Hill

Director, UNC EFRC

Alliance for Molecular Photoelectrode Design for Solar Fuels

Deputy Editor: ACS Applied Energy Materials

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