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# INDUSTRY MATTERS

#ACSIndustryMatters

Information, insights, and advice for ACS industry members

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November 4, 2021

*I suspect I'm like most of you in that I never heard of Nonesuch, Michigan. Mark Jones explains that Nonesuch has something to teach us as we transition from today's fuel-intensive world to a future that depends more on mining materials. The transition comes with its own environmental costs.*

*We provided ACS President H.N. Cheng with five questions on green chemistry, sustainability, and plastics – all areas of expertise for him. H.N. details reasons for optimism, and the challenges that await us as we seek to move to a world that's greener, more sustainable, and scarred with less plastic waste.*

*Ruth Wexler, a long-time medchem veteran who retired in the summer, applies her decades of experience to a number of important questions for the biopharma industry. Ruth is worth listening to for a host of reasons, one of which is she led a medicinal chemistry group responsible for TWO commercially successful cardiovascular drugs. As the saying goes, "That doesn't put her in a class by herself, but it doesn't take too long to call the roll."*

*ACS Career Consultant Andrea Alexander lays out a series of questions to ask yourself before applying for an internal position. Read her piece and you'll conclude there is more to this decision than you likely thought.*



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## COMMENTARY



**Mark E. Jones**

Mark Jones explains why a largely, long-forgotten place called Nonesuch, Michigan has current day lessons for us as we seek to transition from a fuel-intensive world, to one that is more materials-intensive. [Go to Article](#)

## 5 QUESTIONS WITH H.N. CHENG: SUSTAINABILITY



**H.N. Cheng**  
President, ACS

ACS President H.N. Cheng considers the future of green chemistry, sustainability, and plastics. He finds reasons for optimism, though he also knows there are significant challenges that will need to be overcome. [Go to Article](#)

## WHAT I LEARNED



**Ruth Wexler**  
Retired, Scientific Vice President, Bristol-Myers Squibb

Ruth Wexler, a long-time medchem veteran who retired in the summer, applies her decades of experience to a number of important issues for the biopharma industry. [Go to Article](#)

## CAREER PERSPECTIVES

**Andrea Alexander**

Technical Service and Development  
Manager, ShinEtsu Silicones of America,  
Inc.

ACS Career Consultant Andrea Alexander lays out a series of questions to ask yourself before applying for an internal position. Read her piece and you'll find out there is more to this decision than you likely thought.

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Nominations for the ACS Heroes of Chemistry Awards are open now through February 1! The Heroes of Chemistry Award is one of the highest honors ACS gives to industrial chemists, recognizing teams whose work and research led to the development of successfully commercialized products benefiting humankind.

Any private or publicly owned for-profit company may nominate a team of chemists or allied scientists who played a vital role in the research and development of a commercial product that has had an impact on the welfare and progress of humanity. Nominating companies may choose to include individuals from other companies, government or academic labs, incubators, or other organizations as members of the teams they nominate. Former and deceased employees are eligible to be included in the nomination. The company nominating the technology must be the current owner of the technology. Celebrate your company's hard work and success in innovation – [nominate today!](#)

Have questions? Email [ChemHero@acs.org](mailto:ChemHero@acs.org).

## ACS Virtual Office Hours



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The return to deep space flight and planetary exploration opens up new and exciting areas for materials research, as well as new challenges requiring pioneering new technologies. Join two NASA scientists as they discuss the cutting-edge research and development of advanced polymer material capabilities, such as those demonstrated by polymer aerogels and copoly (carbonate urethane) materials. [Register for free!](#)

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