

# The Detroit Chemist



March 2021

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## 2021 SKILLS BEYOND THE BENCH

### BALANCING A SCIENTIFIC LIFE

March 5, 2021, 12-1:30

**Micah Berry, PhD**

Biofeedstocks Production Manager, Fuels & Product Strategy, Chevron

**Jennifer Withington, MS**

Academic Advisor, Clonara School and Visiting Professor at Chamberlain College of Nursing

### GETTING YOUR GOALS WITH GRIT

March 12, 2021, 12-1:30

**Sibrina Collins, PhD**

Executive Director of the Marburger STEM Center, Lawrence Technological University

### REPRESENTATION IN CHEMISTRY

March 19, 2021, 12-1:30

**Cory Valente, PhD**

North America Inclusion, Diversity, & Employee Experience Leader, Dow

Register at  
[shorturl.at/bruvR](https://shorturl.at/bruvR)  
or using the QR code:



**ACS**  
Chemistry for Life®

AMERICAN CHEMICAL SOCIETY



**ACS** Local Section  
Detroit

Cassie Ward, Editor  
[ward@wayne.edu](mailto:ward@wayne.edu)



American Chemical Society – Detroit Local Section – Younger Chemists Committee Presents:

## Brewing Chemistry

Detroit, Michigan

Brewing Chemistry is a monthly lectures series. These informal talks are designed to make science fun and accessible for all.

**ATTENTION - This is a Zoom presentation!**

**You must pre-register to attend.\***

**To register, please contact**

**Meghann at [313.993.1259](tel:313.993.1259) or [meghann@brewingchemistry.com](mailto:meghann@brewingchemistry.com)**

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### **Tuesday, March 16th, 2021 at 7 PM**

## **Beyond DDT: Pesticides, Pollinators, and Population Declines**

**Presented by:** Erin Parker, Field Conservation Officer and Nature Centers Manager, Detroit Zoological Society

Peregrine falcons, once extirpated from states East of the Mississippi River, now routinely rear young in downtown Detroit. Bald Eagles, Ospreys, and many other birds of prey species have seen dramatic population increases since the banning of the insecticide DDT (dichloro-diphenyl-trichloroethane) across Europe and the United States in the early 1970s.

But many other groups of birds are currently seeing steep populations declines- is there a link to pesticide use? What can homeowners, community members, and lawn maintainers do to conserve birds, bats, and the 'bugs' that feed them all? How do biomagnification and bioaccumulation work (and, um, what do those terms mean, anyway?) We'll look at the research on chemicals in the environment and discuss how to support healthy backyard ecosystems so that we can all thrive together.

#### **About:**

Erin Parker is a former high school science teacher who maintains teaching licenses in Michigan and Wisconsin. She currently supports conservation and education for the Detroit Zoological Society at the Zoo and at the Belle Isle Nature Center. She is easily distracted by birds.

**[www.brewingchemistry.com](http://www.brewingchemistry.com)**

# Upcoming Events

DATE	PROGRAM	PRESENTER(S)	LOCATION	TIME
<b>MARCH 4<sup>TH</sup> – 7<sup>TH</sup> AND 10<sup>TH</sup></b>	Science and Engineering Fair of metro Detroit and Michigan	Various Presenters	Zoom	All day 4 <sup>th</sup> – 7 <sup>th</sup> and 9 am to 12 pm the 10 <sup>th</sup>
<b>MARCH 5<sup>TH</sup></b>	Skills Beyond the Bench	Micah Berry, Chevron & Jennifer Withington, Chamberlain College of Nursing	Zoom	12 – 1:30 pm
<b>MARCH 12<sup>TH</sup></b>	Skills Beyond the Bench	Sibrina Collins, Lawrence Tech. University	Zoom	12 – 1:30 pm
<b>MARCH 16<sup>TH</sup></b>	Brewing Chemistry: Beyond DDT: Pesticides, Pollinators, and Population Declines	Erin Parker, Detroit Zoology Society	Zoom	Presentation 7 pm
<b>MARCH 19<sup>TH</sup></b>	Skills Beyond the Bench	Cory Valente, Dow	Zoom	12 – 1:30 pm
<b>MARCH 27<sup>TH</sup></b>	Chemistry Olympiad Local Exam			
<b>NOVEMBER 4<sup>TH</sup></b>	Anachem	Various Speakers	Livonia, MI	TBD
<b>NOVEMBER 13<sup>TH</sup></b>	Girl Scouts Chemistry Day	Southeast Girl Scout Troops	TBD	TBD