

# 2020-2021 DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY UNDERGRADUATE AWARDS

## EXCELLENCE AWARDS

### Seniors

Bryan Kelleher

### Juniors

Peter Demjanenko  
Carlan Gray  
Emily Sipko

### Sophomores

Ella Milback  
Lindsay Moskal  
Serina Tressler

### Freshmen

Arian Hajihassani  
James Kelly  
Olivia Kohler

## BAYER SCHOOL SCHOLAR FELLOWS

Wrebekah Frederic  
Taylor Teitelbaum  
Serina Tressler  
Olivia Kohler  
Jahmaine Hatten

## CRABLE SCHOLAR FELLOWS

Hannah Weber  
Carlan Gray  
Kezia Jemison

## DEVERSE SCHOLAR FELLOWS

Bryan Kelleher  
Emily Sipko

## SOCIETY FOR ANALYTICAL CHEMISTS OF PITTSBURGH AWARD WINNER

Cheyenne Granger

## BAYER SCHOOL CERTIFICATE OF EXCELLENCE IN CHEMISTRY AND BIOCHEMISTRY

Lauren Bell  
Sidney D'Souza  
Bryan Kelleher

## SENIORS EARNING THE ACS ACCREDITED B.S. CHEMISTRY DEGREE

Lauren Bell  
Bryan Kelleher  
Hannah Weber

## HONORS AND SENIOR THESES

### Paige Aley

Highly Efficient Oxygen-Evolving  
Electrodes from Recycled Materials for  
Storing Renewable Energy Sustainably;  
mentored by Dr. Aaron Bloomfield

### Marianne Hanna

Efforts towards the Synthesis of  
Epibatidine and Exploring Nickel Catalysis  
in Allene Synthesis; mentored by Dr.  
Thomas Montgomery

### Bryan Kelleher

Investigating the Effects of G-  
quadruplexes on the Interactions between  
HNRNP K mRNA and microRNA 1249-  
3P; mentored by Dr. Rita Mihailescu

### Hannah Weber

Preventing Thrombus Formation on Left  
Ventricular Assist Devices; mentored by  
Dr. Ellen Gawalt