IOWA STATE UNIVERSITY
Department of Chemical and Biological Engineering

Class of

2020

Graduation & Recognition Program
May 8, 2020
Ethan Brown receives spring 2020 Lawrence E. Burkhart Memorial Award

Ethan Brown has been chosen as the Lawrence E. Burkhart Memorial Award recipient for Spring 2020. The honor is bestowed upon one graduating senior each semester, named Outstanding Senior Student in Chemical Engineering, with emphasis on scholastic performance. The recipient is selected by department faculty. Burkhart was a member of the department faculty from 1960-1988.

Brown is receiving his Bachelor of Science degree in chemical engineering after concluding his college academic career with a 4.0 grade point average and achieving the status of National Merit Finalist. He will graduate Summa Cum Laude.

While at Iowa State he was a member of Freshmen Council and was the treasurer of the Harwood House student residence group.

Ethan possesses a desire to help others and that was apparent when he worked in supplemental instruction at Iowa State, where he authored a course curriculum review and scheduled and conducted three instructional sessions per week. Off campus, Ethan has worked alongside medical personnel as an emergency department assistant at Avera McKenna Hospital in Sioux Falls, South Dakota.

In the summer of 2019 Ethan worked for CF Industries in Sergeant Bluff, Iowa as a process engineering intern. He modeled a newly-constructed ammonia production unit in PI ProcessBook, delivered reports of problems in valve sizing, pump bypass and water hammer, and coordinated with contractors on a large company project.

Ethan will attend the University of South Dakota medical school beginning in July, 2020, with a goal of working in family medicine. He extends thanks to his family, friends and God for helping him on his journey at Iowa State.

Laura Snyder nominated as college student marshal representing CBE

Graduating senior Laura Snyder was nominated as a senior marshal, as a representative of the top students in the Department of Chemical and Biological Engineering (CBE).

Snyder, who is from Dubuque, Iowa, earned distinction at Iowa State as a student with a cumulative GPA in the top 2% of her class each academic year since she enrolled in Fall 2016, and holds a cumulative grade point average of 3.99. She has also been inducted into the Tau Beta Pi Engineering Honor Society. She will graduate Summa Cum Laude.

She has served in numerous leadership roles as an undergraduate including treasurer of the Iowa State University student chapter of the American Institute of Chemical Engineers, Honors Student Board Events Committee Co-Leader and House Representative, and First Year Honors Program peer mentor. She has also volunteered with the Food Recovery Network.

Snyder completed four semesters of undergraduate research in CBE, including three semesters with Dr. Jean-Philippe Tessonnier and three semesters with Dr. Eric Cochran. Two semesters of Laura’s research with Dr. Tessonnier were completed through a Griswold Research Internship, and one semester as an honors research project. The highly competitive Griswold internships are awarded to students who demonstrate exceptional academic performance.

Dr. Tessonnier emphasized that Laura was very quickly able to work independently in the lab, and her work compared favorably with that of a second-year doctoral student in his research group. She will be a co-author on a research publication based upon her work, and is also a co-author on a research poster that is to be presented at the International Conference on Catalysis in San Diego, California.

Snyder completed a co-op work program at Encapsys, in Appleton, Wisconsin in research and development and an internship at Honeywell FMC-T in Kansas City, Missouri as a student engineer. She also worked in the Iowa State Office of Admissions as a Destination Iowa State leader. She received several chemical engineering scholarships during her time as an undergraduate.

After graduation she will work for Honeywell FMC-T in Kansas City.
Brittany Lende, senior speaker for CBE pre-commencement reception

Brittany Lende has been selected as the senior speaker for the Department of Chemical and Biological Engineering (CBE) pre-commencement reception, where she will address her fellow graduates. Lende, from Spirit Lake, Iowa, is completing attainment of her Bachelor of Science degree in chemical engineering, while also pursuing the Biomedical Engineering minor, with a 3.99 grade point average. She will graduate Summa Cum Laude.

She also excelled in working with many student- and department-related groups during her undergraduate years. She was a member of the Iowa State University Cyclone Football Varsity Marching Band all four years at Iowa State, playing the alto saxophone, and served as a rank guide her last two years. Brittany was a member of the Iowa State chapter of the American Institute of Chemical Engineers and the Tau Beta Pi Engineering Honor Society. She was a member of Cy's Gluten Free Club, where she served as treasurer for two years, and was part of the Friley Palmer House Cabinet, where she was vice president and president.

She was on the ISU Dean's List from fall semester of 2016-fall semester 2019.

She began working as an engineer with an internship in 2018 at Pure Fishing in Spirit Lake, Iowa in 2018, where she worked with data, developed a mathematical model for use in development of a bait product, investigated issues in bait manufacturing processes and designed and conducted a study involving hook corrosion.

In 2019 Brittany worked as a production intern at Cambrex in Charles City, Iowa, where just some of her activities included designing a chemical hygiene training program for engineers and operators, optimizing two distillation processes and working with batch records, supplements, protocols and reports.

In the CBE department Brittany was an undergraduate research assistant with the research group of Dr. Kaitlin Bratlie, where she learned about various cell types and cell cultures used in the treatment of diseases through targeted drug delivery.

Brittany has been selected to the graduate program at the Massachusetts Institute of Technology, where she will pursue a Ph.D. in chemical engineering.
Bachelor’s degrees conferred in Chemical Engineering

Afina Syaurah Binti A Aziz
Cum Laude

Mohamed Seddik Abdennadher
Magna Cum Laude

Stephen Terrance Adams

Sparsh Agarwal
Summa Cum Laude and Honors Program

Mohammad A. M. B. Albloushi
Enrique Anglarill Matamoros
Amira Syuhada Binti Anuar Sallehuddin
Nicholas J. Bailey
Steven Michael Baldwin
Kayla Louise Besthoff
Cum Laude

Nicholas Allen Bloome
Lauren Marie Bockhaus
Alexandrea Marie Bragdon
Justin Tyler Bright
Ethan David Brown
Summa Cum Laude

Weile Dai
Magna Cum Laude

Christopher Alan Debondt
Calvin Scott Duhachek
Emily Elisabeth Edwards
Magna Cum Laude

Jacob Allan Ernste
Cum Laude

Mustafa A. Farahat
Charles Everett Forney
Nathan Alexis Fuentes

Adam Fuerst
Chloe Suzann Gossling
Cum Laude

Ashley L. Harris
Cum Laude and Honors Program

Marlyn Jazmin Herrera
Trang T. Hoang
Magna Cum Laude

Brett Michael Hostert
Clay Wesley Hugen
Cum Laude

Grant E. Johnson
Summa Cum Laude

Ethan John Kluesner
Cum Laude

Samuel John Kramer
Magna Cum Laude

James Raymond Lanasa
Denver Jay Landers
John William Lavey
Magna Cum Laude

Brittany Ann Lende
Summa Cum Laude

Jonathan Walter Levay
Cum Laude

Michael L. Lezon
Ryan Christopher Lia
Alexander Dimitri Majors

Emily Marie Matts
Cum Laude

Germaine Gautier Mboui-Ndoutoume

Wesley Scott Metcalfe
Cum Laude

Randy Joe Metz
Emma Michel Mitchell
Karim Mohamed
Jong Ho Moon
Zachary Dale Moritz
Matthew R. Munkelwitz
Jarrett Foster Nisley
Urvi Atul Pai
Magna Cum Laude

Tyler Vincent Pasut
Cum Laude and Honors Program

Luke Michael Pater
Nicholas Andrew Piento
Dakota E. Polhemus
Emad Khaled Qamhieh
Brittney Marie Reding
Summa Cum Laude

Brennen Lee Reynolds
Magna Cum Laude

Nathan Edward Rider
Summa Cum Laude

Christopher James Roegner
William Robert Roling
Alex Michael Roop
Mithun Saha
Cody David Schooler
Kara Sims
Drew Marcus Smith
Cum Laude

Evan Michael Snawerdt
Cum Laude
Bachelor’s degrees conferred in Chemical Engineering

Laura Marie Snyder  
*Summa Cum Laude and Honors Program*

Lina Ann-Marie Somsaath  
*Cum Laude*

Magellan Sloat Southwick  
Austin Jeffrey Sympson  
Matthew J. Tromp

Mitchell C. Vanderveen  
Keith Lawrence Weincouff  
Michael Paul Zembrzuski

Summer 2020 Bachelor’s degrees to be conferred in Chemical Engineering

Shelby Lynn Baker  
Kari Rose Beine  
*Magna Cum Laude*

Dillon Hewitt Allen Bidjou  
Jonah William Brown  
Ethan Joseph Dunn  
*Magna Cum Laude*

Sidney Suzette Eibes  
Cameron Kenneth Greenwalt  
*Cum Laude*

Alex Bradley Lewis  
*Tanner Joseph Sorsen*

Laura Kristin Studanski  
*Cum Laude*

Thrivignya Yedlapalli