

**2021**

**22**

**2022**

# **Awards Colloquium**

**April 26th  
3:30pm  
301 VAN**

**IOWA**

---

**Department of  
Physics & Astronomy**

# 2021-2022 GRADUATING STUDENTS

---

## Graduating Seniors - December 2021

---

**Chrissie N. Cruz**, B.S. Applied Physics

**Mitchell Strange**, B.A. Physics

## Graduating Seniors - May 2022

---

**Taylor M. Carstens**, B.A. Physics

**Mingzhu Cui**, B.S. Physics

**Andrew L. DeGonia**, B.A. Physics

**Cole J. Dorman**, B.S. Physics (Distinction), Astronomy, & Minor in Mathematics  
Graduate School - University of Michigan

**Joshua Doucette**, B.S. Physics, Mathematics, & Minor in Computer Science

**Maxwell R. Herrmann**, B.S. Physics & Mathematics (Highest Distinction)  
Graduate School - University of Colorado Boulder

**Brian M. Linder**, B.A. Astronomy

**John C. Momberg**, B.S. Physics & Astronomy

**Aaron W. Mueller**, B.S. Physics & Mathematics

**Salvatore Quaid**, B.S. Physics (Distinction) & Mathematics; University Honors  
Graduate School - University of Iowa

**Samantha M. Watkins**, B.S. Physics

Pursuing employment as an Actuary or Data Scientist

**Laura Weiler**, B.S. Physics (Distinction) & Computer Science

Pursuing Ph.D. in Chemistry

## Graduate Students - December 2021

---

**David J. Bernstein**, Ph.D. Physics

**Cassandra L. Bogh**, Ph.D. Physics

**Tyler C. Grover**, M.S. Physics ~Ph.D. Physics at University of Iowa

**Sameer Patel**, M.S. Physics

**Austin H. Reaves**, M.S. Physics

**Joseph R. Sink**, M.S. Physics ~ Ph.D. Physics at University of Iowa

## Graduate Students - May 2022

---

**Evan E. Abbuhl**, Ph.D. Physics

**Sanjay Chepuri**, M.S. Physics

**Arran Gross**, Ph.D. Physics (Astronomy)

**Sean J. Gunderson**, M.S. Astronomy ~Ph.D. Physics (Astronomy) at University of Iowa

**Kwangyul Hu**, Ph.D. Physics

**Brady Martin**, M.S. Physics ~ Ph.D. Physics at University of Iowa

**Andrew J. McCubbin**, Ph.D. Physics

**Dylan Paré**, Ph.D. Physics

**Joshua L. Steffen**, Ph.D. Physics (Astronomy)

**Ashok Tiwari**, Ph.D. Physics ~ Postdoctoral position at University of Iowa; Department of Radiology

## Graduates - July 2022

---

**Brandon M. Bergerud**, Ph.D. Physics

**Collin R. Brown**, M.S. Physics

**Jonathan M. Sullivan-Wood**, M.S. Physics



## Undergraduate Awards

### **Brian D. Strayer & Richard L. Rairden Scholarship in Physics**

Andrew Milne (renewal)

### **James A. Van Allen Award**

Joshua D. Doucette  
Maxwell R. Herrmann  
Laura Weiler

### **Myrtle K. Maier Scholarship**

Melissa Peters (renewal)  
Juliana Karl

### **Undergraduate Scholar Award**

Cole J. Dorman  
John C. Momberg  
Salvatore Quaid

### **Waldo Edward & Martha Althaus Smith Memorial Award**

Zach Vig

### **John & Elsie Mae Ferentz Research Fund**

Will Golay  
Salvatore Quaid

### **Andrew Nelson Undergraduate Research Prize**

Zachary Vig  
Hank Hammer

### **Dare to Discover**

Joshua Doucette  
Laura Weiler

### **Charles A. Wert Scholarship**

Mary Haag  
Avi Kaufman

### **James A. Van Allen Research**

Jacob Andrews  
Thomas Bruner

## Graduate Awards

### **G. William Pfeiffer & Marilyn M. Maltby Scholarship**

Jacob Fruchtman

### **Goertz/Nicholson Memorial Scholarship**

Sean Gunderson

### **John & Stacey Wahl Scholarship**

Samantha Watkins\*

### **Pfeiffer Family Scholarship**

Cecilia Fasano

### **Outstanding Teaching Assistant Award**

Arran Gross

### **NASA Space Technology Graduate Research Opportunities Fellowship**

Jared Termini

### **Ballard & Seashore Dissertation Fellowship**

Ashok Tiwari

### **Universities Research Association Award**

Ohannes Kamer Koseyan

### **Iowa Space Grant Consortium Fellowship**

Cecilia Fasano

### **Outstanding Service to the Graduate Program Award**

Cecilia Fasano  
Arran Gross

# AWARDS PRESENTATIONS

## Staff Awards

### **Hancher-Finkbine Medallion**

Kathy Kurth

### **Mary Louise Kelley Staff Excellence Award**

Chris Piker

### **Mary Jo Small Staff Fellowship Award**

Dale Stille

### **Longevity Awards**

Kathy Kurth - 45 Years of Service  
Dale Stille - 35 Years of Service  
Joseph Groene - 30 Years of Service  
Jeremy Faden - 25 Years of Service  
Scott Bounds - 20 Years of Service  
Ianos Schmidt - 20 Years of Service

## PostDoc Awards

### **URA Visiting Scholar**

Dr. Kenneth Heitritter

### **Post-Doctoral Research Scholar/Fellow Excellence Award**

Dr. Rachael Filwett

## Faculty Awards

### **OVPR Scholar of the Year Award**

Professor Greg Howes

### **CLAS Collegiate Scholar Award**

Professor Jasper Halekas

### **CLAS Dean's Scholar Award**

Professor Allison Jaynes

### **IEEE Magnetics Society 2022 Distinguished Lecturer**

Professor Michael Flatté



## **Faculty Promotions**

---

**Gregory Howes** - Promotion to Full Professor

**Jasper Halekas** - Promotion to Full Professor

**Allison Jaynes** - Promotion to Associate Professor with Tenure

## **Undergraduate Presentations**

---

**Cole Dorman**

"The Development of the MAGIC Manetic Screening Apparatus"

**Salvatory Quaid**

"Geodesics in Thomas-Whitehead Projective Gravity"

**Laura Weiler**

"CCSD-FS-GPR: a method for reducing finite size error in periodic coupled cluster theory for metals"

# **Congrats!**

---

## **2022 Awards**

## **Colloquium**