## Schedule

- Recognition of Graduates
- Recognition of Award Recipients
- Student Presentations

## 2022-2023 Graduating Seniors

(Graduating Spring 2023 unless noted)

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree(s)</th>
</tr>
</thead>
</table>
| Alex Apple    | B.S. Applied Physics
|               | *Electronic Warfare Engineer, SRC Inc., Syracuse, NY*                     |
| Thom Bruner   | B.A. Physics
|               | B.A. Philosophy                                                           |
| Susanne Byrd  | B.S. Physics
|               | B.S. Astronomy                                                            |
| Olivia Catlette| B.S. Physics
|               | B.S. Astronomy                                                            |
| Daniel Funke  | B.A. Physics
| Will Golay    | B.S. Astronomy (University Honors, Honors in the Department)
|               | B.S. Physics (University Honors)                                          |
|               | *Pursuing a Ph.D. in Astronomy & Astrophysics, Harvard University*        |
| Hank Hammer   | B.S. Physics (Highest Distinction, Honors in the Department)
|               | B.S. Mathematics (Highest Distinction)
|               | *Pursuing a Ph.D. in Physics (Condensed Matter), University of Iowa*      |
| John Horne    | B.S. Physics (Distinction)
|               | B.S. Astronomy (Distinction)
|               | B.S. Mathematics (Distinction)
|               | *Pursuing a Ph.D. in Physics, Utah State University*                      |
| Kyle Junkunc  | B.S. Astronomy
|               | B.S. Physics
|               | Minor in Communication Studies                                           |
|               | *Pursuing a Data Analysis position*                                       |
| Evan Knipper  | B.S. Physics
|               | Minor in Computer Science
|               | Minor in Mathematics
Tristan McMillan  
B.S. Physics  
B.A. Chemistry

Siddharth Nandanwar  
B.S. Physics (High Distinction, Honors in the Department)  
Minor in Mathematics  
Pursuing a Ph.D. in Physics (Condensed Matter), Boston College

Mel Peters  
B.S. Physics  
B.S. Mathematics  
Working in Electrical Design (R&D)

Nathan Torvik  
B.S. Physics

Zach Vig  
B.S. Physics (Highest Distinction, University Honors)  
B.S. Geoscience (Highest Distinction, University Honors, Honors in the Department)  
Pursuing a Ph.D. in Planetary Geology, University of Maryland

2022-2023 Advanced Degrees  
(Graduating Spring 2023 unless noted)

Zoe Bellis  
M.S. Astronomy

Sarah Conley  
Ph.D. Physics  
NSF Postdoctoral Fellowship, Princeton University

Connor Feltman  
M.S. Physics  
(Fall 2022)  
Pursuing a Ph.D., University of Iowa

Jaya Joseph  
M.S. Astronomy  
Pursuing a Ph.D., University of Iowa

Robert Q.L. Maxton  
M.S. Physics  
Pursuing a Ph.D., University of Iowa

Jacob McLaughlin  
M.S. Physics  
Pursuing a Ph.D., University of Iowa

David Montealegre  
Ph.D. Physics  
(Fall 2022)  
Postdoctoral Researcher, University of Illinois Urbana-Champaign

Raaman Nair  
M.S. Astronomy  
(Fall 2022)  
Pursuing a Ph.D., University of Iowa

Daniel Robert Simons  
Ph.D. Physics

Joseph Sink  
Ph.D. Physics  
(Fall 2022)  
Postdoctoral Researcher, University of Iowa

Riley Troyer  
Ph.D. Physics  
Researcher, Space Dynamics Laboratory, Albuquerque, New Mexico

Vitaliy Zhuravlyov  
M.S. Physics  
Pursuing a Ph.D., University of Iowa

2022-2023 Undergraduate Awards

Brian D. Strayer and Richard L. Rairden Scholarship in Physics

Recipient:  Arissa Khan
Renewal:  Andrew Milne

James A. Van Allen Award

Recipients:  Hank Hammer, Zach Vig, Siddharth Nandanwar

Barry Goldwater Scholar

Recipient:  Jeff Leiberton
Myrtle K. Maier Scholarship
Recipient: Emerson Peters

Distinguished Achievement Award
Recipient: Mel Peters

Distinguished Service Award
Recipients: Will Golay, Jeff Leiberton

Undergraduate Scholar Award
Recipients: Susanne Byrd, Will Golay, John Horne

Van Allen Research Grant
Recipient: Stephon Berry, Susanne Byrd, Will Meiners, Aditya Venkatesh

Shoemaker-Strickler Scholarship
Recipient: Will Parker

Iowa Space Grant Consortium Research Scholarship

Andrew Nelson Undergraduate Poster Prize
Recipients: Jacob Andrews, Aden Hageman

Charles A. Wert Scholarship
Recipient: Aditya Desai, Owen Fiedorowicz, Kyle Junkunc, Alexander Kay, Jeff Leiberton, Jonathan Percy

Phi Beta Kappa
Members: Aditya Desai, John Horne, Philippe Jay, Jeff Leiberton, Siddarth Nandanwar, Brandon Stephanie

2022-2023 Graduate Student Awards

G. William Pfeiffer and Marilyn M. Maltby Scholarship
Recipient: Jared Termini
Renewal: Cecilia Fasano

Goertz/Nicholson Memorial Scholarship
Recipient: Sanjay Chepuri

John and Stacey Wall Scholarship
Recipient: David Fehr

Pfeiffer Family Scholarship
Renewal: Sarah Henderson

Outstanding Teaching Assistant Award
Recipient: Sean Gunderson

Iowa Space Grant Consortium Graduate Fellowships
Recipients: Kenny Buffo, David Fehr, Kenton Greene, Sarah Henderson, Kristie Nault

M. Hildred Blewett Fellowship
Recipient: Kristie Nault

Ballard and Seashore Dissertation Fellowship
Recipients: Daniel Robert Simons, Dustin Swarm

NASA Space Technology Graduate Research Opportunity
Recipient: Jared Termini
Pierazzo International Student Travel Award
Recipient: **Sarah Henderson**

NASA/JPL Astrophysics Design School
Recipient: **Jacob Payne**

CLAS Dissertation Writing Fellowship
Recipient: **Sean Gunderson**

Honorable Mention, AAS High Energy Astrophysics Best Student Poster Presentation
Recipient: **Kenny Buffo**

Top Downloaded Paper, Wiley Journal of Geophysical Research: Space Physics
Recipient: **Riley Troyer**

Top Paper and Editor’s Pick, Physics of Plasmas
Recipient: **Sarah Conley**

---

**2022-2023 Staff Awards**

Mary Louise Kelley Professional Development Award
Recipient: **Dale Stille**

Staff Council Members

**Brad Carson**
CLAS Organization Representative
CLAS Staff Council (UI Staff Council Liaison)
UI Staff Council (Communications Committee)

**Richard Dvorsky**
Engineering, Architecture and Facilities Management Function Representative
UI Staff Council (Awards Committee, HR Committee)

**Zachary Girazian**
Research, Scientific Services Function Representative
UI Staff Council (Community Outreach Committee)

**Darelle Wilkinson**
Research, Scientific Services Function Representative
UI Staff Council (DEI Committee, Education Committee)

---

**2022-2023 Postdoc Awards**

D.C. Spriestersbach Dissertation Prize
Recipient: **Stephen McMillan, Ph.D.**

International Travel Award
Recipient: **David Hartley, Ph.D.**

Top Downloaded Paper, Wiley Journal of Geophysical Research: Space Physics
Recipient: **Arya Afshari, Ph.D.**

---

**2022-2023 Faculty Awards**

CLAS Collegiate Scholar Award
Recipient: **Professor Jasper Halekas**

CLAS Dean’s Scholar Award
Recipient: **Professor Allison Jaynes**
Harriet and Harold Brady Chair in Laser Physics
Recipient: **Professor Frederick Skiff**

American Physical Society Fellow
Recipient: **Professor Craig Kletzing**

Iowa Innovators of the Year
Recipients: **Professor John Prineas & Professor Fatima Toor**

Lev D. Landau and Lyman Spitzer Jr. Award
Recipient: **Professor Gregory Howes**

OVPR Early Career Scholars Award
Recipient: **Professor Ravitej Uppu**

Outstanding Referee, APS Physical Review Journals
Recipient: **Professor Mary Hall Reno**

---

**2022-2023 Faculty Promotions**

**David Miles**
Promotion to Associate Professor with Tenure

---

**Student Presentations**

**Will Golay**
“The Iowa Robotic Observatory and the MACRO Consortium”
Faculty Mentor: **Robert Mutel, professor emeritus**

---

**Hank Hammer**
“Effect of Core Geometry on Spatial-encoded Quantum Information Transfer via a Multimode Fiber”
Faculty Mentor: **Professor Ravitej Uppu**

---

**Siddharth Nandanwar**
“Low-temperature infrared characterization of anisotropic van der Waals heterostructures”
Faculty Mentor: **Professor Thomas Folland**

---

Additional funding by provided by the Larry D. Travis Fund and the Physics and Astronomy Gift Fund from the University of Iowa Foundation

---