

Commencement

SPRING SEMESTER 2022



COLLEGE OF INFORMATION SCIENCES AND TECHNOLOGY

Saturday, May 7, 2022

Pegula Ice Arena

9:00 a.m.



PennState



National Anthem

by Francis Scott Key

O say, can you see, by the dawn's early light,
What so proudly we hailed at the twilight's last gleaming;
Whose broad stripes and bright stars, thro' the perilous fight,
O'er the ramparts we watched, were so gallantly streaming?
And the rockets' red glare, the bombs bursting in air
Gave proof thro' the night that our flag was still there.
O say, does that Star-Spangled Banner yet wave
O'er the land of the free and the home of the brave!

Alma Mater

by Fred Lewis Pattee

For the glory of old State,
For her founders, strong and great,
For the future that we wait,
Raise the song, raise the song,

Sing our love and loyalty,
Sing our hopes that, bright and free,
Rest, O Mother dear, with thee.
All with thee, all with thee.

When we stood at childhood's gate,
Shapeless in the hands of fate,
Thou didst mold us, dear old State,
Dear old State, dear old State.

May no act of ours bring shame
To one heart that loves thy name,
May our lives but swell thy fame,
Dear old State, dear old State!



PennState
College of Information
Sciences and Technology

Commencement

SPRING SEMESTER 2022

Associate and Baccalaureate Degrees
Saturday, May 7, 2022

MESSAGE FROM THE DEAN

Congratulations! Earning your Penn State degree marks a wonderful milestone in your educational journey, and we join you and your loved ones in celebrating all that you've accomplished.

Commencement is a special occasion for the entire University community. It is a time for proud reflection on your success and hopeful enthusiasm for the opportunities that await. Most importantly, it is a joyous celebration to recognize all that you have achieved and the challenges you have overcome to get to today.

Your College of IST degree demonstrates that you are prepared to become a versatile leader for the Information Age—someone who is equipped with the technical knowledge and interpersonal skills that employers need and who is committed

to affecting positive change. You've worked hard to earn this distinction, and as every sector of industry requires the skills of an IST graduate, you'll soon find you are well positioned for success in any number of careers.

As you take your next steps, remember to stay connected with your peers, the College of IST, and Penn State. Alumni play a critical role in IST's present and future, and we hope your connection to our college continues to grow. No matter where you go, we know you'll go far.

On behalf of the faculty, staff, and alumni in the College of IST—congratulations, best wishes, and stay in touch!

Andrew Sears, dean
College of Information Sciences and Technology

PROGRAM

Academic Processional

Performed by Centre Bass

National Anthem

Led by Katrina Cole

College of Arts and Architecture

The audience is asked to join in the singing.

Presiding

Eric J. Barron, B.S., M.S., Ph.D.

President of The Pennsylvania State University

Andrew Sears, B.S., Ph.D.

Dean, College of Information Sciences and Technology

Commencement Address

Chandra McMahon, B.S., M.S.

Senior Vice President, Chief Information Security Officer

CVS Health

Authorization to Confer Degrees

Steven B. Wagman, B.S.

Penn State Board of Trustees

Recognition of Meritorious Achievement

Jeffrey Bardzell, B.S., M.S., Ph.D.

Associate Dean, Undergraduate and Graduate Studies

College of Information Sciences and Technology

Recognition of Student Marshal

Jeffrey Bardzell

Recognition of Military Commissions

Commander John Kerr

Executive Officer Naval ROTC

Recognition of ROTC Student Marshal

Commander John Kerr

Conferral of Degrees

President Eric J. Barron

Induction into Alumni Association

Luke Simonetti, B.S.

President, IST Alumni Society

Penn State Alma Mater

Led by Katrina Cole

The audience is asked to join in the singing.

Recessional

The audience is asked to remain seated.

University Marshal-in-Charge

R. Allen Kimel, B.S., M.S., Ph.D.

College of Earth and Mineral Sciences

College Marshal-in-Charge

Rosalie J. Ocker, A.B., M.B.A., Ph.D.

Teaching Professor, College of Information Sciences and Technology

Nomenclator

Erica Fleming, B.A., M.A.

Assistant Director, Teaching and Learning

College of Information Sciences and Technology

DISTINCTION

Distinction is conferred on graduates who have completed the required number of credits at the University and who are in the top 12 percent of their graduating class in their college. The 12 percent is divided into:

2 percent "Summa Cum Laude (+++)"

4 percent "Magna Cum Laude (++)"

6 percent "Cum Laude (+)"

Additional distinctions noted in the program include:

Schreyer Scholar (§), Student Marshal (¶), ROTC (‡)

PLEASE NOTE

This program contains the list of candidates for graduation as of March 21, 2022. Students who indicated their intent to graduate after that production date are not listed.

Subject to completion of all degree requirements, degrees will be conferred as indicated upon the individuals listed herein and upon such others as may meet the requirements.

If you have questions about your name, degree, or distinction listed in this program, please reach out to IST Advising Services (las151@psu.edu).

Commencement

SPRING SEMESTER 2022

STUDENT MARSHALS



Kaitlyn Bridge

Representing the College of Information Sciences and Technology is student marshal Kaitlyn Bridge. She is from River Edge, New Jersey, and the daughter of Marie and James Bridge.

Kaitlyn is a Schreyer Honors Scholar graduating summa cum laude with dual bachelor's degrees in information sciences and technology and communication arts and sciences.

She has won multiple awards during her time at Penn State, including the University Park Four-Year Provost Award, the President's Freshman Award, the President Sparks Award, the Frymoyer Honors Scholarship, and the Evan Pugh Scholar Award. She was involved in numerous extracurricular activities, including the Association for Women in Computing, IST Diplomats, and THON; studied abroad in London and Dublin; and was involved in orientation and diversity, equity, and inclusion programs at Schreyer Honors College, and as a learning assistant at the College of IST.

Kaitlyn will begin her professional career as a software developer with IBM Systems Z in Poughkeepsie, New York, after completing three internships with the company.



Gunnery Sergeant Charles Hickey

Representing Penn State's Naval ROTC is U.S. Marine Corps. Gunnery Sergeant Charles Hickey, who is earning a degree in security and risk analysis.

Raised in Bedford, Pennsylvania, Hickey enlisted in the Marine Corps in May 2008 where he started his career with 3rd Battalion 6th Marines, deploying twice to Afghanistan in support of Operation Enduring Freedom. He served as a drill instructor training recruits, then completed two more deployments in Japan, Australia and South Korea.

In 2017, Hickey was selected to serve as the Assisted Marine Officer Instructor at Penn State. Midway through that assignment, he was selected for an enlisted to officer commissioning program, enabling him to focus on completing his degree full time.

Hickey's personal military awards include the Navy and Marine Corps Commendation Medal, Navy and Marine Corps Achievement Medal with two gold stars in lieu of third award, and the Combat Action Ribbon. His academic awards include the Evan Pugh Scholar Award.

He is married to Denielle Hickey, and they have three children: Ella, Sawyer, and Miles.

Associate and Baccalaureate Degree Recipients

Associate of Science Information Sciences and Technology

Mandie Argenziano
Madison Clark
Colleen Cunningham
James Edgar
Brahim Essaouabi
Stephen Frey
Gabriel Higbee
Ryan Hogan
Corey Keister
Norma Martelli
Rebecca Reyes
Johnny Work Jr.
Erik Zamperini +

Bachelor of Science Cybersecurity Analytics and Operations

Jackson Ambrovich +
Mario Amitrano
Campbell Baker
Nirali Bakshi
Camilla Beaderman
Kendal Beaty
Colin Bowers
Jacob Braun
Tanner Brooks
Adler Brown
Austin Brown
Jacob Brown
Nicholas Brusko
Fabian Bryan
Jack Bush
Jared Butterfield +++
Jordan Capuani
Katie Cardella
Brandon Carpenter ‡
Wesley Casey
Cameron Cauble
Nicholas Celeste
Wei Chen
Ryan Costello
Alessandro Coto
Akash Damle ‡
Richard Davis
Brandon Dawkin
Bhavya Devarsu
Lucas Devine

Michael Dimond
Payton Dulong
Rahul Emani § +
Jennifer Foley
Ryan Gillis ++
Ethan Goldman
Jennifer Gomez
Ephraim Govere § +
James Graham Jr.
Devlin Grelle
Steven Guest
Steven Hansen +++
Alec Hockenberry
Cydney Howard +
John Hughes
Matthew Jablonski
James Jardine
Michael Jasper § ++
Rishab Katti
Evan Kennedy
Rian Khan
Joshua Kopasko ++
Nicholas Kutufaris
Joshua Alden Lapitan
Katherine Latter
Max Lauffer
Antonio Bernard Lazzaro
Britani Lingafelt § +++
Ethan Liu
Zachariah Malinich
Michael Mandia
Matthew Martino
Chase Matthews
Jose Mayor
Michaela Mazis ++
Jacob McCarthy
Alec McConaughy
Patrick McGonagle
Jake McMahon
Anastasia Mikropoulos
Justin Milchak
Wilson Miller
Daniel Mitchell
Michael Nyland +
Olivia Olchowoj
Andrew Parker
Nathan Parker
Deep Patel
Robert Phillips
Eileen Pi § +

Alec Prasinios
Garrett Pumilia
Clarissa Pun
Matthew Rand
Tanner Reed
Jared Rubin
Joshua Rupert
Eugene Ryoo § +
Gabriella Samra
Olivia Saylor +
Connor Scholl
Jonah Schriver
Keith Shearer +
Owen Shields
Jack Onandia Smith
Caroline Sparrow
Ian Sproat +
Jason Stanski +
Robert Stoffa Jr. ++
Dalton Stone
Austin Surratt
Eric Talanca
Nicholas Telles
Alex Terody
Andrew Theiller
Justin Tovar
Emily Treesh-Colon
Timothy Truong
Madison Ulrich +
Aaron Villegas
Justin Wolf
Austin Yeager +
Travis Younker
Alexandra Yukish § +
Zane Zellhart
Jameswell Zhang

Bachelor of Science Data Sciences

Jason Abu
David Aguiles
Yichen An
Rachel Bosko
Jared Cao
Nathaniel Carson
Abigail Crilley
Benjamin Cruciani
Allison Denenberg § ++
Vaishali Devarakonda § ++
Ismael Diaz Sandoval

Jiarui Fan ++
Michael Fanelli § ++
Weijia Fang
Abhishek Ganta
Douglas Gardener
Vaibhav Gupta
Josiah Guy
Arwa Hararwala § ++
Nicholas Hatzenbeller
Jiaru He
Kingston Hu
Lily Jakielaszek +++
Nitin Jenson
Pranav Keshav
Chae Won Lee
Meihua Li
Kedi Lin
Jiajian Liu
Ryan Loscalzo +
Yiwei Lu
Yue Lu +
Colby Petelinkar
Sarah Petro
Sean Rendar
Adam Seiff
Jessica Strait § ++
Jingyu Wang
Haichen Wei
Macklin Yarris
Eric Zhu

Bachelor of Science Enterprise Technology Integration

Christopher Dum Jr.
Mia Park
Bailey Rumford

Bachelor of Science Human-Centered Design and Development

Francesca Ansell +
Julia Barbosa Cardoso De Melo
Joshua Canale
Felix Dadebo
Noelle Fajt +++
Julie Ho
James Kane IV +++
Kunlong Li
Elizabeth Meier

Ahmed Meko ++
Carrigan Morabito
Sophia Novak
Jason Nucciarone +
Jarrod Padilla
Bailey Pardee +
Damian Pfaff
Ellen Poplavska
Neil Porterfield
Karina San Roman
Jordan Scott
Dylan Tellei
Kelvin Trang ++
Matthew Ullrich
Michael Wagner

Bachelor of Science Information Sciences and Technology

Mohammed Alshwikhat
Anthony Avella
Ethan Balcik § ++
Lyla Barakat
Shounak Barat
Dominick Barone
Ayjah Belt
Jeffrey Benson
Mitchell Bentley
Sarah Berryman
Nathaniel Blasco
Liam Boston +
Walton Boyd
Kaitlyn Bridge ◻ +++
Sean Brill
Aiden Brook
John Buckley
Brooke Buehler
Andrew Burger +
Kathleen Byrd ++
John Cherundolo
Susan Chin
Jenny Chou
Dylan Claytor
Allison Cline
Nicole Cooney
Nicholas De Sanno
Robert DePasquale
Dominic DeRosa
Pooja DebRoy
Elizabeth Delor

Joseph Downey ++
Alexander Duhig
Natalie Dwyer
Kimberly Estrella
Joshua Faber
Olivia Fagan
Zachary Falenski
John Forcina
Kyle Friel
Joshua Gagne +
Daniel Gallagher
Enkhjin Ganbold
Itgelt Gankhuyag
Othman Gbadamassi
Julian Giannetti
Ryan Gorman-Caravello
Christopher Greer
Joseph Gringeri
Ronald Guittar
Deanna Haas
Hailey Hahn
Baba Haidara
Eric Halpern
Tabitha Haripaul
Nicholas Harris
Michael Hayden
Carl Hill ‡
James Holminski
Matthew Howe
Yuan-Hao Hsu
Birpaul Janjua
Yifei Jiang
Yuetong Kang
Raed Katib Sr. § +++
Justin Kelly
Eunha Kim
Liam Kirkland
Hannah Kitchell
Collin Kluttz
Breydon Kramer
William Kranich
Austin Kurian
Evan Law
Yoon Sang Lee
Peyton Leineweber
Jiahao Li
Shih Hsun Lin
Izaak Lustgarten Israel
Qiaoqiao Ma ++
Naren Mathawan

Matthew McFadden
Alexa McInville +++
Christopher McLafferty +
Sean McSweeney
Ryan Milici
Alisha Moment
William Morris VI ++
Khory Mull
Grace Murphy ‡ § +
Cedia Nathan
Samuel O'Bryan
Daniel O'Donnell
Levi O'Neill ++
Andrew Pacheco
Francesco Palmeri III
Grace Quinn
Ashad Rathod
Joseph Raymond +
Dalton Ream
David Reggio ++
Connor Reidy
Colleen Reilly
Christopher Robey
Jaden Roland
Drew Ronk +++
Kyle Scholl
Dominic Serine
Lisa Shah
Kyle Sharp
Eric Shaw
Zachary Shiflett ++
Bhavya Sinojia
Sapna Sitapara
Delaney Smith ++
Gursehaj Sodhi
Cameron Sotoodeh +
Colton Sparvero
Alaina Strife
Nina Sudheesh
Carly Swenson
Zilong Tang
William Toner +
Amoriah Tremko
Joseph Tumwebaze
Lizette Urrutia
Alice Vaynblat
Jerbert Verzosa
Kristy Wang
Jonathan Weaver +
Jaylah Williams

Franco Woan
Deja Workman
Michelle Xiong +
Te You +
Wenyu You
Jarod Zacharias +++
Wesley Zheng
Yanzhong Zheng § ++
Xiangang Zhu
Zachary Ziernicki
Riyank Goel

Bachelor of Science Security and Risk Analysis

Kevin Abernethy
Owen Ache
Rania AlDhamen
Shannon Amole ‡ +
Ahaan Bagwe
Shawn Bessey
Adam Bland
Kevin Blodgett
Graham Bordo ‡ ++
Robert Bost
Daniel Breslin
Joseph Brown
Kathy Butler
Alexia Calnon ‡ +
Andrew Carreiro
Miranda Carter
Christopher Cawthon
Sangmin Choi
Changjae Chung
Antonina Cirelli
Daniel Cohen ++
Lindsey Cole
Thomas Conley
Connor Cook
David Cooper ‡
Grant Davis
Jessica Deachman
Dane Dedmon
David Deibert
Michael DiLapi
Michael DuBois Jr.
Kyle Duggins ++
Michael Dzema IV
Dylan Epp ++
Kimberly Ercolani

Zoe Evans
Nathan Eyster
Nathan Fangio
Kevin Fatzinger
Ethan Fisher
Jonathan Flatley
Kathryn Frankenberg § ++
Dylan Gesser †
John Girouard †
Allison Givler
Justin Greco
Andrew Gustafson
Clayton Hain ++
Tabitha Haripaul
Garrett Hassinger
Charles Hickey † □ +++
Michael Hoag † +
Bryce Hoffman
Kyle Holly
Julie Hyland
Donald Impavido
John Isenberg †
Trevor Jean Baptiste
Savion Jimenez
Kristian John
Avery Jones †
Minku Kahng
Brendan Kearns
Carine Kelley
Bryanne Kelly +
Elizabeth Keown +
Oleg Kharytonenko
Christine Kinahan
James Krumm
Papa Kuranchie
Allison Kurland
Nicholas Lacey ++
Adam Laundree † ++
Brian Lee
Lisa Liu
Jacob Lutheran
Nicholas Magera +
Justine Maher ++
Maria Manning
Delaney Marks
Aubrey McElrath
Madeline McKinley
Michael Melillo
Kamil Midura +

Connor Moore
Scott Morelli
Jagat Pandya
Rahul Patel
Nicholas Plakans
Joseph Rainelli
Christopher Reeves
Madison Richards
Nicholas Rizzolo
Chad Robbins
Antonino Roberto
Andrew Rogan
Charles Rome
Dylan Ross +
Brian Rowcotsky +
Ryan Rudrow
Ryan Ruppert ++
Nicholas Russo
Ameer Sabir
Joshua Salerno
Gregory Sanderson
Sarah Schaeffer
Reid Schindler †
Alexander Schmidt †
Brian Schultz
Azeez Scott
Jordan Scott
Louis Sentman † +
Bilal Shahid
Luke Sinn
Courtney Smith
Rowan Smith
Rylee Smith
Jonghyun Son
Michael Sorg Jr. +
Skip Star Jr. ++
Austin Stock
Victoria Stockton +
Peregrin Summers
Jason Susnoskie †
Lily Tedesco
Austin Thoet §
Colleen Turano
Cameron Umbenhauer
Anthony Weyant †
Christina Williamson ++
Johnathan Wilson †
Matt Wilson †
Michal Wisniowski

Samuel Woytowich
Dominic Young
Matthew Ziv

Additional Participants

David Diga
Thomas Hoover
Michael McConeghy
Allea McFarlane
Ryan McGlynn
Sangil Nam

THE COLLEGE OF INFORMATION SCIENCES AND TECHNOLOGY

Planning for a new academic initiative in the information sciences was introduced in 1997, and the School of Information Sciences and Technology was approved by Penn State's Board of Trustees soon after on September 11, 1998.

The school opened its doors at Penn State's University Park campus on August 25, 1999, to 105 students and five full-time faculty members, who led 43 new courses. In total, 428 students enrolled in IST programs at 19 Penn State campuses across the state.

Today, the college is recognized as a leader in interdisciplinary education and research at the intersection of information, technology, and society.

The Creation of a Discipline

The school was created based on a need perceived by the University and advisers from government and industry to educate students in the emerging field of information sciences and technology. The goal was to extend beyond classic computer science, management information systems, and library science—programs that existed in various formats across higher education.

This new multidisciplinary approach would prepare students to meet challenges in the use of computers, networked systems, and other technologies for applications in fields such as business, health care, homeland security, finance, energy, environmental monitoring, and entertainment.

The school was charged with producing graduates who would have the technical knowledge of information technologies—such as computer programming, discrete mathematics, and database concepts—and an understanding of information system concepts. An emphasis was also placed on building strong communication skills and a collaborative, solutions-oriented approach. Ultimately, these graduates would understand how information technologies could be applied to real applications involving individuals, organizations, and national and global enterprises.

The Growth of a College

In 2000, IST offered its first online course and built a robust offering of online programs and courses in the following years. In the spring of 2003, IST awarded its first bachelor's degrees to 300 graduates from across the state. That first group of alumni quickly formed the IST Alumni Society, ensuring that IST graduates would always remain connected

to each other and to the school. Recognizing its impact on the University and leadership in the information school community, the school was renamed as the College of Information Sciences and Technology in 2006.

Since those early years, the college has stayed true to its founding mission while evolving to meet the rapidly changing needs of students and industry. Today, IST educates thousands of students in a variety of undergraduate and graduate degree programs, both in residence and online. Faculty, graduate students, and visiting scholars conduct millions of dollars of externally funded research, collaborating across traditional disciplines to uncover new insights, trends, and experiences.

THE COLLEGE OF INFORMATION SCIENCES AND TECHNOLOGY ALUMNI SOCIETY

The College of Information Sciences and Technology Alumni Society wishes to congratulate Penn State's newest IST alumni on their graduation! As an official group of the Penn State Alumni Association, the IST Alumni Society helps graduates stay connected with each other, the College of IST, and the Penn State community at large.

The Society works to celebrate the achievements of the College of IST's alumni. We provide alumni with the opportunity to stay connected with the college through programming and events that promote lasting relationships among students, faculty, staff, and alumni. By joining the Penn State Alumni Association, you will automatically become a member of the IST Alumni Society. You will enjoy all the benefits that come with being a member of the Penn State Alumni Association and will receive invitations to exclusive IST Alumni Society member networking and fundraising events, gain access to employers and recruiters, and most importantly stay connected to your fellow alumni and the College of IST!

If you have any questions regarding the College of Information Sciences and Technology Alumni Society or the Penn State Alumni Association, please do not hesitate to reach out to us.

We Are!

IST Alumni Society
ist.psu.edu/alumni
alumni@ist.psu.edu

Penn State Alumni Association
alumni.psu.edu
1-800-548-LION (5466)



WELCOME TO THE PRIDE!

Congratulations on your graduation, and welcome to the Penn State Alumni Association —the largest and most powerful alumni network in the world.

New graduates receive a **complimentary one-year membership** in the Penn State Alumni Association.

As you enter the pride, you'll join the ranks of alumni who keep their connection to Penn State strong through membership. We encourage you to stay connected and learn more about the 30+ benefits that are included with your membership.

Membership materials, including your membership card, will be mailed to you after graduation. Benefits are available to you immediately upon receiving your membership card.

Exclusive Member Benefits

CAREER AND EDUCATION



- **Alumni Career Services:** Attend premium Alumni Career Service events for free or at a substantial discount.
- **Discounts on Kaplan Test Preparation Services**
- **Alumni Library Online:** Exclusive access to Penn State Libraries Digitized Collections and University library databases.

ALUMNI EMAIL



Members of the Alumni Association can sign up for a **personal Penn State email account** (@alumni.psu.edu). Accounts are hosted by Google for Education and also include **online storage** and a collection of digital tools.

DISCOUNTS



Members receive **access to discounts** including merchandise at Penn State Bookstore campus locations. They also receive access to discounted health, auto, renters, home, life, long-term care, and pet insurance.

Additional benefits include early invitations to Alumni Association events, access to the Alumni Directory, publications including the *Penn Stater* magazine, and much more!



The publication is available in alternative media on request.

Statement of Nondiscrimination

The University is committed to equal access to programs, facilities, admission, and employment for all persons. It is the policy of the University to maintain an environment free of harassment and free of discrimination against any person because of age, race, color, ancestry, national origin, religion, creed, service in the uniformed services (as defined in state and federal law), veteran status, sex, sexual orientation, marital or family status, pregnancy, pregnancy-related conditions, physical or mental disability, gender, perceived gender, gender identity, genetic information, or political ideas. Discriminatory conduct and harassment, as well as sexual misconduct and relationship violence, violates the dignity of individuals, impedes the realization of the University's educational mission, and will not be tolerated. Direct all inquiries regarding nondiscrimination policy to the Affirmative Action Office, The Pennsylvania State University, 328 Boucke Building, University Park, PA 16802-5901; Email: aao@psu.edu; Tel: 814-863-0471. U.Ed. IST 22-22

