TEMPLE UNIVERSITY
COLLEGE OF SCIENCE AND TECHNOLOGY
GRADUATION CEREMONY
WEDNESDAY, MAY 4, 2022

PERSEVERANCE CONQUERS 2022

TIME TO FLY
PROGRAM

Wednesday, May 4  |  1:30 p.m.  |  The Liacouras Center

Michael L. Klein, FRS
Dean and Laura H. Carnell Professor of Science

Procession*
“Pomp and Circumstance” by Sir Edward Elgar
The New School Brass Quintet

Welcome  Michael L. Klein, FRS

Keynote Address  Sir Anthony K. Cheetham, FRS

Student Address  Guercie Elizabeth Guerrier, BA, CST ’22

Doctoral Hooding  Richard Souvenir, DSc
Presentation  Associate Dean for Graduate Affairs

Conferral of  Richard Souvenir, DSc
Master Degrees

Conferral of Professional  Susan Jansen Varnum, PhD
Science Master’s Degrees  Senior Associate Dean for Science Education

Conferral of  Thomas W. Price, MFA, BYR ’98
Bachelor Degrees  Assistant Dean for Advising and Student Success
Evelyn Vleck, MA, Assistant Dean for Undergraduate Academic Programs and Enrollment Management

Alumni Remarks  Mark D. Dash, BA, CST ’84, MS, CST Alumni Association President

Closing Remarks  Michael L. Klein, FRS

Recessional*
“Canzona per Sonare No. 2” by Giovanni Gabrieli
The New School Brass Quintet

*Audience please stand, if you are able.
KEYNOTE SPEAKER

Sir Anthony K. Cheetham, FRS

Tony Cheetham is a Research Professor at the University of California, Santa Barbara (UCSB), and a Distinguished Visiting Professor at the National University of Singapore. He was formerly the Goldsmiths' Professor of Materials Science at the University of Cambridge (2007-2017) and the Treasurer and Vice-President of the Royal Society (2012-2017). He obtained his D.Phil. at the University of Oxford in 1972 and did post-doctoral work in the Materials Physics Division at Harwell. He joined the Chemistry faculty at Oxford in 1974, and then moved to UCSB in 1991 to become Professor in the Materials Department. From 1992-2004 he was the Director of UCSB’s Materials Research Laboratory.

Cheetham is a leader in the materials chemistry community and renowned for his contributions to the development of procedures to study the structures of materials and deduce their chemical, mechanical and physical properties. He is a Fellow of the Royal Society and a member of the American Academy of Arts and Sciences as well as several other national academies.

Cheetham has received numerous awards for his work in the field of materials chemistry, including the Sômiya Award of the International Union of Materials Research Societies, the Platinum Medal of the Institute of Materials, Minerals & Mining and a Chemical Pioneer Award from the American Institute of Chemists. In January 2020, he was knighted by Queen Elizabeth II for “services to materials chemistry, UK science and global outreach.”
STUDENT SPEAKER

Guercie Elizabeth Guerrier, BA, CST ’22

Guercie Guerrier is graduating with a bachelor’s in biology and a minor in sociology of health. Her research experience includes working at the Lewis Katz School of Medicine’s Fels Cancer Institute for Personalized Medicine and the Center for Asian Health.

Guerrier has presented her research at the CST Undergraduate Research Symposium, Health Disparities Research Innovation Summer Symposium, Temple’s Symposium for Undergraduate Research and Creativity and other symposiums. She is co-author of a research abstract in the Proceedings of the American Association for Cancer Research Virtual Conference in 2021.

Guerrier has earned several awards and scholarships including MARC U-STAR Scholar and Dr. Martin Luther King Jr. Scholarship Trust Fund Scholar, and the Dr. Carl and Margaret Burk Award. She is also a Temple 2022 Diamond Award Recipient and a member of Alpha Kappa Alpha Sorority, Inc. She has served as a CST peer advisor, an Owl Team orientation leader and a university resident assistant.

Guerrier will attend the University of Massachusetts Chan Medical School Postbaccalaureate Research Education Program. Her goal is to be a physician-scientist whose research positively impacts traditionally medically underserved communities.
ALUMNI SPEAKER

Mark Dash, CST ’84

Throughout his career Mark Dash has championed the use of technology to transform businesses with an emphasis on talent management. He has extensive experience in technology advancement across several industries including computer engineering, financial services, publishing and insurance. He began his career at Burroughs Corporation, later Unisys Corp., developing software and firmware. He joined The Vanguard Group in 1992 as part of their Advanced Technology group.

In 1997, Dash joined Lippincott Williams & Wilkins medical publishers, leading their electronic strategy imitative as VP of electronic strategy for Wolters-Kluwer Health. He is currently chief technology officer for The Penn Mutual Life Insurance Company.

Dash earned his bachelor’s in computer science from Temple University, a master’s in computer science from the New Jersey Institute of Technology, and a certificate in corporate innovation from the Stanford University Graduate School of Business. He is currently president of the College of Science and Technology Alumni Board.
Candidates for Degrees | Doctor of Philosophy

Salsabil Abou-Hatab***
Chemistry
Radiative and Non-radiative Decay Pathways of n-Cyanoindole Fluorescent Probes in Aqueous Solution
Faculty Advisor: Spiridoula Matsika, PhD

Abrar Sulaiman Alrumayh
Computer and Information Science
Improving the Privacy, Usability, and Context-Awareness of Smart Speakers
Faculty Advisor: Chui Tan, PhD

Shima Arasteh*
Chemistry
Mapping Free Energy Landscapes of Proteins with Application to Kinase Catalytic Domains
Faculty Advisor: Ronald Levy, PhD

Shohini Bhattacharyya*
Physics
A Comprehensive Study of the Proton Structure: From PDFS to Wigner Functions
Faculty Advisor: Andreas Metz, PhD

Ravneet Kaur Bhullar**
Chemistry
Transition Metal Oxide Layered Materials as Catalyst and Precatalyst for Green Energy Applications: Oxygen Evolution Reaction and Fischer-Tropsch Synthesis
Faculty Advisor: Michael Zdilla, PhD

Rajorshi Biswas*
Computer and Information Science
Mitigation of Different Network Attacks and Optimization in Software Defined Network
Faculty Advisor: Jie Wu, PhD

Avik Biswas**
Physics
Potts Statistical Models of Protein Sequence-Covariation and Protein Evolution
Faculty Advisor: Ronald Levy, PhD

Mariana Bonfim Pinto Mendes*
Biology
Coexistence, Resilience and Resistance of Marine Invertebrate Communities Across a Latitudinal Gradient
Faculty Advisor: Amy Freestone, PhD

Ran Ding**
Chemistry
The Effect of Alternating Distribution of Transition Metals in Layered Materials on Oxygen Evolution Catalysis
Faculty Advisor: Michael Zdilla, PhD

Burcu Duran*
Physics
The J/ψ-007 Experiment: A Search for the LHCb Charm Pentaquarks in Hall C at Jefferson Lab
Faculty Advisor: Nikolaos Sparveris, PhD

Colin John Sheehy Fitzpatrick**
Chemistry
Investigation of Coherent Vibrational Signatures with Impulsive Transient Absorption Spectroscopy
Faculty Advisor: Robert Levis, PhD

Marianne Gagnon**
Biology
Intraspecific Drivers of Variation in Bat Responses to White-nose Syndrome and Implications for Population Persistence and Management
Faculty Advisor: Brent Sewall, PhD

Alexander C. Gardner
Chemistry
Semi-Synthesis of Biologically Active Melodinine, Taberyunine, and Melosuavine Bis-Indole Alkaloids Through Chemical and Biological Methods
Faculty Advisor: Franklin A. Davis, PhD

Benjamin Garrett*
Computer and Information Science
FFRU: A Time- and Space-Efficient Caching Algorithm
Faculty Advisor: Richard Beigel, PhD

Isabella Goodenough**
Chemistry
Response of UiO Metal-Organic Frameworks to Thermal Perturbations and Molecular Interactions
Faculty Advisor: Eric Borguet, PhD

Francesco Granato*
Physics
Design of the Electron Spectrometer for the HUNTER Experiment and Timescale of Electron Thermalization in Liquid Argon for Directional Detection of WIMP Dark Matter
Faculty Advisor: Charles Jeffrey Martoff, PhD

Patrick Hammer*
Computer and Information Science
Autonomy Through Real-Time Learning and Open-NARS for Applications
Faculty Advisor: Pei Wang, PhD

Bilal Hoblos*
Chemistry
Explorations in Medium-Ring Ether Synthesis via Umpolung Heteroatom Activation: Total Synthesis, Methods Development, and Reagent Synthesis
Faculty Advisor: Sarah E. Wengryniuk, PhD

*Degree Completed August 2021  **Degree Completed December 2021  ***Anticipated degree completion August 2022
Narek Hovsepyan*
Mathematics
Quantification of Stability of Analytic Continuation with Applications to Electromagnetic Theory
Faculty Advisor: Yury Grabovsky, PhD

Nicholas Anthony Huron
Biology
Biodiversity Science in the Anthropocene: Building Frameworks for Understanding Invasions and Extinctions
Faculty Advisor: Matthew Helmus, PhD

Sarah Elizabeth Jenny
Chemistry
Development of Mo(0) Complexes for the Selective Isomerization of Z-2-Alkenes from Terminal Alkenes
Faculty Advisor: Graham Dobereiner, PhD

Suhan Jiang
Computer and Information Science
Diving Into Blockchain-Based Systems: Design, Extension, and Application
Faculty Advisor: Jie Wu, PhD

Taylor Marie Keller
Chemistry
Synthesis of Coordination Complexes and Experimental X-Ray Diffraction Data Towards the Development of Refinement of Occupancy of Spherical Atoms (ROSA), a New Approach for the Determination of Partial Atomic Charges
Faculty Advisor: Michael Zdilla, PhD

Connor Koellner
Chemistry
Self-assembled Structurally and Functionally Mimetic Metalloclusters Inspired by the Oxygen-Evolving Complex and the Iron-Molybdenum Cofactor
Faculty Advisor: Michael Zdilla, PhD

Mushir Ul Hasan Kolathingal Thodika***
Chemistry
Development and Benchmarking of Electronic Structure Methods for Negative Ion Resonances
Faculty Advisor: Spiridoula Matsika, PhD

Khanh Q Le
Mathematics
Left-Orderability of Dehn Surgeries on Knot Complements
Faculty Advisor: Matthew Stover, PhD

Sarah M. Lehman
Computer and Information Science
Testing Challenges of Mobile Augmented Reality Systems
Faculty Advisor: Chui Tan, PhD

Mingrui Li
Chemistry
Metal Nanomaterials: Synthesis, Design, and Applications
Faculty Advisor: Yugang Sun, PhD

Xiang Li*
Computer and Information Science
Functionalist Emotion Model in Artificial General Intelligence
Faculty Advisor: Pei Wang, PhD

Zhi Li**
Mathematics
Principles of Calcium Wave Propagation in Neurons: Computational Study and Derivation of Empirical Laws
Faculty Advisor: Gillian Queisser, PhD

Tong Liu*
Computer and Information Science
Efficient Data Reduction in HPC and Distributed Storage Systems
Faculty Advisor: Xubin He, PhD

Nicholas S. Lukow
Physics
Measurement of the Longitudinal Double-Spin Asymmetry of Jets and Dijets at Mid-Rapidity at √s = 200 GeV at STAR
Faculty Advisor: Bernd Surrow, PhD

Zhigang Lyu*
Chemistry
Steric-Free Bioorthogonal Labeling of Post-Translational Modification Substrates Based on a Fluorine-Thiol/Selenol Displacement Reaction
Faculty Advisor: Rongsheng Wang, PhD

Diana Catalina Mantilla**
Biology
Kinematics and Dynamics of Running Up Granular Slopes
Faculty Advisor: Tonia Hsieh, PhD

Rylee Ann McBride
Chemistry
Photophysical Characterization of Flavins and the DNA Repair Flavoenzyme: DNA Photolyase
Faculty Advisor: Robert Stanley, PhD

Myriam Mikhael*
Chemistry
Novel Umpolung Strategies for C-O Bond Formation with Hypervalent Iodine Reagents
Faculty Advisor: Sarah E. Wengryniuk, PhD

Jae D. Nam**
Physics
Weak Boson Production in High Energy Colliders as a Probe of Nucleon Structure
Faculty Advisor: Bernd Surrow, PhD

Bimal Neupane
Physics
Ab Initio Exploration of the Optoelectronic Properties of Low-Dimensional Materials
Faculty Advisor: Adrienn Ruzsinszky, PhD
Rachel J. Parise  
Chemistry  
Investigating the Instrumentation Components of Laser Electrospray Mass Spectrometry: Analytical Method Development and Applications  
Faculty Advisor: Robert Levis, PhD

Manita Rai  
Physics  
Development of Broadband Time-Resolved Spectroscopy and Investigation of the Dynamics of Photoexcited Carriers and Lattice Excitations in Chiral Weyl Semimetals  
Faculty Advisor: Darius Torchinsky, PhD

Michele Frances Repetto**  
Biology  
Biogeographic Patterns, Species Interactions, and Mechanisms of Coexistence in Nearshore Marine Communities  
Faculty Advisor: Amy Freestone, PhD

James M. Rosado***  
Mathematics  
Ultrastructural Neuronal Modeling of Calcium Dynamics Under Transcranial Magnetic Stimulation  
Faculty Advisor: Gillian Queisser, PhD

Tanaya Roy**  
Computer and Information Science  
Performance and Endurance Control in Emerging Storage Technologies  
Faculty Advisor: Krishna Kant, PhD

Gerard X. Smith Jr.  
Biology  
Impacts of Shared Pollinators and Community Composition on Plant-pollinator Interactions and Their Fitness Consequences  
Faculty Advisor: Rachel Spigler, PhD  
Certificate in Teaching in Higher Education

Megan M. Van Vliet**  
Chemistry  
Novel Solid-State Electrolytes with Improved Electronic Properties as Hybrid Ionically Conducting Battery Materials  
Faculty Advisor: Michael Zdilla, PhD

Ruiyu Wang  
Chemistry  
Understanding Aqueous Solutions at α-Alumina Surfaces Using Molecular Dynamics Simulations  
Faculty Advisor: Eric Borguet, PhD

Tong Wu  
Chemistry  
Influence of Environmental Factors on Molecular Transport Through Bacteria Membranes  
Faculty Advisor: Hai-Lung Dai, PhD

Po-Cheng Yu**  
Chemistry  
Methodology Development of N-Sulfinyl Metalloenamines and Asymmetric Total Synthesis of (+)-Epiibogamine  
Faculty Advisor: Franklin A. Davis, PhD

Xiao Yuan  
Physics  
Spin-Orbit Coupling in Strongly Correlated Systems  
Faculty Advisor: Peter Riseborough, PhD

Si Zhang  
Chemistry  
Computational Approaches for Protein Folding and Ligand Binding: from Thermodynamics to Kinetics  
Faculty Advisor: Vincent Voelz, PhD

Tianming Zhao  
Computer and Information Science  
Secure Personal Healthcare Using Fine-grained PPG-based Sensing and Deep Learning  
Faculty Advisor: Yan Wang, PhD

*Degree Completed August 2021  **Degree Completed December 2021  ***Anticipated degree completion August 2022
LIST OF ALL CST GRADUATES

COLLEGE OF SCIENCE AND TECHNOLOGY
CLASS OF 2022

Candidates for Degrees | Graduate

**MASTERS OF ARTS**

Ashanti Scott
Biology

**MASTERS OF SCIENCE**

Paula C. Araneda Noboa*
Geology

Suyash Bajpai**
Physics

Angelika Natalia Baran**
Chemistry

Nandini Bhupathiraju*
Computer Science

Theodore Bobik**
Geology

Piyush Borole
Mathematics

Shah Tanvir-Ur-Rahman Chowdhury**
Physics

Kyle Collins*
Geology

Saman Enayati
Computer Science

Laura L. Givnish
Information Science and Technology

Jacob Guynee
Mathematics

Rae Helmreich**
Mathematics

Andrew James Higgins
Mathematics

Michele Huynh**
Information Science and Technology

Md Reazul Islam*
Chemistry

Reide Jacksin
Geology

Hemal Jariwala**
Computational Data Science

Shuyue Ji**
Chemistry

Dhananjay Mahendra Kamble
Computer Science

Tamara Katic**
Computational Data Science

Riya Kumar Emmanuel**
Computational Data Science

Zhi Li*
Mathematics

Theresa Lim**
Information Science and Technology

JoAnna Guadalupe Marlow*
Geology

Alexi Martin
Chemistry

Bojan Milinic
Geology

John Louis Miraszek II**
Biology

Thomas J. Mirowski
Computer Science

Thu Nguyen
Information Science and Technology

Jonathan Tyler Orr
Physics

Matthew Theodore Raabe
Geology

Emily Suzanne Reiner
Chemistry

Freddy Rosario
Biology

Morgan Elizabeth Sawyer
Geology

Femil Joseph Shajan**
Chemistry

Breann Nicole Stowe
Geology

Hayden Andrew Thacker
Geology

Vivek Trivedy*
Computational Data Science

Kanishka Deepal Wijesekara*
Physics

Yuhao Wu
Chemistry

Jingfeng Xia*
Mathematics

Yushuai Yang*
Computer Science

**PROFESSIONAL SCIENCE MASTERS**

Kurat Ain Abaidullah**
Bioinnovation

Aikebai Aikelamu**
Bioinnovation

Saaurav Bari
Biotechnology

Dennis Alfredo Bendana
Biotechnology

Megan Monai Beverly
Scientific Writing

Viola Phyllis Brown
Scientific Writing

Nicole Caccavo
Bioinnovation

Jethro Claude**
Bioinnovation

Daniel Francis Deegan**
Biotechnology

Tenzin Yangchen Dolker
Bioinformatics

Stephen V. Drehobl
Scientific Writing
Andrea Isabella Gutierrez**
Biotechnology

Marya Kozinova
Bioinformatics

Dylan Robert Lewis
Scientific Writing

John Logue*
Bioinformatics

Aliyah Nicole Mallak
Scientific Writing

Jared Meyers
Bioinformatics

Rahul More
Bioinnovation

Nigam H. Padhia
Biotechnology
Certificate in Bioinformatics

Kristina Pashkevitch**
Biotechnology

Jessica Lynn Pietrowski
Scientific Writing

Maya Zareen Rahman
Biotechnology

Victoria Ashley Ramirez
Scientific Writing

Joshua Paavo Schaaf
Bioinformatics

Janvi Shah
Biotechnology

Taylor Alexis Spoon*
Bioinnovation

Jonathan D. Willis**
Biotechnology

GRADUATE CERTIFICATE

Sarah Broskin
Certificate in Scientific Writing

*Degree Completed August 2021
**Degree Completed December 2021
***Anticipated degree completion August 2022
BIOCHEMISTRY

Casey Daniel Abernethy****
Bachelor of Science
Biochemistry

Nicole Z. Alhov
Bachelor of Science
Biochemistry
Minor in Spanish
Distinction in Major

Nicholas Ryan Baker
Bachelor of Science
Biochemistry
Second Major in Spanish
Distinction in Major

Stiven Braimllari
Bachelor of Science
Biochemistry
Distinction in Major

Emily S. Carlson***
Bachelor of Science
Biochemistry
Certificate in Spanish and Latinx Studies
for the Health and Human Services
Professions

Taylor Mae Carrington***
Bachelor of Science
Biochemistry

Philip S. Carvalho
Bachelor of Science
Biochemistry
Certificate in Fundamentals of
Programming

Sarah Emily Chan
Bachelor of Science
Biochemistry
Certificate in Ethics
Magna Cum Laude
Distinction in Major

Amanda Cranney
Bachelor of Science
Biochemistry

Jasmine C. Cruz
Bachelor of Science
Biochemistry

Gabe N. DeLong
Bachelor of Science
Biochemistry
Minor in Spanish

Nicholas Allan Fry
Bachelor of Science
Biochemistry
Distinction in Major

Owen M. Glaser
Bachelor of Science
Biochemistry
Minor in Mathematics
Distinction in Major

Deborah Ruth Grove
Bachelor of Science
Biochemistry
Certificate in Genomic Medicine

Stella Naeun Ha
Bachelor of Science
Biochemistry
Minor in Spanish

Yongseok Han***
Bachelor of Science
Biochemistry

Zinoubia Hasasna***
Bachelor of Science
Biochemistry
Cum Laude
Distinction in Major

Fakhry Hasasna
Bachelor of Science
Biochemistry
Distinction in Major

Catherine B. John
Bachelor of Science
Biochemistry

Danielle R. Kobulsky
Bachelor of Science
Biochemistry
Distinction in Major

Nghia K. Lam
Bachelor of Science
Biochemistry
Cum Laude
Distinction in Major

Ryan Monaghan Long
Bachelor of Science
Biochemistry
Distinction in Major

Malik Christopher McClamy***
Bachelor of Science
Biochemistry

Ashley McGrogan***
Bachelor of Science
Biochemistry
Distinction in Major

Nicholas David Mercer****
Bachelor of Science
Biochemistry

Anh Thi Mai Nguyen***
Bachelor of Science
Biochemistry
Magna Cum Laude
Distinction in Major

Samantha Nielsen Noland
Bachelor of Science
Biochemistry
Minor in Spanish

Elisabeth Panell
Bachelor of Science
Biochemistry

Roohid Parast
Bachelor of Science
Biochemistry

Jiten Patel
Bachelor of Science
Biochemistry
Distinction in Major

Kishan R. Patel
Bachelor of Science
Biochemistry
Minor in Public Health
Summa Cum Laude
Distinction in Major

Mira M. Patel
Bachelor of Science
Biochemistry

Yash Dipul Patel
Bachelor of Science
Biochemistry
Distinction in Major

Tej K. Patel****
Bachelor of Science
Biochemistry
Minor in Public Health

Allison Nicole Reiter
Bachelor of Science
Biochemistry
Minor in Psychology
Magna Cum Laude
Distinction in Major
Shreya Mayank Shah
Bachelor of Science
Biochemistry
Minor in Art
Certificate in Genomic Medicine
Magna Cum Laude
Distinction in Major

Nicholas Aaron Sharpe
Bachelor of Science
Biochemistry
Summa Cum Laude
Distinction in Major

Corey Snyder
Bachelor of Science
Biochemistry

Chritians A. Somuah
Bachelor of Science
Biochemistry

Harry Thai
Bachelor of Science
Biochemistry

Emma Rose Turner
Bachelor of Science
Biochemistry

Christina Marie Villano
Bachelor of Science
Biochemistry

Gabrielle A. Widjaja
Bachelor of Science
Biochemistry

** BIOLOGY **

Hamzah H H E Abbas***
Bachelor of Science
Biology

Ashish Abraham
Bachelor of Science
Biology
Minor in Global Studies

Noshai Tynea Abrahams***
Bachelor of Science
Biology

Evelyn Aguirre
Bachelor of Science
Biology
Certificate in Genomic Medicine

Anifa Ahmed
Bachelor of Science
Biology

Jawad B. Ahmed****
Bachelor of Science
Biology

Abdualwahab J A J Alali
Bachelor of Science
Biology
Cum Laude

Nour A H A Alali
Bachelor of Science
Biology

Abd Alhafiz M. Alhourani****
Bachelor of Science
Biology

Aysha Aliyeva
Bachelor of Science
Biology

Nabai Alkinani
Bachelor of Science
Biology

Marissa F. Allen
Bachelor of Science
Biology
Minor in French

Meshari Y. Alqalfas***
Bachelor of Science
Biology

Ali Y H Y Alqallaf
Bachelor of Science
Biology
Summa Cum Laude

Ayoub Alqumani
Bachelor of Science
Biology

Hasan A E M J Alsaффar
Bachelor of Science
Biology

Malhy Y Y A H Alsayegh
Bachelor of Science
Biology

Mohammad T M T Alshamali
Bachelor of Science
Biology
Magna Cum Laude

Amy Alvarado
Bachelor of Science
Biology
Minor in Spanish

Zakaria M. Alyan
Bachelor of Science
Biology
Certificate in Genomic Medicine

Maria Paola Amaro
Bachelor of Science
Biology
Minor in Clinical and Health Psychology

Sejung An
Bachelor of Science
Biology

Trinity Anthony**
Bachelor of Science
Biology
Minor in Psychology

Bradford Benjamin Azizi
Bachelor of Science
Biology
Second Major in Spanish

Jenna Lynn Babb*****
Bachelor of Science
Biology

Sarah Elizabeth Babula
Bachelor of Science
Biology
Minor in Chemistry

Alphonso Barney
Bachelor of Science
Biology

Yevheniy Bas
Bachelor of Science
Biology

Alexis Ann Beacher***
Bachelor of Science
Biology

Trace Eugene Becker
Bachelor of Science
Biology

Zachary Rockwell Bedford***
Bachelor of Science
Biology
Minor in Psychology

Eva Bili
Bachelor of Science
Biology

Alison Blaney***
Bachelor of Science
Biology

*Degree completed June 2021
** Degree completed August 2021
***** Anticipated degree completion August 2022
**** Anticipated degree completion December 2022
***Degree completed December 2021
Emily G. Blessley***
Bachelor of Science
Biology
Minor in Neuroscience Research
Minor in Chemistry

Erika D. Book
Bachelor of Arts
Biology

Jamie H. Bregman
Bachelor of Science
Biology

Meghan Alise Bressler
Bachelor of Science
Biology

Jessica Janet Bric
Bachelor of Science
Biology

Minor in Chemistry

Kiera R. Broderick
Bachelor of Science
Biology

Raymond Eugene Brothers Jr.
Bachelor of Science
Biology
Minor in Political Science

Alana S. Brown*
Bachelor of Science
Biology

Remya Brown
Bachelor of Science
Biology

Majed Buresly
Bachelor of Science
Biology

Cum Laude

Jacob Samuel Burkhart
Bachelor of Science
Biology

Gianna Marie Busala
Bachelor of Science
Biology

Minor in French

Tristan James Cadiz***
Bachelor of Science
Biology

Mikala Danielle Camburn
Bachelor of Science
Biology

Nicole M. Carter***
Bachelor of Science
Biology

Logan J. Cary***
Bachelor of Science
Biology

Sara Cavalcanti
Bachelor of Science
Biology

Fatme Chaloub
Bachelor of Science
Biology

Annmarie Rebecca Charles
Bachelor of Science
Biology

Kristine Chin***
Bachelor of Science
Biology

Summa Cum Laude

Omar Caimol Chishti
Bachelor of Science
Biology

Minor in Cognitive Neuroscience
Certificate in Genomic Medicine

Harley Q. Chow
Bachelor of Science
Biology

Minor in English

Emily R. Cicon
Bachelor of Science
Biology

Ashley Nicole Ciesielka***
Bachelor of Science
Biology

Hunter McCullough Clements
Bachelor of Science
Biology

Minor in Public Health

Cameron J. Cole
Bachelor of Science
Biology

Minor in Cognitive Neuroscience

Jack S. Collins
Bachelor of Science
Biology

Jose A. Cruz III***
Bachelor of Science
Biology

Renee C. Cusic
Bachelor of Science
Biology

Minor in Chemistry

Feras Dahabreh
Bachelor of Science
Biology

Huy Quang Dang
Bachelor of Science
Biology

Dominique Davis**
Bachelor of Science
Biology

Erica Lynn DeBlase***
Bachelor of Science
Biology

Julia Kathryn DeWitt
Bachelor of Science
Biology

Minor in French
Minor in Chemistry
Certificate in American Sign Language

Lena Dong
Bachelor of Science
Biology

Kiara Shyann Dorsey*****
Bachelor of Science
Biology

Milan K. Dsilva
Bachelor of Science
Biology

Minor in Ancient Mediterranean
Cum Laude

Brittany Edelschein***
Bachelor of Arts
Biology

Erica Rose Edwards
Bachelor of Science
Biology

Minor in Spanish

Daniel Esenov
Bachelor of Science
Biology

Davud Esenov
Bachelor of Science
Biology

Mika P. Esperanza
Bachelor of Science
Biology

Certificate in Genomic Medicine

Madeline Parker Evanson***
Bachelor of Science
Biology

Mariya Ezzi*****
Bachelor of Arts
Biology
Kelly Rose Fabian  
Bachelor of Science  
Biology  
Certificate in Genomic Medicine  

Yasnely Fabian  
Bachelor of Science  
Biology  

Jonathan E. Falciani***  
Bachelor of Science  
Biology  
Second Major in Mathematics  
Minor in Anthropology  
Distinction in Major  

Isabella U. Felix  
Bachelor of Science  
Biology  

Aaron J. Feller***  
Bachelor of Science  
Biology  
Minor in Chemistry  

Kristen Fischer  
Bachelor of Science  
Biology  

Aidan Frank Fitzpatrick***  
Bachelor of Science  
Biology  
Minor in Business  

Brittney Josephine Flinn  
Bachelor of Science  
Biology  
Minor in Spanish  

Sharmil N. Gadhiya  
Bachelor of Science  
Biology  
Minor in Chemistry  

Gina C. Galm  
Bachelor of Arts  
Biology  

Zuhal Ghafary****  
Bachelor of Science  
Biology  

Daniel Gilliam  
Bachelor of Science  
Biology  

Sara Gjoka***  
Bachelor of Science  
Biology  
Minor in Spanish  

Amia Glenn  
Bachelor of Science  
Biology  
Minor in Criminal Justice  

Matthew N. Gmitter***  
Bachelor of Science  
Biology  

Sarah Golchin-Maany  
Bachelor of Science  
Biology  

Benjamin H. Goldblatt***  
Bachelor of Science  
Biology  

Joy L. Gonzalez  
Bachelor of Science  
Biology  
Minor in Psychology  
Cum Laude  

Selena R. Grant  
Bachelor of Science  
Biology  

Dylan Thomas Grau  
Bachelor of Science  
Biology  
Minor in Chemistry  
Cum Laude  

Madison L. Gray  
Bachelor of Science  
Biology  
Certificate in Genomic Medicine  

Jasmine Marie Green***  
Bachelor of Science  
Biology  

Marianne Greenberg  
Bachelor of Science  
Biology  
Minor in Spanish  

Guercie Elizabeth Guerrier  
Bachelor of Arts  
Biology  
Minor in Sociology of Health  

Vijay Joshua Guragain  
Bachelor of Science  
Biology  
Minor in Sociology of Health  
Certificate in Genomic Medicine  

Jaesung Han*  
Bachelor of Science  
Biology  

Adam J. Hapenovich***  
Bachelor of Science  
Biology  

Michelle E. Harlap  
Bachelor of Science  
Biology  

Rita Eveline Hartogs****  
Bachelor of Science  
Biology  
Minor in Environmental Studies  

Gisselle A. Hernandez  
Bachelor of Science  
Biology  

Rachel A. Hollenczer  
Bachelor of Science  
Biology  
Minor in Psychology  
Magna Cum Laude  

Lindsey Veronica Hoover  
Bachelor of Science  
Biology  

Vahan Bapken Hovanessian  
Bachelor of Science  
Biology  

Leanna C. Howard  
Bachelor of Science  
Biology  
Minor in Business  

Amanda C. Hughes****  
Bachelor of Science  
Biology  
Minor in Sociology  

Haven Huskey  
Bachelor of Science  
Biology  

*Degree completed June 2021  
** Degree completed August 2021  
***Degree completed December 2021  
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***** Anticipated degree completion December 2022
Khang L. Huynh*
Bachelor of Arts
Biology

Jordyn E. Imler
Bachelor of Science
Biology
Minor in Classical Languages Literature

Athin Ishaq
Bachelor of Science
Biology

Aiseosa Iyahen
Bachelor of Science
Biology
Minor in Public Health

Priya Jain
Bachelor of Science
Biology
Minor in Global Studies
Cum Laude

Kerith P. Jangam
Bachelor of Science
Biology
Certificate in Genomic Medicine

Syyedah Javeria
Bachelor of Science
Biology
Certificate in Genomic Medicine

Garrett Nathaniel Jenkins
Bachelor of Science
Biology
Minor in Cognitive Neuroscience

Cole Abbott Johnson
Bachelor of Science
Biology
Certificate in American Sign Language

Michael Jones
Bachelor of Science
Biology

Lacey Claire Jorgensen
Bachelor of Science
Biology

Schuyler Jurewicz
Bachelor of Arts
Biology

Raj R. Juthani*
Bachelor of Science
Biology

Urja Kalathiya
Bachelor of Science
Biology
Minor in Public Health
Cum Laude

Evelyn Rachel Kandov***
Bachelor of Science
Biology
Minor in Art

Rini Vyomesh Kaneria
Bachelor of Science
Biology
Certificate in Genomic Medicine

Kubra Karagöz***
Bachelor of Science
Biology

Brijesh Naidu Karanam***
Bachelor of Science
Biology

Eric M. Kashuba
Bachelor of Science
Biology

Sukhprit Kaur
Bachelor of Science
Biology
Minor in Healthcare Management

Salman N. Khaledi
Bachelor of Science
Biology
Minor in Healthcare Management
Magna Cum Laude

Shazheb Khan
Bachelor of Science
Biology

Yazan Kifaieh
Bachelor of Science
Biology

Junsung Kim***
Bachelor of Science
Biology

Pavani Kolla
Bachelor of Science
Biology

Christina Konstantis***
Bachelor of Science
Biology

Jane E. Koshy**
Bachelor of Science
Biology

Jared Krieger
Bachelor of Arts
Biology

Sravya Kuchipudi
Bachelor of Science
Biology
Minor in Computer Science
Cum Laude

Hannah Danielle LaBouliere
Bachelor of Science
Biology
Summa Cum Laude

Meredith G. Lang*****
Bachelor of Science
Biology

Luke Patrick Larrea
Bachelor of Science
Biology
Minor in Sport Management

Tran Le
Bachelor of Science
Biology

Emily A. Lesher
Bachelor of Science
Biology

Kyle Andrew Levy**
Bachelor of Science
Biology

Lorianna Gabrielle Leynes
Bachelor of Science
Biology

Paulina Sanur Lipman
Bachelor of Science
Biology
Minor in Sociology of Health
Summa Cum Laude

Jessica Katelyn Little
Bachelor of Science
Biology
Minor in Criminal Justice
Magna Cum Laude

Corrine D. Little*****
Bachelor of Science
Biology

Zane A. Loose*****
Bachelor of Science
Biology

Jessica M. Lopez
Bachelor of Science
Biology
Minor in Spanish
Certificate in Genomic Medicine

Noelia Lugo
Bachelor of Science
Biology

Brian Robert Ly**
Bachelor of Science
Biology
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<td>Jamie Oliver O'Hara*****</td>
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<td>Crystal Osuji</td>
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<td>Minor in Africology and African American Studies</td>
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<td>Albjana Pacara</td>
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<td>George Padilla</td>
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*Degree completed June 2021  ** Degree completed August 2021  *** Degree completed December 2021
***** Anticipated degree completion August 2022  **** Anticipated degree completion December 2022
Hritisha Pandey
Bachelor of Science
Biology
Minor in Art History

Liana Katherine Panik
Bachelor of Science
Biology
Second Major in Psychology
*Magna Cum Laude*

Karan Hemang Patel***
Bachelor of Science
Biology

Aeshna Patel
Bachelor of Science
Biology

Ashini R. Patel
Bachelor of Science
Biology

Dhrumil D. Patel
Bachelor of Science
Biology

Isha S. Patel
Bachelor of Science
Biology

Jeel S. Patel
Bachelor of Science
Biology
Minor in Public Health

Kashish Chetan Patel
Bachelor of Science
Biology

Kishan Patel
Bachelor of Science
Biology

Kush Bhavesh Patel
Bachelor of Science
Biology

Meet Patel
Bachelor of Science
Biology

Mili P. Patel
Bachelor of Science
Biology
Minor in Clinical and Health Psychology

Shivani Patel
Bachelor of Science
Biology
Minor in Public Health

Viraj C. Patel
Bachelor of Science
Biology
Minor in Economics

Apnavi K. Patel****
Bachelor of Science
Biology
Minor in Chemistry

Hetvi C. Patel****
Bachelor of Science
Biology
Minor in Chemistry

Rebecca M. Payenski
Bachelor of Science
Biology

Jennifer Lucia Pennise
Bachelor of Science
Biology
Second Major in Communication Studies
Minor in English

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Biology

Matthew Powell
Bachelor of Science
Biology

Swetarani Prasad
Bachelor of Science
Biology

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Biology
Minor in Art
Certificate in Fundamentals of Programming

Francis X. Pryor
Bachelor of Science
Biology
Minor in Sociology of Health
Certificate in Genomic Medicine

Jordyn Emily Rabinowitz
Bachelor of Science
Biology

Rabbika Z. Rafiu***
Bachelor of Science
Biology

Shakibur Rahman
 Bachelor of Science
Biology
Minor in German Language and Cultural Studies
Certificate in Genomic Medicine
*Summa Cum Laude*

Meghna Rajaboina**
Bachelor of Science
Biology

Geena Roshini Rajeev
Bachelor of Science
Biology

Prabhakar Ramaswamy****
Bachelor of Science
Biology
Minor in Spanish

Owen M. Rath
Bachelor of Science
Biology
Minor in Public Health

Bernadette M. Re
Bachelor of Science
Biology
Minor in Chemistry
*Summa Cum Laude*

Manvitha Reddy
Bachelor of Science
Biology
Minor in Computer Science

Anixabel O’Neill Rodriguez*
Bachelor of Science
Biology

Pamela Isabel Rodriguez**
Bachelor of Science
Biology

Corey A. Rogers
Bachelor of Arts
Biology

Katiuska Romero***
Bachelor of Science
Biology

Gabrielle Maria Rought***
Bachelor of Science
Biology
Minor in Chemistry

Jordan Leah Rubenstein***
Bachelor of Arts
Biology

Grace M. Russo
Bachelor of Science
Biology
Minor in Business

Aya Saleh
Bachelor of Science
Biology
Minor in Business
*Summa Cum Laude*

Mohammad Saleh Salimshahshahani
Bachelor of Science
Biology
Sherin Mariam Sam****
Bachelor of Science
Biology

Meenakshi Saroop
Bachelor of Science
Biology
Certificate in Genomic Medicine
Certificate in Spanish and Latino Studies for the Health and Human Services Professions

Pangaea Lee Saunders***
Bachelor of Science
Biology

Alexandria Elizabeth Scalzo
Bachelor of Science
Biology

Sara Michele Schultze***
Bachelor of Science
Biology

Emily Olivia Scott
Bachelor of Science
Biology
Minor in Psychology

Anup H. Shah
Bachelor of Arts
Biology
Minor in Healthcare Management

Aarohi Purvesh Shah
Bachelor of Science
Biology
Minor in Public Health

Aashi T. Shah
Bachelor of Science
Biology
Certificate in Genomic Medicine

Lindsey Ann Shughart***
Bachelor of Science
Biology
Minor in Chemistry
Cum Laude

Ahaf Murshed Siddique
Bachelor of Arts
Biology

Brittani I. Sinclair****
Bachelor of Science
Biology

Harpinder Singh
Bachelor of Science
Biology

Sophia Marie Sithya
Bachelor of Science
Biology
Minor in Chemistry
Minor in Spanish

Paul A. Sokoloski
Bachelor of Science
Biology

Hermes Sotiri
Bachelor of Science
Biology

Maria N. Sous
Bachelor of Arts
Biology
Certificate in Spanish

Brittany Marcolino Souza
Bachelor of Science
Biology

Autumn E. Spory
Bachelor of Science
Biology

Samantha C. Sprechman
Bachelor of Arts
Biology
Second Major in Asian Studies

Celeine B. Stephens*****
Bachelor of Arts
Biology
Minor in Spanish

Justin G. Sunil
Bachelor of Science
Biology

Rachel Piper Suter
Bachelor of Science
Biology

Glaycier Chanze Sutherland
Bachelor of Science
Biology

Sloan Elizabeth Sweeney***
Bachelor of Science
Biology

Kylin A. Szarko****
Bachelor of Science
Biology

Mishal M. Thomas
Bachelor of Science
Biology
Cum Laude

Sheena Mariam Thomas
Bachelor of Science
Biology

Joel Kurian Thomas*****
Bachelor of Arts
Biology
Minor in General Business Studies

Rachel Kathryn Tilghman***
Bachelor of Science
Biology

Iryna Tomaieva***
Bachelor of Science
Biology

Julie Tran***
Bachelor of Science
Biology
Minor in Chemistry

Dayna Tran
Bachelor of Arts
Biology

Nora T. Tran
Bachelor of Science
Biology

Kyle Martin Tumanda***
Bachelor of Science
Biology

Benjamin Venkatesulu
Bachelor of Science
Biology
Cum Laude

Ian J. Walsh**
Bachelor of Science
Biology

Corbin Bailey Weaver
Bachelor of Science
Biology

Ryan M. White
Bachelor of Science
Biology

Alexis Whiting
Bachelor of Science
Biology

Ryan A. Williams
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Edward Martin Wilson
Bachelor of Science
Biology

*Degree completed June 2021
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Gina Wong  
Bachelor of Science  
Biology

Jonathan Wong  
Bachelor of Science  
Biology  
Minor in Nutrition

Rafat Hussni Yacoub*****  
Bachelor of Science  
Biology

Tarek S. Yahya  
Bachelor of Science  
Biology  
Minor in Clinical and Health Psychology

Welmontina Yalartai  
Bachelor of Science  
Biology

Brittany Marie Yancey***  
Bachelor of Science  
Biology

Ahmar George Younes  
Bachelor of Science  
Biology

Tony Zhao  
Bachelor of Science  
Biology

Sara Zink  
Bachelor of Science  
Biology  
Minor in Public Health

BIOLOGY WITH TEACHING

Almas Akinyi***  
Bachelor of Science  
Biology with Teaching

Bryanna Alexis Cattalo****  
Bachelor of Science  
Biology with Teaching  
Minor in Clinical and Health Psychology

Giovanna Sofia Sacco***  
Bachelor of Science  
Biology with Teaching

BIOPHYSICS

Jared Christopher Huzar  
Bachelor of Science  
Biophysics  
Distinction in Major  
Second Major in Data Science

CHEMISTRY

Gwyneth J. Acker***  
Bachelor of Science  
Chemistry

Zynab Alshatti*  
Bachelor of Arts  
Chemistry

Michael L. Black***  
Bachelor of Science  
Chemistry  
Distinction in Major

Tien Bui*  
Bachelor of Science  
Chemistry  
Distinction in Major

Madison Alexis Daly*  
Bachelor of Arts  
Chemistry

Corey J. Emery  
Bachelor of Science  
Chemistry

Maxwell Frank  
Bachelor of Science  
Chemistry

Sabreen Raed Froukh  
Bachelor of Science  
Chemistry

Neha D. Ghaghada****  
Bachelor of Arts  
Chemistry

Sandy Gustave****  
Bachelor of Science  
Chemistry

Chairin Kim  
Bachelor of Arts  
Chemistry  
Distinction in Major

Melvin Zaza Lartey***  
Bachelor of Science  
Chemistry

Derrick D. Lee  
Bachelor of Science  
Chemistry

Briana Martins***  
Bachelor of Arts  
Chemistry  
Minor in Spanish

Madalyn Paige Mendez****  
Bachelor of Science  
Chemistry

Micah Ann Milan Morton  
Bachelor of Science  
Chemistry  
Minor in Biology  
Magna Cum Laude  
Distinction in Major

Gabriela Marielle Munoz Sanchez  
Bachelor of Science  
Chemistry  
Minor in French

Binh-An T. Nguyen  
Bachelor of Science  
Chemistry  
Minor in Art History  
Cum Laude  
Distinction in Major

Griffin N. O’Neill****  
Bachelor of Arts  
Chemistry

Amit Dharmendra Patel  
Bachelor of Science  
Chemistry  
Cum Laude  
Distinction in Major

Trusha N. Patel  
Bachelor of Science  
Chemistry  
Minor in Healthcare Management

Melanie A. Reuter  
Bachelor of Science  
Chemistry  
Minor in Biology  
Distinction in Major

Omar A. Said  
Bachelor of Arts  
Chemistry

Tiana M. Van***  
Bachelor of Arts  
Chemistry  
Distinction in Major

CHEMISTRY WITH TEACHING

Christian Taylor Jon Harris***  
Bachelor of Science  
Chemistry with Teaching

Kyra Noel McDevitt  
Bachelor of Science  
Chemistry with Teaching
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<th>Degree</th>
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<td>Bachelor of Science</td>
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<td>Abin Mathews Cheriyam</td>
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<td>Minor in Digital Media Technologies Distinction in Major</td>
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<td>Michael J. D’Arcy***</td>
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<td>Christian M. Davis***</td>
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<td>Hayden Edison Downs****</td>
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<td>Emma L. Dunsinger*****</td>
<td>Bachelor of Science</td>
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*Degree completed June 2021
** Degree completed August 2021
***** Anticipated degree completion August 2022
**** Anticipated degree completion December 2022
***Degree completed December 2021
Brian P. Durkin Jr.
Bachelor of Science
Computer Science

Mary Kathleen Durnan****
Bachelor of Science
Computer Science
Minor in History

Ayman El-sayed***
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Computer Science

Jett Everett***
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Computer Science
Distinction in Major

Darnell E. Faison***
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Computer Science

Omran Ahmad Farighi***
Bachelor of Science
Computer Science

Daniel Fayad****
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Computer Science
Certificate in Computer Security and Digital Forensics

Olivia M. Felmey
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Distinction in Major

Cole Linse Fitzpatrick
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Computer Science

Jason B. Fleshel
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Computer Science

Conlin C. Fox
Bachelor of Science
Computer Science

Anna I. Gillen
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Minor in Environmental Studies
Distinction in Major

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Computer Science

John David Glatts
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Computer Science

Mihhail A. Golikov
Bachelor of Science
Computer Science
Distinction in Major

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Minor in Economics
Distinction in Major

Shane Phillip Grinkewitz
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Computer Science
Magna Cum Laude
Distinction in Major

Anthony Guerrelli
Bachelor of Science
Computer Science

Grant P. Gwiazdowski
Bachelor of Science
Computer Science
Distinction in Major

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Computer Science

Joshua D. Hageman
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Computer Science
Summa Cum Laude
Distinction in Major

Melanie Hamilton
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Liam Hart****
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Tandi Harun
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Songyuan Huang
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Nolan C. Iskra
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Ayser Jamshidi****
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Computer Science
Certificate in Computer Security and Digital Forensics

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Minor in Data Science: Computational Analytics
Certificate in Data Science: Computational Analytics

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Bachelor of Science
Computer Science
Distinction in Major

Tsunkit Lam***
Bachelor of Science
Computer Science

Tuan Lam
Bachelor of Science
Computer Science
Distinction in Major
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<td>Jason Charles Lamanna</td>
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<td>Adam Lang</td>
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*Degree completed June 2021  ** Degree completed August 2021  ***Degree completed December 2021  ****Anticipated degree completion August 2022  ***** Anticipated degree completion December 2022
Shivani S. Patel****
Bachelor of Science
Computer Science

Blake Ryan Patterson
Bachelor of Science
Computer Science
*Magnus Cum Laude*
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Terence D. Peterson
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Computer Science

Andy Robert Phillips
Bachelor of Science
Computer Science
Distinction in Major

Shah Ahmad Popal****
Bachelor of Science
Computer Science

Zachary William Preston
Bachelor of Science
Computer Science

Francesko Racaku
Bachelor of Science
Computer Science

Xhiljano Racaku
Bachelor of Science
Computer Science
*Cum Laude*
Distinction in Major

Sameera Rachakonda
Bachelor of Science
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Distinction in Major

Ronald P. Rajan*****
Bachelor of Science
Computer Science

Akshay Rajaram
Bachelor of Science
Computer Science

Rebecca Savannah Robb***
Bachelor of Science
Computer Science

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Rachel Rubin****
Bachelor of Science
Computer Science

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Computer Science

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Minor in Mathematics

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Computer Science
Minor in Physics

Brandon E. Satz
Bachelor of Arts
Computer Science
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Bachelor of Science
Computer Science

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Bachelor of Science
Computer Science
Minor in Data Science: Computational Analytics
*Summa Cum Laude*
Distinction in Major

Aaron Catton Scofield
Bachelor of Science
Computer Science
Certificate in Spanish
Distinction in Major

Viraj D. Shah
Bachelor of Science
Computer Science

Hamsa Nandana Shaik****
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Computer Science

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Computer Science

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Computer Science

Chenzuan Sun
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Computer Science

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Jacob Benjamin Taylor***
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*Cum Laude*
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Minor in Digital Media Technologies
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Gannon D. Traynor
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Phi D. Truong
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Joshua A. Vazquez
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Weiying Wang**
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Zack R. Waxler
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Computer Science

Benjamin Westburg
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Computer Science

Noah Ibn-Ismail Williams***
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Sean M. Williams
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Lewis J. Winnemore
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Joshua Dolan Withka***
Bachelor of Science  
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Yi Yang**
Bachelor of Science  
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Second Major in Finance

Jiayi Yin***
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Computer Science

Wenkai Zhai
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Computer Science

Yifan Zhang***
Bachelor of Science  
Computer Science

Jianwei Zheng
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Ricky Zhou
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Computer Science  
Distinction in Major

COMPUTER SCIENCE  
AND PHYSICS

Nenghao Lan
Bachelor of Science  
Computer Science and Physics

DATA SCIENCE

Craig Fox
Bachelor of Science  
Data Science  
Minor in Economics  
Distinction in Major

Allyson T. Fray
Bachelor of Science  
Data Science  
Certificate in Genomic Medicine  
Distinction in Major

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Magna Cum Laude  
Distinction in Major

Conor P. Iannetti
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Data Science  
Minor in Chemistry  
Cum Laude  
Distinction in Major

Benson Li
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Data Science  
Cum Laude  
Distinction in Major

Maria Anna Maltepes***
Bachelor of Science  
Data Science  
Minor in Chemistry  
Distinction in Major

Brendan A. Manning***
Bachelor of Science  
Data Science  
Summa Cum Laude  
Distinction in Major

Raj Patel
Bachelor of Science  
Data Science

Benjamin Richard Rapp
Bachelor of Science  
Data Science  
Cum Laude  
Distinction in Major

Marinos Rrapaj***
Bachelor of Science  
Data Science  
Distinction in Major

Steven Zhou***
Bachelor of Science  
Data Science  
Magna Cum Laude  
Distinction in Major

EARTH AND SPACE SCIENCE  
WITH TEACHING

Valentino Scarsellato II***
Bachelor of Science  
Earth and Space Science with Teaching

ENVIRONMENTAL SCIENCE

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Joseph Fitzgerald Barbella
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Distinction in Major

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Jason Faccenda
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Environmental Science  
Distinction in Major

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Minor in Criminal Justice

Sarah M. Hasan
Bachelor of Science  
Environmental Science

Scott F. Jedrusiak*
Bachelor of Science  
Environmental Science

Edison Qyu-Hoon Kim
Bachelor of Science  
Environmental Science

Paul King III**
Bachelor of Science  
Environmental Science

*Degree completed June 2021  
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Rachel Lazzaro  
Bachelor of Science  
Environmental Science  
Second Major in Computer Science  
Minor in Public Health  
Minor in Chemistry  
*Summa Cum Laude*  
Distinction in Major  
Distinction in Second Major

Sarah Leptuck  
Bachelor of Science  
Environmental Science  
Distinction in Major

Alexandra F. Margolin  
Bachelor of Science  
Environmental Science  
Minor in Biology  
Distinction in Major

Cody K. Moyer***  
Bachelor of Science  
Environmental Science  
Distinction in Major

Chloe G. Mullins  
Bachelor of Science  
Environmental Science  
Distinction in Major

Nathan Daniel Patterson  
Bachelor of Science  
Environmental Science

Christian Todd Rodebaugh  
Bachelor of Science  
Environmental Science

Richard D. Semmens  
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Environmental Science  
Certificate in Management  
Information Systems

Andreea Serban  
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Minor in Statistics and Data Science

Aleah Ann Snedeker  
Bachelor of Science  
Environmental Science  
Certificate in Environmental  
Professional Training  
Distinction in Major

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Environmental Science  
Minor in Biology

Hannah Rose Thomas  
Bachelor of Science  
Environmental Science  
Second Major in Geology  
Distinction in Second Major

Sara Weinberg  
Bachelor of Science  
Environmental Science  
Distinction in Major

**GENERAL SCIENCE WITH TEACHING**

Sierra J. Drummond  
Bachelor of Science  
General Science with Teaching

Chelsea Fortarezzo***  
Bachelor of Science  
General Science with Teaching

Madison Sierra McTier****  
Bachelor of Science  
General Science with Teaching

Devon Hakim Tucker  
Bachelor of Science  
General Science with Teaching

**GENOMIC MEDICINE**

Vivian Yasser Aly  
Bachelor of Science  
Genomic Medicine  
Minor in Cognitive Neuroscience

**GEOLOGY**

Evelyn Ankudovich  
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Geology

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Geology  
Certificate in Environmental  
Professional Training

Brandon Anthony Cohn***  
Bachelor of Science  
Geology  
Minor in Physics

Hannah Z. Feldman*  
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Geology  
Second Major in Environmental Science  
Distinction in Major  
Distinction in Second Major

Rebecca C. Fish***  
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Geology  
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*Summa Cum Laude*  
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Professional Training

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Geology  
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Distinction in Major

Kevin Timothy Smith***  
Bachelor of Science  
Geology

Yung Jan Yang*  
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Geology

Seraiah Yelverton-Robinson***  
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Geology

**INFORMATION SCIENCE AND TECHNOLOGY**

Taha M. Abdeljaber  
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Mohammad Abdelmohsen****  
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Information Science and Technology

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Jovie Anne Bandoy***
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Brandon Dorjkhand***
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Bachelor of Science
Information Science and Technology

Leah J. Gutowski
Bachelor of Science
Information Science and Technology

Andrew G. Hearn II***
Bachelor of Science
Information Science and Technology

William Huang
Bachelor of Science
Information Science and Technology

Saleem Husseinfeld
Bachelor of Science
Information Science and Technology

Michael Richard Ianieri
Bachelor of Science
Information Science and Technology

Chidera Love Iloka****
Bachelor of Science
Information Science and Technology

Matthew Alex Jacobs
Bachelor of Science
Information Science and Technology

Abdullah Jandali
Bachelor of Science
Information Science and Technology

Roncy M. Joseph
Bachelor of Science
Information Science and Technology

Joshua S. Jung
Bachelor of Science
Information Science and Technology

Xiaohui Kang
Bachelor of Arts
Information Science and Technology

Rose Marie Keenan***
Bachelor of Science
Information Science and Technology

Nathaniel Khun****
Bachelor of Science
Information Science and Technology

*Degree completed June 2021
** Degree completed August 2021
****Anticipated degree completion August 2022
***Degree completed December 2021
***** Anticipated degree completion December 2022
Shobhit Khurana  
Bachelor of Science  
Information Science and Technology

Gabriella Kim  
Bachelor of Science  
Information Science and Technology  
Minor in Digital Media Technologies  
Cum Laude  
Distinction in Major

Hannah Violet Knapp***  
Bachelor of Science  
Information Science and Technology

Fahd Ksara***  
Bachelor of Science  
Information Science and Technology

Dominic S. Lanza***  
Bachelor of Science  
Information Science and Technology

Allan Lau  
Bachelor of Science  
Information Science and Technology

Qionghua Li  
Bachelor of Science  
Information Science and Technology

Kevin Lynch***  
Bachelor of Science  
Information Science and Technology  
Distinction in Major

Frank Joseph Masciotro Jr.***  
Bachelor of Science  
Information Science and Technology

Michael E. McLaughlin  
Bachelor of Arts  
Information Science and Technology

Zachary Alexander Michaelson***  
Bachelor of Science  
Information Science and Technology

Stephanie M. Minnis  
Bachelor of Science  
Information Science and Technology  
Cum Laude  
Distinction in Major

Andy Mo***  
Bachelor of Science  
Information Science and Technology

Tina H. Moon  
Bachelor of Arts  
Information Science and Technology

Austin J. Mower  
Bachelor of Arts  
Information Science and Technology  
Distinction in Major

Michael Kaung Myint Myat  
Bachelor of Science  
Information Science and Technology  
Certificate in Computer Security and Digital Forensics  
Distinction in Major

Nazmun Nahar  
Bachelor of Science  
Information Science and Technology  
Certificate in Computer Security and Digital Forensics

Nelson S. Ngov  
Bachelor of Science  
Information Science and Technology  
Cum Laude  
Distinction in Major

John William Novak**  
Bachelor of Science  
Information Science and Technology

Nkem C. Ohaneny***  
Bachelor of Science  
Information Science and Technology

Jamar Palmer***  
Bachelor of Science  
Information Science and Technology

Patrick Jacob Parker  
Bachelor of Science  
Information Science and Technology

Charmy Patel  
Bachelor of Science  
Information Science and Technology  
Certificate in Computer Security and Digital Forensics  
Distinction in Major

Kesha S. Patel  
Bachelor of Science  
Information Science and Technology  
Minor in Management  
Information Systems Certificate in Computer Security and Digital Forensics  
Distinction in Major

Elijah Paul  
Bachelor of Science  
Information Science and Technology

Frank Petrillo  
Bachelor of Science  
Information Science and Technology

Vladislav Prodanchuk Sr.  
Bachelor of Science  
Information Science and Technology

Jordan A. Raimey  
Bachelor of Arts  
Information Science and Technology

Victor M. Ramirez  
Bachelor of Arts  
Information Science and Technology

Nyla Syria Rashied  
Bachelor of Science  
Information Science and Technology

Jonah Saywonson Jr.  
Bachelor of Science  
Information Science and Technology  
Certificate in Computer Security and Digital Forensics

Lakshmi Shaji***  
Bachelor of Science  
Information Science and Technology

Tajrin Zahan Shikha****  
Bachelor of Science  
Information Science and Technology

Tyler Kento Swedberg***  
Bachelor of Science  
Information Science and Technology  
Minor in Computer Science  
Distinction in Major

Darren Taing  
Bachelor of Science  
Information Science and Technology

Tina To  
Bachelor of Science  
Information Science and Technology  
Cum Laude  
Distinction in Major

Cindy Hong Tran***  
Bachelor of Science  
Information Science and Technology  
Distinction in Major

Sonny B. Tran  
Bachelor of Science  
Information Science and Technology

Braeden Z. Trautz  
Bachelor of Science  
Information Science and Technology  
Distinction in Major

Andrew Truong***  
Bachelor of Science  
Information Science and Technology  
Certificate in Computer Security and Digital Forensics

Seth A. Wiley****  
Bachelor of Science  
Information Science and Technology
Matthew Wilson***
Bachelor of Science
Information Science and Technology

Shiwen Xie***
Bachelor of Science
Information Science and Technology

Francis Joseph Yuhas***
Bachelor of Science
Information Science and Technology

Zhicheng Zhao***
Bachelor of Science
Information Science and Technology

MATHEMATICAL ECONOMICS

Salwa Asselman**
Bachelor of Arts
Mathematical Economics

Rachel Marie Small
Bachelor of Arts
Mathematical Economics
Minor in French
Cum Laude
Distinction in Major

MATHEMATICS

Elias Apsis****
Bachelor of Arts
Mathematics

John W. Bolger
Bachelor of Arts
Mathematics

Thomas J. Falcone
Bachelor of Science
Mathematics
Minor in Physics
Minor in Computer Science

Andrew James Montoya*
Bachelor of Science
Mathematics
Minor in Spanish

William F. Morris***
Bachelor of Science
Mathematics
Second Major in Computer Science

Richard L. Ninness***
Bachelor of Science
Mathematics
Distinction in Major

Jessica L. Radford
Bachelor of Science
Mathematics
Minor in Chemistry
Magna Cum Laude
Distinction in Major

Carys B. Shearer
Bachelor of Arts
Mathematics
Second Major in Global Studies

Samuel J. Ziff
Bachelor of Arts
Mathematics

MATHEMATICS AND COMPUTER SCIENCE

Jiajin Gan***
Bachelor of Science
Mathematics and Computer Science

Carlos Gonzalez
Bachelor of Science
Mathematics and Computer Science

Srikar Katta
Bachelor of Science
Mathematics and Computer Science
Minor in Statistics
Minor in Economics
Summa Cum Laude

Tugsbileg Khaliunbat****
Bachelor of Science
Mathematics and Computer Science

Brendan S. Lisowski***
Bachelor of Science
Mathematics and Computer Science

Anna Georgiyevna Minasyan
Bachelor of Science
Mathematics and Computer Science
Minor in Statistics and Data Science
Magna Cum Laude
Distinction in Major

Bryan J. Oberholtzer
Bachelor of Science
Mathematics and Computer Science
Minor in Spanish

Farin J. Rexrode
Bachelor of Science
Mathematics and Computer Science

Alec D. Todd****
Bachelor of Science
Mathematics and Computer Science

Syed Waseem
Bachelor of Science
Mathematics and Computer Science
Second Major in Neuroscience: Cell and Molecular
Minor in Chemistry
Certificate in Genomic Medicine

MATHEMATICS AND COMPUTER SCIENCE WITH TEACHING

Rebekah L. Lilliendahl****
Bachelor of Science
Mathematics and Computer Science with Teaching

Michael C. Marukos
Bachelor of Science
Mathematics and Computer Science with Teaching

MATHEMATICS AND PHYSICS

Richard G. Thrutchley
Bachelor of Science
Mathematics and Physics

MATHEMATICS AND TECHNOLOGY WITH TEACHING

Joseph Arthur Blank
Bachelor of Science
Mathematics and Technology with Teaching

MATHEMATICS WITH TEACHING

Ashlyn Nicole Bucher***
Bachelor of Science
Mathematics with Teaching

Kyle Rosenberg***
Bachelor of Science
Mathematics with Teaching

Dreshana Renae Shoffner
Bachelor of Science
Mathematics with Teaching

NATURAL SCIENCES

Alisha Alexander
Bachelor of Science
Natural Sciences
Minor in Entrepreneurship and Innovation Management

Courtney Carroll
Bachelor of Science
Natural Sciences

Victoria M. Carroll
Bachelor of Science
Natural Sciences

*Degree completed June 2021
** Degree completed August 2021
***** Anticipated degree completion August 2022
**** Anticipated degree completion December 2022
***Degree completed December 2021
Keith W. Coates  
Bachelor of Science  
Natural Sciences  
Minor in Chemistry  

Mies X. Dang  
Bachelor of Science  
Natural Sciences  

Marshall Drummond  
Bachelor of Science  
Natural Sciences  

Hassan A. Farooqi  
Bachelor of Science  
Natural Sciences  
Minor in Biology  

William Robert Godfrey***  
Bachelor of Science  
Natural Sciences  

Jami M. Heron  
Bachelor of Arts  
Natural Sciences  

Jonathan D. Hilt**  
Bachelor of Arts  
Natural Sciences  

Davy Huang***  
Bachelor of Science  
Natural Sciences  

Angie Norecia Jeanty  
Bachelor of Science  
Natural Sciences  

Sabina K. Kamoliddinova*****  
Bachelor of Arts  
Natural Sciences  

Isaac Dooyoung Kim***  
Bachelor of Science  
Natural Sciences  

Lienne V. Lai Hing  
Bachelor of Science  
Natural Sciences  

Rano Makhmudova****  
Bachelor of Science  
Natural Sciences  

April Merdon***  
Bachelor of Science  
Natural Sciences  

Jamie K. Okoli  
Bachelor of Science  
Natural Sciences  

Ayodele Onijanla-Abikoye  
Bachelor of Science  
Natural Sciences  

Priscilla Sanaa Opoku****  
Bachelor of Science  
Natural Sciences  

Cierra I. Ortiz****  
Bachelor of Science  
Natural Sciences  

Ethan J. Rawa  
Bachelor of Science  
Natural Sciences  

Tiara Kionna Taylor-Wilson**  
Bachelor of Arts  
Natural Sciences  

Alexandra Madison Webster***  
Bachelor of Science  
Natural Sciences  
Minor in Criminal Justice  

Seande Neptunne Wynter  
Bachelor of Science  
Natural Sciences  

NEUROSCIENCE: CELLULAR AND MOLECULAR  

Aderonke F. Abimbola  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Shama Antala*****  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Alisha Arora  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Healthcare Management  
Cum Laude  

Stephen E. Baak  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Chemistry  

Lewis Baker Jr.  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Psychology  
Minor in Neuroscience Research  

Saira Zia Bhatti  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Charystyna Biletsky  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Kathryn D. Bland***  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Anette Guadalupe Castro  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Frank Liu Chen****  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Gabriel Custodio****  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Lea J. Ghaleb  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Certificate in Genomic Medicine  

Marco German Ghilotti Sr.  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Daniel Golub  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Ahmad Hamid  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Computer Science  
Certificate in Genomic Medicine  
Summa Cum Laude  

Dima Yasser Khalil  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Spanish  
Minor in Chemistry  
Magna Cum Laude  

Vishwanka Kuchibhatla  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Cognitive Neuroscience  

Charita Kunta  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Chemistry  

Megan D. Llewellyn  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Clinical and Health Psychology  

John M. Mullin  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Amanda Ngoc Ha Nguyen  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Spanish  
Summa Cum Laude
Jaden H. Nguyen  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Bhakti P. Patel  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Information Science and Technology  

Komal Rajeshbhai Patel  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Chemistry  

Areebah Rahman  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Public Health  
Magna Cum Laude  

Akshaya Ramaswamy**  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Clinical and Health Psychology  

Abigail Ruth Robinson****  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Leila Elie Saikali*  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Distinction in Major  

Nikita Sajeev  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Spanish  
Summa Cum Laude  

Priya Mariyam Saji  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Chemistry  
Certificate in Genomic Medicine  

Daryna Semak*****  
Bachelor of Science  
Neuroscience: Cellular and Molecular  

Pushti Hitesh Shah***  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Art  

Arshadullah Ahmed Shaik  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Political Science  
Cum Laude  

Apoorva Reddy Sudini**  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Second Major in Health Professions  

Kartik Varsani  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Chemistry  

Gianna Danielle Vitelli  
Bachelor of Science  
Neuroscience: Cellular and Molecular  
Minor in Statistics and Data Science  

PHARMACEUTICAL SCIENCES  

Ahmed Ibrahim  
Bachelor of Science  
Pharmaceutical Sciences  

Mohamed I. Ibrahim  
Bachelor of Science  
Pharmaceutical Sciences  

Alexandra Lichvar  
Bachelor of Science  
Pharmaceutical Sciences  

Mandy Lin  
Bachelor of Science  
Pharmaceutical Sciences  

Mary A. Onafuwa  
Bachelor of Science  
Pharmaceutical Sciences  

PHYSICS  

Sophie Annette Bell***  
Bachelor of Science  
Physics  
Minor in Mathematics  

Maria Melnita Iah Lacanilao Cadete  
Bachelor of Science  
Physics  

Seamus Finn Gallagher  
Bachelor of Science  
Physics  
Minor in Mathematics  
Distinction in Major  

Adam D. Hersh****  
Bachelor of Science  
Physics  
Minor in Mathematics  

Mark Klobukov  
Bachelor of Science  
Physics  
Minor in Mathematics  
Summa Cum Laude  
Distinction in Major  

Truman Jamison Metz  
Bachelor of Science  
Physics  

Samantha E. Swinsburg***  
Bachelor of Science  
Physics  

Alhassane Traore***  
Bachelor of Science  
Physics  

Peter Lynn Wardach  
Bachelor of Science  
Physics  
Minor in Information Science and Technology  

Yooni Zoo  
Bachelor of Arts  
Physics  

PHYSICS WITH TEACHING  

Sean Edward Savage  
Bachelor of Science  
Physics with Teaching  

Please note: This program was printed before final certification of graduation. Therefore, this listing is tentative only. This is a souvenir program. Any errors or omissions are inadvertent, and the College of Science and Technology cannot be held responsible. The transcript is the official record.
Student Awards

ALEXANDER VON HUMBOLDT SCIENCE EDUCATION AWARD
This award is given to a Tuteach student who has inspired others to learn science. The award is made in honor of Alexander von Humboldt (1769-1859), who created the way we understand nature today. He developed the idea up that nature was a web of life and described Earth as a living organism.

Sean Edward Savage
Alexandra Rebecca Uchenik

AMERICAN CHEMICAL SOCIETY UNDERGRADUATE AWARD IN ANALYTICAL CHEMISTRY
Awarded to an outstanding student who has displayed an interest in and aptitude for analytical chemistry.

Binh-An T. Nguyen

AMERICAN CHEMICAL SOCIETY UNDERGRADUATE AWARD IN INORGANIC CHEMISTRY
Awarded to an outstanding student who has displayed an interest and aptitude for inorganic chemistry.

Gabriela Marielle Munoz Sanchez

AMERICAN CHEMICAL SOCIETY UNDERGRADUATE AWARD IN ORGANIC CHEMISTRY
Awarded to an outstanding student who has displayed an interest and aptitude for organic chemistry.

Micah Ann Milan Morton

AMERICAN CHEMICAL SOCIETY UNDERGRADUATE AWARD IN PHYSICAL CHEMISTRY
Awarded to an outstanding student who has displayed an interest in and aptitude for physical chemistry.

Melanie A. Reuter

AMERICAN INSTITUTE OF CHEMISTS AWARD
Awarded to an outstanding senior majoring in chemistry, chemical engineering, or biochemistry. This award is given based on demonstration of leadership, ability, character, scholastic achievement, and potential for advancement of the chemical professions.

Sarah Emily Chan

BARAK ARTZY MEMORIAL AWARD
Established in 1976 by Helene H. Stolker, in memory of Barak Artzy, the Artzy Award is presented to a member of the graduating class who has been an outstanding student in biochemistry, biology, or chemistry in the pre-medical program.

Nikita Sajeev

CHARLES HODGE IV PRIZE IN BIOLOGY
Established in 1985 by Dr. Ruth Patrick in memory of her husband, Dr. Charles Hodge IV, a member of the Department of Biology, this prize is awarded to a graduating senior in the Biology Department who has been distinguished in the areas of research and scholarly achievements.

Ali Y H Y Alqallaf
Ahmad Hamid
Hannah Danielle LaBouliere
Paulina Sanur Lipman
Bernadette M. Re

CHEMISTRY UNDERGRADUATE SERVICE AWARD
Awarded to an undergraduate student who has made exceptional service contributions to the Chemistry Department.

Binh-An T. Nguyen

COLLEGE OF SCIENCE AND TECHNOLOGY STUDENT ADVISOR AWARD
This prize is awarded to a student advisor/ombudsperson who has demonstrated an outstanding record of scholastic achievement and service to students.

Madeline J. Markussen

COMPUTER AND INFORMATION SCIENCES DEPARTMENT AWARD FOR OUTSTANDING ACHIEVEMENT
Awarded to the member of the graduating class who is concentrating in CIS with the highest overall grade point average.

Cecily Devaney
Joshua D. Hageman

COMPUTER AND INFORMATION SCIENCES DEPARTMENT AWARD FOR OUTSTANDING UNDERGRADUATE COURSE ASSISTANT
Awarded to a CIS course assistant for excellence in teaching.

Amira I. Annous
Rachel Lazzaro
DONALD AND ANNETTE BAIRD FAMILY AWARD
Established in 2012 by Dr. Douglas Baird, to provide awards to academically excellent junior or senior students in the TTeach program who have a commitment and an ability to teach, a demonstrated dedication to community service and strong moral character.

Rebekah L. Lilliendahl

DR. NINA W. HILLMAN AWARD
Established in 2012 Dr. Ralph Hillman in memory of Laura H. Carnell Professor of Biology Nina W. Hillman, the award is given to a graduating senior in biology who has shown excellence in both the classroom and in research in developmental biology or genetics.

Shakibur Rahman

ENVIRONMENTAL SCIENCE UNDERGRADUATE AWARD
The award goes to an outstanding senior earning a BS in Environmental Science who has a high GPA and active participation in environmental activities and/or research.

Rebecca Bertel

HELEN LESHOCK MOLNAR AND JEFFREY G. MOLNAR (CST ’76) AWARD
Established in 2008 by Jessie L. Smith to provide an award to an outstanding graduating senior who majored in either chemistry or geology, with preference given to female students. Award recipient determined by CST and the Department of Earth & Environmental Science.

Shreya Mayank Shah
Julienne C. Smith

ISAAC NEWTON AWARD
Awarded to a deserving student in recognition of their efforts in the Mathematics Department.

Richard Thrutchley (2021)

JAMES A. HARRISON MEMORIAL AWARD
Established in 1975 by Henry Harrison in memory of Dr. Harrison, a member of the department of biology faculty for 35 years, the award is presented to an outstanding senior biology major on the basis of scholarship, research accomplishment and extra-curricular activities in the department. The recipient is determined by the Department of Biology.

Amanda Ngoc Ha Nguyen

JASCO ANALYTICAL AWARD
Awarded to a graduating chemistry major who has demonstrated a high level of achievement in the field of analytical chemistry.

Amit Dharmendra Patel

LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION (AMP) AWARD FOR ACADEMIC ACHIEVEMENT
Awarded to a student who has demonstrated academic excellence within the Alliance for Minority Participation program.

Joy L. Gonzalez
Jessica Katelyn Little
Ammy Annetty Rodriguez Encarnacion
Jacob Benjamin Taylor

LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION (AMP) AWARD FOR RESEARCH
Awarded to a student who has demonstrated research excellence within the Alliance for Minority Participation program.

Cameron J. Cole
Salman N. Khaledi
Noah Ibn-Ismail Williams
Seraiah Yelverton-Robinson

LT. NATHAN D. LANE, ARTS ’31, SENIOR MEMORIAL PRIZE IN SCIENCE
This is an award for a graduating senior who is a veteran. It was set up in honor of LT. Nathan D. Lane, Arts ’31 who died while serving in the Navy in WWII. The original award was funded by his fraternity brothers.

Ryan A. Williams

MURRAY GREEN MEMORIAL PRIZE IN PHYSICS
Established in 1995 by Murray Green, CST ’57, the prize is awarded to an outstanding graduating student majoring in physics. The award recipient is determined by the Department of Physics.

Seamus Finn Gallagher

NATAN LUEHRMANN-COWEN MEMORIAL AWARD
Established by Mia Luehrmann and Ben Cowen in 2010 to provide for an award to an outstanding junior or senior in the College of Science and Technology who demonstrates academic excellence. Preference will be given to students who have also demonstrated achievement in one or more of the following: chess, bridge, or playing a musical instrument.

Mark Klobukov
Rachel Lazzaro

ORIN N. CHEIN MOST PROMISING MATHEMATICS MAJOR AWARD
Established in 1995 by Orin Chein, longtime faculty member in the Department of Mathematics and current professor emeritus of mathematics, the award is presented to a student who excels in a theoretical, proof-writing mathematical course, such as Basic Math Concepts or Modern Algebra, and demonstrates great potential in the field.

Jessica L. Radford (2021)
**OTTO KURSCHNER MEMORIAL AWARD**
Awarded in memory of Otto Kurschner, A.B. 1914, Temple University, to a member of the graduating class concentrating in biology, biochemistry, geology, or physics who has attained the highest scholastic average.

Hamid Ahmad
Kristine Chin
Hannah Danielle LaBouliere
Nikita Sajeev
Nicholas Aaron Sharpe

**PAUL G. CURCILLO II, MD BIOLOGY AWARD**
Established in 2008 by Paul G. Curcillo II, MD, CST '84, to provide annual awards to seniors majoring in biology with demonstrated excellent academic performance.

Kristine Chin

**PHILADELPHIA SECTION OF THE AMERICAN CHEMICAL SOCIETY AWARD**
Awarded to the member of the graduating class, concentrating in chemistry, whose work in that field has been outstanding

Micah Ann Milan Morton
Nicholas Aaron Sharpe

**PHYLLIS ZAYON STEINBERG MEMORIAL AWARD IN MATHEMATICS**
Established by Dr. Leon Steinberg in memory of Phyllis Zayon Steinberg, gifted mathematician, former student and member of the Mathematics Department, the Steinberg Award is presented to a member of the graduating class who has demonstrated superior achievements in the math program and has promise in the field of mathematics. The recipient is determined by the Department of Mathematics.

Jessica L. Radford

**SCOTT HIBBS FUTURE OF COMPUTING AWARD**
An award for undergraduate or graduate students who have demonstrated excellence in computer science research and project design and implementation.

Srikar Katta

**SOL AND ELISE DEGLIN MEMORIAL AWARD**
Established in 1977 by Beatrice Deglin Leder, EDU '42, and others in honor of her brother, Sol Deglin, EDU '38, the Deglin Award is presented to outstanding graduating biology students who are interested in teaching careers.

Giovanna S. Sacco

**UNDERGRADUATE GEOLOGY AWARD**
The award goes to an outstanding Geology senior with high GPA and active participation in department activities and research.

Joseph E. Martina

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**CONGRATULATIONS TO ALL GRADUATES AND THEIR FAMILIES AND FRIENDS.**

**GRADUATION PHOTOS**
A photographer from Legacy Photographics is at the ceremony today. Each graduate is photographed as they cross the stage. Legacy Photographics, Inc. will contact each graduate after the ceremony with information on how to purchase photos. If you have any questions, please contact Legacy at 1-800-447-2550 or 610-279-1791 or visit their website www.legacyphoto.com

**ACKNOWLEDGEMENTS**
Special thanks to the College of Science and Technology’s Office of the Dean, Center for Academic Advising and Professional Development and CST academic departments for organizing this event.

**MISSION STATEMENT**
The mission of the College of Science and Technology is to seek academic excellence by providing outstanding instruction in the sciences and to foster scientific research of the highest quality. In pursuing its mission, the college is committed to meeting the needs of a diverse student body and is truly dedicated to the founding principles of Temple University in providing a superior education to the prepared student.
TEMPLE UNIVERSITY
COLLEGE OF SCIENCE
AND TECHNOLOGY
GRADUATION CEREMONY
WEDNESDAY, MAY 4, 2022

PERSEVERANCE CONQUERS
2022

TIME TO FLY