

PRECOMMENCEMENT

SAINT LOUIS UNIVERSITY | CLASS OF 2023



ACADEMIC ATTIRE

The colorful attire worn by graduates, faculty, trustees and officers of the University has historic roots in the distant medieval past. Dressed in cap and gown, the graduates and their professors are part of a long tradition that dates back to Paris and Bologna, Italy, to Oxford and Cambridge, England, in the days of their Catholic glory.

The exact origins of several parts of the academic garb are a bit of a mystery. Because medieval students enjoyed the status of cleric during their university years, one might guess that their attire found its inspiration in the clerical dress of medieval times. The gown seems to be an adaptation of the robe of friar or priest; the hood, of the monk's or friar's cowl; and the mortarboard cap of today recalls the skullcap of days when tonsured heads needed protection against the drafts of medieval classrooms.

Academic attire began to appear on U.S. campuses in the late 1890s. Since that time, its use has become universal for solemn university functions, and its pattern is highly uniform.

THE GOWNS

The gowns are three in number and styling. That of the bachelor is a yoked, closed-front garment with long pointed sleeves; that of the master has sleeves long and closed but slit just above the elbow to allow the forearms to protrude; the gown of the doctor has full, bell-shaped sleeves. Only the doctor's gown is trimmed — with velvet panels down the front and three velvet bars on each sleeve.

THE HOOD

The hood at first seems to have been worn over the head and attached to the gown. When the skullcap was introduced, the hood was retained but detached and worn much as it is today. Each degree (bachelor's, master's, doctoral) has its special hood, which varies in length and, for the doctor, also in pattern. The color or colors lining the hood are those of the college or university that granted the wearer's degree. For example, Saint Louis University is known by blue chevron on a field of white. The colored velvet binding or edging of the hood, in different widths for bachelor, master and doctor, is determined by the field of study.

THE CAP

The cap, or mortarboard, has become the universally accepted style for colleges and universities in the United States. Many European institutions still retain distinctive forms of academic headdress.

THE TASSEL

The tassel is perhaps the most iconic souvenir of academic attire. The doctor, following graduation, has the right to wear a gold tassel on the mortarboard; black, however, is perfectly proper and perhaps more common. A tolerated practice of varying the color of the tassel on the others has gained acceptance: arts, white; science, gold-yellow; philosophy, dark blue; education, light blue; business, drab; nursing, apricot; technology and engineering, orange; hospital administration, salmon; public administration, peacock blue; social work, citron; law, purple; medicine, green; theology, scarlet; and allied health professions, mint green.

ORDER OF EVENTS

WELCOME

Scott Sell, Ph.D.

Associate Dean for Undergraduate Education

PRESENTATION OF COLORS

Parks Guard Rifle Drill Team

NATIONAL ANTHEM

THE INVOCATION

James A. Sebesta, S.J., M.S.

DEAN'S REMARKS

Scott Sell, Ph.D.

Associate Dean for Undergraduate Education

Presentation of the Graduates

Awards

GRADUATING STUDENT AWARDS

THE BENEDICTION

James A. Sebesta, S. J., M.S.

RECESSIONAL

THE GRADUATES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

AERONAUTICS

Khaled Farouq Abusaid

Saint Louis, Missouri
Flight Science

Christopher Olawale Aderupatan

Chicago, Illinois
Aviation Management

Mohamed Morad Almajid

Chicago, Illinois
Flight Science
magna cum laude

Salem B. Alotaibi

Makkah, Saudi Arabia
Aviation Management
cum laude

David Joseph Barajas

San Francisco, California
Flight Science
cum laude

Nicholas J. Bohn

West Bend, Wisconsin
Flight Science
cum laude

Adam T. Burke

Shawnee, Kansas
Flight Science
magna cum laude

Samuel Holthaus Byrne

Saint Louis, Missouri
Flight Science
magna cum laude

Ruth C. Calix

Chicago, Illinois
Aviation Management

Zachary John Carlson

Highland, Illinois
Flight Science

Chia-Hsing Chu

Taoyuan, Taiwan
Flight Science
cum laude

Gerald Ray Cockrum

Granite City, Illinois
Flight Science

Yu Feng

Saint Louis, Missouri
Flight Science

Jacob William Flowers

Saint Louis, Missouri
Aviation Management

Patrick Daniel Forester

Edmond, Oklahoma
Aviation Management

Cody Robert Going

Florissant, Missouri
Flight Science

Akio Karl Hansen

Bainbridge Island, Washington
Aviation Management
summa cum laude

Christian Robert Henkel

Batavia, Illinois
Aviation Management
summa cum laude

Devin James Henneberry

Scottsdale, Arizona
Flight Science
magna cum laude

Logan James Hine

Columbia, Missouri
Flight Science

Kellen Leighton Johnson

Saint Louis, Missouri
Flight Science

Kyle David Kaestner

O'Fallon, Missouri
Flight Science
summa cum laude

Alma Karabas

Saint Louis, Missouri
Flight Science
cum laude

Marike Angela Lusvitania Kobepa

Nabire, Papua, Indonesia
Aviation Management

Tyler Glenn Lambert

Pacific, Missouri
Aviation Management
summa cum laude

Samuel Cooper Lehmann

Dunwoody, Georgia
Flight Science
magna cum laude

Stephen Patrick Lindberg

Kildeer, Illinois
Aviation Management

Poyi Liu

Taipei, Taiwan
Aviation Management

Angela Marie Lowell

Kailua, Hawaii
Flight Science
magna cum laude

Joseph Kyle Mason

Saint Louis, Missouri
Aviation Management
summa cum laude

Christopher Charles Moll

Cincinnati, Ohio
Flight Science
summa cum laude

Ijahman Elon Morgan

Springfield, Massachusetts
Flight Science
cum laude

Hannah Marie Nodge

Cleveland, Ohio
Flight Science
magna cum laude

Johan Ivan Perez

Chicago, Illinois
Aviation Management

Michael Gerard Place

Highlands Ranch, Colorado
Flight Science
magna cum laude

Alexander Donald Schulz

Fenton, Missouri
Aviation Management

Curtis James Scott
Chicago, Illinois
Flight Science

Nathaniel M. Seliner
Saint Louis, Missouri
Flight Science

Adam Jacob Shelton
Pawnee, Illinois
Flight Science
magna cum laude

Andrew Reed Sinelli
Apache Junction, Arizona
Flight Science
summa cum laude

Tessa Lynne Snow
Fairview, Missouri
Aviation Management

Ashley Paige Storz
Saint Louis, Missouri
Aviation Management
summa cum laude
Additional Major: Psychology

James Holden Strickland-Amico
Durham, North Carolina
Flight Science

Marisa Warren
O'Fallon, Missouri
Flight Science

Patrick Miles Waterman
Indianapolis, Indiana
Flight Science
cum laude

AEROSPACE ENGINEERING

Luis Andrés Mariño
Boadilla del Monte, Spain

Ketura A. Bates
Huntsville, Alabama

Michael Robert Blunt
Wentzville, Missouri

Chems Eddine Boudiaf
Madrid, Spain

Michael Edward Brady
Littleton, Colorado
magna cum laude

Pasquale Joseph Brandonisio
Hampshire, Illinois

Francisco De Jesus Bueno Rojas
Saint Louis, Missouri

Alejandro Calleja Bezares
Logroño, La Rioja, Spain
magna cum laude

Andres Castillo
Chicago, Illinois

Jordan Andrew Decker
Clinton, Wisconsin

Victoria Lizbeth Ervin
Pensacola, Florida
cum laude

Ford O. Frazer
Plainfield, Illinois

Griffin Patrick Goss
Kansas City, Missouri
cum laude

Fauzan Hakimi Hasanbasri
Sleman, Indonesia

Michael W. He
Chesterfield, Missouri

Keegan Patrick Hegger
Saint Louis, Missouri

Stephen D. Hyndman
Prospect Heights, Illinois

William Jared Jackson
Saint Peters, Missouri

Caleb Kasten
Saint Louis, Missouri
cum laude

Marcus Charles Klupar
Skagway, Alaska

Juanita Latorre Jaramillo
Medellin, Colombia
summa cum laude

Cullen Maxwell Leming
Ballwin, Missouri

Jeffrey Todd Lewis
Saint Louis, Missouri

Eduardo Lobo Infante Da Camara Teixeira
Curitiba, Brazil
magna cum laude

Jorge Martin De Valmaseda Sarrion
Madrid, Spain

Julia Elizabeth Maxwell
Germantown, Tennessee
summa cum laude

Matthew Ryan Metz
West Bend, Wisconsin
magna cum laude

Louis Otto Meyer
Saint Louis, Missouri
summa cum laude

Ainhoa Muñiz Quintana
Madrid, Spain
cum laude

Atef El Nakib
Beirut, Lebanon

Blake Fisher Peftoulidis
Humboldt, Tennessee

Nicole M. Russ
Cary, Illinois

Mateo Salazar
Chicago, Illinois

Aaron Clark Staszewski
Hampshire, Illinois
magna cum laude

Shane Kevin Todd
Centennial, Colorado

Daniel Victor Verdico
Arlington Heights, Illinois
summa cum laude

Benjamin J. Wielgos
Plainfield, Illinois

THE GRADUATES

Jackson P. Woodside-Miller
Union, Missouri
summa cum laude

Benjamin Louis Young
Metairie, Louisiana
cum laude

BIOCHEMISTRY

Christopher L. Friend
Riverside, Illinois
magna cum laude

Jonah Dawson Koch
Florissant, Missouri
University Honors Program
summa cum laude

Leah Y. Liu
Bakersfield, California
cum laude

Nicholas John Meyer
Des Plaines, Illinois
summa cum laude

Blake Recupido
Matteson, Illinois
University Honors Program
summa cum laude
Additional Major: English

Kathleen O'Malley Rosfelder
Avon, Ohio
summa cum laude

Avdo Sahbaz
Saint Louis, Missouri

Emily Rose Schroeder
Saint Charles, Missouri
magna cum laude

Joshua Steven Schultz
Lake Zurich, Illinois

Kirsten Elizabeth Sully
Loveland, Colorado
magna cum laude

Shirley Syed
Edwardsville, Illinois
University Honors Program
summa cum laude
Additional Major: Women's &
Gender Studies

Rouziyet W. Warrad
O'Fallon, Missouri
magna cum laude

Louisia Yang
Saint Louis, Missouri

BIOMEDICAL ENGINEERING

Isaac Duane Beck
Mascoutah, Illinois
cum laude

Bridget Rose Boland
Saint Paul, Minnesota
cum laude

Tabitha A. Cacheris
Chesterfield, Missouri
cum laude

Angela C. Carey
Pocahontas, Illinois
cum laude

Gabriella Lydia Coronado
Colorado Springs, Colorado

Matthew James Draper
Omaha, Nebraska
University Honors Program
magna cum laude

Garrett R. Ellebrecht
O'Fallon, Missouri

Allison K. Faber
Mount Prospect, Illinois
University Honors Program
summa cum laude

Mohit Singh Grewal
Saint Peters, Missouri

Ali Ayed Hamed
Saint Louis, Missouri
cum laude

Tyree Zyair Hicks
Lansdowne, Pennsylvania

Olivia Rae Johnson
Libertyville, Illinois
summa cum laude

Sean Yubeen Kim
Vernon Hills, Illinois
University Honors Program
summa cum laude

Claire O. Lois
Menomonee Falls, Wisconsin
summa cum laude
Additional Major: Mathematics

Ahmed Mahmoud
Saint Louis, Missouri
summa cum laude

Joseph Paul Marchi
Saint Louis, Missouri
magna cum laude

Meghan L. McCabe
Chicago, Illinois
University Honors Program
magna cum laude

Danielle A. McTigue
Eureka, Missouri
University Honors Program
magna cum laude

Aakash Navaneeth Nagarapu
Hoffman Estates, Illinois
University Honors Program
summa cum laude

Nicholas Anthony Navarrete
Chicago, Illinois

Parul Nigam
Edwardsville, Illinois
magna cum laude

Nina Oforji
Chicago, Illinois

Madelyn F. Person
Morrow, Ohio
summa cum laude
Additional Major: Mathematics

Nathan Warden Platcher
Wildwood, Missouri
cum laude

Jeremy M. Roenker
Cincinnati, Ohio
summa cum laude

Natalie Marie Roush

Waterloo, Illinois
cum laude

Caroline Ann Smyth

Cincinnati, Ohio

Ray Cedric Y. Solijon

Kennett, Missouri

Connor Patrick Eikichi Tobo

Highlands Ranch, Colorado
magna cum laude

Olivia Grace Widdoes

Sapulpa, Oklahoma
cum laude
Additional Major: Studio Art

Grace A. Yost

Alton, Illinois
summa cum laude

Anna R. Zurawski

Mercer Island, Washington
magna cum laude

**CHEMICAL BIOLOGY AND
PHARMACOLOGY**

Varin Gupta

Naperville, Illinois
University Honors Program
cum laude

Calista Rose Harvey

Mokena, Illinois
University Honors Program
magna cum laude

Regan Marie Orr

Greenbrier, Tennessee
University Honors Program
summa cum laude

Annabella Jaylyn Feili Robinson

Harrisburg, Illinois
magna cum laude

Andrew Raymond Schab

Orland Park, Illinois
magna cum laude

CHEMISTRY

Rhea Nichole Caldwell

Swansea, Illinois

Sarah M. Erickson

Chicago, Illinois
magna cum laude
Additional Majors: Classical
Humanities and Greek & Latin
Language & Literature

Joseph Gerard Feder

Ballwin, Missouri
summa cum laude
Additional Majors: Economics and
Mathematics

Briana Patrice Gregory

Saint Louis, Missouri

Molly Melzer

O'Fallon, Illinois
cum laude

Emma R. Mize

Saint Charles, Missouri
University Honors Program
summa cum laude

Tenzin Woser Norkhang

Skokie, Illinois

Mitchell Christopher Vandercar

Decatur, Illinois
cum laude

CIVIL ENGINEERING

Shenouda Adel Kamal Gadalla

Rezk
Cairo, Egypt

Amelie M. Buchard

Portland, Oregon
summa cum laude

Cooper Robert Chiburis

Saint Louis, Missouri

Urja Aakash Gajera

Springfield, Illinois
magna cum laude

Jessica Melisa Garcia

Saint Louis, Missouri

Kateri Marie Heithaus
Florissant, Missouri
cum laude

Brandon T. Hoff

Sussex, Wisconsin
cum laude

Kelsey Watters Hoover

Fort Thomas, Kentucky

Donovan Bernard Jones

West Chester, Ohio

Adrian Martin Ramirez

Madrid, Spain

Kayden T. McCullough

Papillion, Nebraska
cum laude

Nguyet Duong Minh Nguyen

Saint Louis, Missouri
magna cum laude

Salim M. Nur

Chicago, Illinois

Bonnie Elizabeth Peccola

Saint Louis, Missouri
magna cum laude

Ryan Francis Peters

Kirkwood, Missouri

Jacob Louis Reznikov

Saint Louis, Missouri

Katelyn Grace Zalewski

Homewood, Illinois
magna cum laude

COMPUTER ENGINEERING

Adelia A. Grapperhaus

Saint Charles, Missouri

Shakhboz B. Hasanov

Saint Peters, Missouri

Abhinav Kumar

New Delhi, India
magna cum laude

Jithin Martin

North Aurora, Illinois

Claire Catherine Mitchell

Saint Louis, Missouri

THE GRADUATES

Brian M. Murphy

Chicago, Illinois

Rashid F. Ormani

Saint Louis, Missouri

Lindsey Marie Postula

Mascoutah, Illinois

Arthur Jacek Sosin

Mount Prospect, Illinois
cum laude

Eric Michael Suter

Manchester, Missouri
cum laude

Certificate: Geographic Information Systems

COMPUTER SCIENCE

Andrew Kent Berry

Saint Louis, Missouri

Logan J. Blaesing

Mount Sterling, Illinois

Tyler M. Bush

Saint Louis, Missouri

John T. Coffman

Belleville, Illinois

Cori Nicole Diaz

Wildwood, Missouri
cum laude

Traison James Diedrich

Johnsburg, Illinois

Sean Rohen Gerty

University City, Missouri
cum laude

Josiah Glyshaw

Saint Louis, Missouri
summa cum laude

Anthony Dewayne Hampton

Hazelwood, Missouri

Andrew Kenneth Hediger

Ballwin, Missouri
cum laude

Austin James Howard

Champaign, Illinois
magna cum laude

Boran Li

Saint Louis, Missouri

Sinuo Liu

New Town, Hong Kong

Daniel Xiafeng Mao

Madrid, Spain
magna cum laude

Thomas Xavier McGuigan

Madison, Wisconsin
cum laude

Tyler Mark McMahon

Waukesha, Wisconsin
cum laude

Anh H. Nguyen

Saint Louis, Missouri
magna cum laude
Additional Major: Mathematics

Bridget O'Reilly

Saint Peters, Missouri

Shlok P. Patel

Naperville, Illinois

Andrew William Sadler

Wildwood, Missouri

Vishnu Sivaprasad

O'Fallon, Missouri
cum laude

Mark Skroba

Chesterfield, Missouri

Taylor Elizabeth Streff

Libertyville, Illinois
summa cum laude

Thang Vay

Saint Louis, Missouri
magna cum laude

Colleen Therese Wade

Darien, Illinois
cum laude

Jacob Wahle

Saint Louis, Missouri
summa cum laude

Logan Matthew Wyas

Saint Louis, Missouri
magna cum laude

ELECTRICAL ENGINEERING

Ryan M. Andersen

Lake Oswego, Oregon
Bioelectronics
summa cum laude

Yiming Dong

Chengdu, Sichuan, China

Rowan Hutchence Elwart

Brookfield, Illinois

Andrew Kotz

Woodbury, Minnesota
Bioelectronics
cum laude

Emily K. Nunn

Evansville, Indiana

Abigial Paredes

Saint Louis, Missouri
Bioelectronics
summa cum laude

ENGINEERING PHYSICS

Jesed Guzman Diaz

New York City, New York
Aerospace Engineering

Sheridan M. Grant

Oak Park, Illinois
Mechanical Engineering

Kade Macartan Johnson

Johnston, Iowa
cum laude

Marcus Lespasio

Norfolk, Massachusetts
University Honors Program
summa cum laude
Additional Major: Mathematics

ENVIRONMENTAL SCIENCE

Fiona E. Becker

Saint Louis, Missouri
Biology
magna cum laude
Additional Major: Biology

Cormac Paul Brennan

Franklin, Tennessee
Chemistry
University Honors Program
magna cum laude

Ethan James Brewer

Waukesha, Wisconsin
Geoscience
Certificate: Geographic Information Systems

Amy E. Cook

Jefferson City, Missouri
Biology
magna cum laude

Riley Jane LeBombarb Demo

Lenexa, Kansas
Biology
University Honors Program
magna cum laude

Connor Matthew Eschmann

Saint Louis, Missouri
Geoscience
summa cum laude
Certificate: Geographic Information Systems

Bryce Lackland

Saint Louis, Missouri
Atmosphere
Additional Major: Environmental Studies

Tyler Repa

Fenton, Missouri
Geoscience

Elizabeth Rose Schwartz

Cincinnati, Ohio
Biology
Additional Major: Political Science

Jack Dalton Sciaratta

Hawk Point, Missouri
Geoscience

Brigid Winnifred Tunney

Tinley Park, Illinois
Biology
magna cum laude

ENVIRONMENTAL STUDIES

Kristen Rose-lynn Gollwitzer

Saint Louis, Missouri
cum laude
Certificate: Geographic Information Systems

Bianca Jane Haffner

Farmington, Missouri

Kiyan K. Haider

Saint Louis, Missouri

Rachel Mariel Mayhall

Saint Louis, Missouri
Society & the Environment
magna cum laude
Certificate: Geographic Information Systems

Zachary Thomas Mueller

Saint Louis, Missouri
Certificate: Geographic Information Systems

MECHANICAL ENGINEERING

Hannah Bessmer

Cuyahoga Falls, Ohio
magna cum laude

Ryan Allen Bjerke

Dunstable, Massachusetts

Charles E. Carroll

Madison, Wisconsin

Alexander Ethan Christian

Saint Louis, Missouri
summa cum laude

Reid Kersten Chunn

Saint Louis, Missouri

Grace Anne Coleman

Des Moines, Iowa
cum laude

Anthony Edward De Luca

Foothill Ranch, California

Madeline Grace DeClue

Festus, Missouri

Hayden F. Eckstein

Saint Louis, Missouri
cum laude

Elliott Ekindi

Villennes-sur-Seine, France

Ryan Michael Evans

Chicago, Illinois
magna cum laude

Michaela C. Godlewski

San Clemente, California
cum laude

Elliott E. Guereca

Chicago, Illinois

Jaclyn Alyse Heigert

Mackinaw, Illinois
University Honors Program
magna cum laude

Christiana Hietter

Gilbert, Arizona
summa cum laude

Mary Emma Kallianis

Chicago, Illinois
cum laude

Joel Kannath

Prospect Heights, Illinois

Vassiliki Karamouzi

Thessaloniki, Greece

Michael Edward Kenney

Woodbury, Minnesota
summa cum laude

Natalie S. Lassak

Lemont, Illinois
summa cum laude

Silvia Maria Lockhart

Lake Saint Louis, Missouri

Payton Amanda Loftis

Muskego, Wisconsin
magna cum laude

Sean Connell Magnuson

Springfield, Virginia
cum laude

Max Connery Matura

Burr Ridge, Illinois

Joseph Lawrence Preboy

Plano, Texas

THE GRADUATES

Joshua Luis Quezada
Huntley, Illinois

John Michael Ross
Chicago, Illinois
magna cum laude

Shaun J. Samuel
Waukegan, Illinois
cum laude

Sally Jee Hyun Shim
Cerritos, California
cum laude

Humza Amir Siddiqui
Ballwin, Missouri

Jeremy R. Thronson
Cedar Rapids, Iowa
University Honors Program
magna cum laude

Zachariah Tiberghien
Saint Louis, Missouri
magna cum laude

Antoine Edward Traboulsi
Beirut, Lebanon
magna cum laude

Dylan DeWayne Turner
Irondale, Missouri

Henry Michael Vance
Dallas, Texas
magna cum laude

Stephen Andrew Wilson
Saint Louis, Missouri
cum laude

Tyler T. Winkelmann
Palos Heights, Illinois
magna cum laude

METEOROLOGY

Elizabeth M. Bannon
Naperville, Illinois

Garrett Brodie Hamilton
Woodstock, Georgia

Samuel J. Hernandez
Cibolo, Texas
summa cum laude

PHYSICS

Bashar Aziz
Gloucester, Ontario, Canada
summa cum laude
Additional Major: Biochemistry

Abigail Sohm
Plymouth, Minnesota
cum laude

Harishaan Suthan
Edwardsville, Illinois
cum laude

MASTER OF SCIENCE

ARTIFICIAL INTELLIGENCE

Mohsen Aghazade Eedloo
Saint Louis, Missouri

Omar Al Akkad
Damascus, Syria
Thesis Title: *Membership Inference Attacks on Time Series Data*

Rajesh Bheemanaboyena
Guntur, India

Satish Kumar Deverapalli
Chintalapudi, India

Troy E. Hofstrand
Springfield, Illinois

Osama Ibraheem
Saint Louis, Missouri

Vijay Varshini Lakshmi Narayanan
Tamil Nadu, India

Jomari Lanzi
Grover, Missouri

Greih Murray
Jefferson City, Missouri

Sai Sri Raj Pasumarthu
Bengaluru, India

Mahdi Rahbar
Tehran, Iran

Akshay Reddy
Pune, India

Peter Geoffrey Rhodes
Chapin, South Carolina

Varun Venkatesh
Bengaluru, India

MASTER OF SCIENCE

BIOINFORMATICS & COMPUTATIONAL BIOLOGY

Ashley Michelle Hahn
Saint Louis, Missouri

Ethan Kao
Taipei City, Taiwan

Timothy Do Kosfeld
Saint Louis, Missouri

Samuel Timothy Peters
Collinsville, Illinois

Helen M. Richards
De Pere, Wisconsin

Bharathi Vallabhaneni
India

MASTER OF ARTS

CHEMISTRY

Daniel S. Gibson
University City, Missouri

MASTER OF SCIENCE

CHEMISTRY

Grant Warner Cone
Blue Springs, Missouri

Madeline Paige Stockell
Eureka, Missouri

MASTER OF SCIENCE

CHEMICAL BIOLOGY

Mitsate Beyero
Indian Trail, North Carolina

Alaina T. Knier
Grafton, Wisconsin
Thesis Title: *Evaluating Effects of Ribonuclease H Inhibitors on Hepatitis B Virus and its Polymerase Protein*

MASTER OF SCIENCE

COMPUTER SCIENCE

Abhishek Adepu
Lb Nagar, India

Uday Prasad Aitha
Karimnagar, India

Vineeth Reddy Allam
Telangana, India

Surya Koti Kiran Annamdevula
Rajahmundry Urb, India

Harshitha Badeti
Hyderabad, India

Rajesh Bandi
Hyderabad, India

Sai Prasad Bandi
Yadadri Bhongir, India

Bhargavi Reddy Beravelli
Hanamkonda, India

Rishith Rao Boinpally
Karimnagar, India

Patrick Miles Cuba
Saint Louis, Missouri

Sai Priyatham Dasari
Andhra Pradesh, India

Naga Ganesh Dhanekula
Vijayawada, India

Manasa Gade
Wanangal Urban, India

Kimaya Lalit Gandhi
Pune, India

Vamshikrishna Reddy Gantla
Telangana, India

Peicheng Gu
Shanghai, China

Akhilraj Gudimalla
Hanamkonda, India

Andy Florian Irakoze
Bujumbura, Burundi

Narendra Nath Jagarlamudi
Vijayawada, India

Swathi Priya Reddy Kaduru
Nellore, India

Nikhil Kammula
Warangal Urban, India

Sujan Reddy Kandela
Telangana, India

Raju Karmuri
Bengaluru, India

Jaswanth Kasani
Warangal, India

Pratheek Reddy Katta
Hyderabad, India

Sai Praneeth Koneru
Vijayawada, India

Krupartha Kranthi
Warangal Urban, India

Indraneel Lagishetty
Warangal, India

Halima Adetutu Malik
Lagos, Nigeria
Thesis Title: *A Transfer Learning Approach to Network Traffic Classification*

Nichapha Manoonwong
Bangkok, Thailand

Sai Teja Medipally
Warangal Urban, India

Saravanamuthu Muthusamy
Chennai, India

Okwudilichukwu Okafor
Enugu State, Nigeria
Thesis Title: *Edge Computing for Responsive Multi-user Virtual Reality Applications*

Cihan Ozluk
Ankara, Turkey

Harshavardhan Reddy Pakala
Warangal, India

Nikhil Pothuganti
Karimnagar, India

Naveen Reddy Punnam
Warangal, India

Rajdeep Rajput
Pune, India

Mohammad Amir Salari
Saint Louis, Missouri
Thesis Title: *Investigation on website fingerprinting attacks on Oblivious DNS over HTTPS protocol*

Pankil Nimeshbhai Shah
Vadodara, India

Brijesh Sharma
Patiala, India

Shirishma Singirikonda
Warangal Rural, India

Diana Stelmakh
Odesa, Ukraine

Gokul Naga Prasad Sudanagunta
Hyderabad, India

Ajay Chandra Tegella
Ecil Post Kapra, India

Dheeraj Thikkamaneni
Nellore, India

Sathvik Roy Thirumala Reddy
Hyderabad, India

Meghana Thote
Hyderabad, India

Manoj Vilasagaram
Hyderabad, India

Sai Bhargava Rami Reddy Vuribindi
Hyderabad, India

Aniketh Vyas
Indore, India

Mounika Rajitha Yadlapalli
Saint Louis, Missouri

Reza Zakerian
Mahmoudabad, Iran

THE GRADUATES

Rongxiang Zhang
Mianyang, China

MASTER OF SCIENCE

ENGINEERING

Joshua Adams
Fairfield, Iowa
BIOMEDICAL ENGINEERING
Thesis Title: *Additive manufacturing techniques and methodologies for vibrotactile wearable devices*

Hana Baban
Saint Louis, Missouri
CIVIL ENGINEERING
Thesis Title: *Measuring Full-Field Three-Dimensional Strains in Fiberglass Reinforced Polymer (FRP)*

Harrison Jose Bartolomei
Milwaukee, Wisconsin
AEROSPACE AND MECHANICAL ENGINEERING
Thesis Title: *Modeling and Finite Element Simulation of Thermoelectric Materials and Plasticity*

Zakaria Bouzekria
Algiers, Algeria
AEROSPACE AND MECHANICAL ENGINEERING

Stephen Brown
Phoenix, Arizona
ELECTRICAL AND COMPUTER ENGINEERING

Antonio Lorenzo Reyes Bunao
Singapore, Philippines
AEROSPACE AND MECHANICAL ENGINEERING

Sid Chandra Shekar
Bangalore, India
AEROSPACE AND MECHANICAL ENGINEERING

Nicholas S. Corker
Wildwood, Missouri
BIOMEDICAL ENGINEERING

Kyle James DeProw
East Alton, Illinois
AEROSPACE & MECHANICAL ENGINEERING

Colton Doherty
Lake Saint Louis, Missouri
AEROSPACE & MECHANICAL ENGINEERING

Matthew Stephen Dreyer
Saint Louis, Missouri
AEROSPACE & MECHANICAL ENGINEERING
Thesis Title: *Determination of the Location, Size and Geometry of a Multi-rotor UAV from Two Video Streams*

Micah Hayden Reeve DuBach
Houston, Texas
AEROSPACE & MECHANICAL ENGINEERING

Justin K. Fantroy
Saint Louis, Missouri
AEROSPACE & MECHANICAL ENGINEERING
Jeremy T. Glowacki
Chicago, Illinois
AEROSPACE & MECHANICAL ENGINEERING
Thesis Title: *Development of Testbed Procedures for Aerodynamic Model Measurements in the Parks College Low Speed Wind Tunnel*

Abigail Rebecca Grunenwald
Kettering, Ohio
CIVIL ENGINEERING

Philomena Jombo
Abuja, Nigeria
BIOMEDICAL ENGINEERING

Peter F. Kickham
Grover, Missouri
CIVIL ENGINEERING

Muhammad M. Koder
Saint Louis, Missouri
AEROSPACE AND MECHANICAL ENGINEERING
Thesis Title: *Aircraft's Vertical Stabilizer drag force reduction*

Mensur Koksalan Yalcinkaya
Nevşehir, Turkey
CIVIL ENGINEERING

Gabrielle Margaret Kowalik
New Braunfels, Texas
CIVIL ENGINEERING

Emily May Luc
Antioch, Illinois
BIOMEDICAL ENGINEERING
Thesis Title: *Cell Growth on Single-Walled Carbon Nanotube/Zinc Oxide Nanowire Heterostructures*

Deanna Meyer
Saint Louis, Missouri
CIVIL ENGINEERING
Thesis Title: *Reservoir Capacity Loss Estimation using the USACE RSI Dataset and Machine Learning Techniques*

Vivek Nari
Nalgonda, India
CIVIL ENGINEERING

Shabnam Nejat
Ballwin, Missouri
BIOMEDICAL ENGINEERING
Thesis Title: *Glioblastoma Spheroid Invasion and Motility in Dual - Stiffness Polyethylene Glycol Hydrogels*

Lakshmi Pokuri
Ongole, India
CIVIL ENGINEERING

Haochen Rong
Shanghai, China
AEROSPACE AND MECHANICAL ENGINEERING
Thesis Title: *Integrated Computational Designs and Instrumental Characterization for Pneumatic Head Rest and Variable Stiffness ankle Foot Orthosis*

Farhad Sakhaee
Tehran, Iran
CIVIL ENGINEERING

Nicholas Sokolis
Waconia, Minnesota
CIVIL ENGINEERING
Thesis Title: *Investigation of Risk Factors for Pedestrian-Vehicle Crash Severity Outcomes using a Macroscopic Zonal Approach*

Patrick Sullivan
Westwood, Kansas
AEROSPACE AND MECHANICAL ENGINEERING

Henry Thomas Wright
Nashville, Tennessee
AEROSPACE AND MECHANICAL
ENGINEERING
Thesis Title: *Online Parameter
Estimation of an Agile Unmanned
Aerial Vehicle*

Jacob Zlotopolski
Saint Louis, Missouri
CIVIL ENGINEERING

MASTER OF SCIENCE

**GEOGRAPHIC INFORMATION
SCIENCE**

Jarrett Charles Adrian
Saint Louis, Missouri
Dual Degree: Master of Science in
Artificial Intelligence

Matthew Ryan Arndt
Cameron, Missouri

Brendan Liam Barth
Florissant, Missouri

Aviskar Giri
Kathmandu, Nepal
Thesis Title: *Estimating Spillover
Effects of Baseball Games on the Local
Economy using Mobility Data and
Machine Learning*

James Daniel Molloy
Saint Louis, Missouri

Simon Nguyen
Saint Louis, Missouri

Gwyneth Joy Vollman
Rock Island, Illinois

MASTER OF SCIENCE

GEOSCIENCE

Cara M. Baez
O'Fallon, Illinois
GEOPHYSICS

Ademar Fernandez
Concepcion, Chile
GEOPHYSICS
Thesis Title: *Crustal structure
underneath the northern Colombian
volcanic segment by receiver function
analysis*

MASTER OF SCIENCE

METEOROLOGY

Ryan Kelly
Chesterfield, Missouri

Alexander Daniel Lamb
Arnold, Missouri
Thesis Title: *Using GIS and Radar
Reflectivity to Evaluate Interstate
Traffic Accident Response to Snowfall
in the St. Louis, Missouri Metropolitan
Region*

John Lind
Olathe, Kansas

Siyi Wang
Luoyang, China
Thesis Title: *Atmospheric Stability
Leads to Extreme PM2.5 Pollution:
An Analysis of Meteorological Causes
of Fine Particulate Pollution using a
Generalized Additive Model*

MASTER OF SCIENCE

SOFTWARE ENGINEERING

Weiquan Chen
Changchun, China

Joseph George Gutierrez
Pensacola, Florida

Haris Alam Lodhi
Saint Louis, Missouri

Julian Ramirez Gonzalez
Bogota, Colombia

Faizan Ahmed Hashmi Syed
Hyderabad, Pakistan

Zeqing Zhu
Changchun, China

MASTER OF SCIENCE

**URBAN PLANNING AND
DEVELOPMENT**

Kyle Bayer
Saint Louis, Missouri

Jasmine Cannon
Saint Louis, Missouri

Grace Hartman
Saint Louis, Missouri

DOCTOR OF PHILOSOPHY

AVIATION

Steven Brinly
Lynchburg, Virginia
Dissertation Title: *Cognitive
Ability and Motivation as Predictors
of Collegiate Private Pilot Flight
Training Completion*

Nurettin Dinler
Saint Louis, Missouri

Kelly J. Dunn
House Springs, Missouri
Dissertation Title: *Meaningfulness as
a Moderator for Posttraumatic Stress
Symptoms Following Critical Incident
Exposure in Coast Guard Aviators*

Richard A Hellings II
Longview, Texas
Dissertation Title: *The Effect
of a Safety Incentive Program on
Perceptions of Safety Culture*

Robert Louis Hudson
Palmetto, Florida
Dissertation Title: *Exploring
Student Pilot Perceptions about their
Experiences Using Mental Imagery
Chair Flying Strategies During
their Collegiate Private Pilot Flight
Training Program*

Timothy D. Ropp
Lafayette, Indiana
Dissertation Title: *Assessing
Resilience Competencies in Collegiate
Aviation and Aerospace Students*

Daniel Heng Siao
Nashville, Tennessee
Dissertation Title: *Exploring
Collegiate Flight and Maintenance
Training Students' Perceptions of
Safety Culture*

David E. Spector
Colorado Springs, Colorado
Dissertation Title: *Pilots' Likelihood
to Report Sleep Disorder(s) in Part 121
Commercial Aviation Operations*

THE GRADUATES

DOCTOR OF PHILOSOPHY

CHEMISTRY

Seth Allen Applegate
Saint Louis, Missouri

Scott Francis Grady
Newburgh, Indiana

Mohammad Salauddin Kader
Chittagong, Bangladesh
Dissertation Title: *Polymer-metal containing nanocomposites for vascular imaging and energy storage applications*

Edmund Oboh
Kumasi, Ghana
Dissertation Title: *Optimization of Triazolopyridazines and PI4K Inhibitors as a Potential Treatment for Cryptosporidiosis*

Tanner Joseph Schubert
Granite City, Illinois
Dissertation Title: *Synthesis of novel compounds for efficacy against Cryptosporidium, Molecular Modelling to Describe Complex Structure Activity Relationships of Fluorine, and Photoaffinity Labelling Studies for Target Elucidation in Cryptosporidium*

Samuel Nathan Snyder
Maryville, Missouri
Dissertation Title: *Characterization of the Interplay Between Active Site Structure and Enzymatic Activity of MhuD and CYP121 Proteins from Mycobacterium tuberculosis*

Maryam Zangi
Tehran, Iran

DOCTOR OF PHILOSOPHY

ENGINEERING

Prathamesh Vishnudas Bhagvath
Mumbai, India
BIOMEDICAL ENGINEERING
Dissertation Title: *Procedure Automation in Image-guided Robotic Spine Surgery*

Xingbang Chen
Guangzhou, China
AEROSPACE AND MECHANICAL ENGINEERING

Eileen Margaret Robertson
Bellbrook, Ohio
BIOMEDICAL ENGINEERING
Dissertation Title: *The progression of a tissue engineered scaffold for use in bone regeneration; from acellular cryogel to preconditioned osteoblasts on electrospun scaffolds*

Samuel Tyler Stealey
Saint Louis, Missouri
BIOMEDICAL ENGINEERING
Dissertation Title: *Development of Nanocomposite Hydrogel and Microgel Drug Delivery Devices*

DOCTOR OF PHILOSOPHY

GEOINFORMATICS AND GEOSPATIAL ANALYTICS

Sourav Bhadra
Dhaka, Bangladesh
Dissertation Title: *Informed AI for Food Insecurity: Applications of Remote Sensing, Computer Vision and Transfer Learning for Digital Agricultural Monitoring*

Kamila Dilimulati
Gulja
Dissertation Title: *GEOAI for Crop Seed Composition and Yield Estimation from Standing Crops: A Multiscale Remote Sensing Analysis*

DOCTOR OF PHILOSOPHY

GEOSCIENCE

Teresa Baraza Piazuolo
Barcelona, Spain
ENVIRONMENTAL GEOSCIENCE
Dissertation Title: *Contaminant Transport through the Unsaturated Zone to Karst Aquifers*

DOCTOR OF PHILOSOPHY

INTEGRATED AND APPLIED SCIENCE

Jacob Fielding Marion Brewster
Creve Coeur, Missouri
PHYSICS
Dissertation Title: *Using Microwave Resonators to Study Dielectric Loss, Materials for Quantum Information, 2D Van Der Waals Materials, and Nanomaterials*

Canh Dinh Nguyen
Warrensburg, Missouri
ENVIRONMENTAL SCIENCE AND GEOGRAPHIC INFORMATION SCIENCE
Dissertation Title: *Early detection of plant disease using UAV and GeoAI for improved food security*

Jorge Luis Ocampo Espindola
Amacuzac, Mexico
CHEMISTRY

DOCTOR OF PHILOSOPHY

METEOROLOGY

Michelle Anne Elmore
Saint Louis, Missouri
Dissertation Title: *Sensitivity of Tornado Genesis to Changes in 0-500-m Wind Shear in High-Resolution Simulations*

Graduation honors for candidates appearing in this book are calculated based on the Grade Point Average at the end of the Fall semester.

University honors will be officially calculated when final grades have been submitted and the degrees are conferred.

This program is not an official document.

HONORS AND AWARDS

ALPHA SIGMA NU

Christian Robert Henkel

Tim Do Kosfeld

Bonnie Elizabeth Peccola

Eileen Robertson

Tanner J. Schubert

GRAND CHALLENGES SCHOLAR

Harrison Wooters

OLIVER L. PARKS AWARD IN AVIATION

Christopher Moll

EUGENE F. KRANZ AWARD IN ENGINEERING

Aakash Nagarapu

EDWARD A. DOISY AWARD IN SCIENCE

Emma Mize

THE WINGS TRADITION

The “Wings Ceremony” gets its name from the tradition in aviation of awarding a pin in the shape of a bird’s wings to those who master the skill of flying. Dating back to 1927, students who graduated from Parks College, and now from the School of Science and Engineering, are awarded a wings pin upon completion of their studies. The wings pin has come to represent academic success in all fields of study at the college. It stands as a symbol of the freedom to pursue one’s dreams and serves as a reminder to return home and share one’s successes with all.



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