PRECOMMENCEMENT

PARKS COLLEGE of ENGINEERING, AVIATION and TECHNOLOGY

SAINT LOUIS UNIVERSITY

MAY 19, 2022
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 Duellman, Ph.D., Interim Dean

PRESENTATION OF COLORS
Parks Guard Rifle Drill Team

NATIONAL ANTHEM

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

DEAN’S REMARKS
Scott Duellman, Ph.D., Interim Dean

THE ADDRESS
Charles C. Kirkpatrick, Ph.D.
Associate Professor, Saint Louis University, College of Arts and Sciences
Dean of Parks College 1995 - 2004

Presentation of the Graduates

Awards
OLIVER L. PARKS AWARD
GRAND CHALLENGES SCHOLARS
SENIOR DESIGN AWARDS
OUTSTANDING GRADUATE FACULTY AWARD
OUTSTANDING GRADUATE STUDENT AWARD

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

RECESSIONAL

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, Parks College students have been 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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<th>Name</th>
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<td>Shiloh, Illinois</td>
<td>BACHELOR OF SCIENCE</td>
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<td>David Christian Albright</td>
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<td>Francis James Krueger</td>
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<td>Eric Charles McElroy</td>
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<td>Johanes Munua</td>
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<td>Joshua M. Murdock</td>
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<tr>
<td>Annie Pham</td>
<td>Memphis, Tennessee</td>
<td>FLIGHT SCIENCE</td>
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</table>
Connor Michael Prinsen  
Saint Peters, Missouri  
FLIGHT SCIENCE  
magna cum laude

Luis Fernando Reyes Lopez  
Lake Saint Louis, Missouri  
AVIATION MANAGEMENT

David Anthony Rodgers  
Pasadena, California  
AVIATION MANAGEMENT

Riya San Srambichira  
Houston, Texas  
FLIGHT SCIENCE

Bradley Terjelian  
Saint Peters, Missouri  
AVIATION MANAGEMENT

Riley Steven Tovornik  
Milford, Ohio  
FLIGHT SCIENCE

Abdulbasit Abdulsamad H. Tukruni  
Mecca, Saudi Arabia  
AVIATION MANAGEMENT

Holly A. Wilson  
Arnold, Missouri  
FLIGHT SCIENCE  
cum laude

Nathan Alexander Wilson  
Fenton, Missouri  
FLIGHT SCIENCE

AEROSPACE ENGINEERING

Trevor J. Akers  
Springfield, Illinois  
magna cum laude

Diana Baimurzayeva  
Almaty, Kazakhstan

Minasse Yasin Bakri  
Chicago, Illinois

Christopher James Bale  
Chatham, Illinois

Adis Beganovic  
Saint Louis, Missouri  
magna cum laude

Antonio Lorenzo Reyes Bunao  
Saint Louis, Missouri  
cum laude

Declan J. Byrne  
Milwaukee, Wisconsin  
University Honors Program  
magna cum laude

Klaus Damasceno  
Tampa, Florida

Scott Walter Elliott  
Chesterfield, Missouri

Jordan Wesley Michael Harris  
Saint Peters, Missouri

Wesley Michael Hawkins  
West Frankfort, Illinois  
cum laude

Hugo Holley  
Montara, California  
cum laude

Jarrett P. Irwin  
Toledo, Ohio

Claire M. Jacobs  
Riverside, Illinois

Che-Hsien Lin  
Taipei, Taiwan  
magna cum laude

Jeremy Ling  
Saint Louis, Missouri  
cum laude

Brett Daniel Morgan  
Waunakee, Wisconsin

Nicholas Brian Morrow  
Sacramento, California

Brendan Danial Muldoon  
Saint Louis, Missouri

Tinevimbo Varaidzo Ndlovu  
Harare, Zimbabwe  
summa cum laude

Anthony Chukwuemeka Nwajei  
Springfield, Illinois

Martin Edward O’Leary  
Bloomingdale, Illinois

Elliott J. Platz  
Chicago, Illinois

Justin Edward Pointer  
O’Fallon, Missouri

Jeremiah W. Polander  
Fountain, Colorado

Hunter Michael Pritzlaff  
New Berlin, Wisconsin  
magna cum laude

Micah A. Reichardt  
New Baden, Illinois  
magna cum laude

Ryne Sandler  
Manchester, Missouri  
magna cum laude

Jessica Dawn Smith  
Saint Charles, Missouri

Tristan S. Stricklin  
Marion, Illinois  
cum laude

Patrick Jeremiah Sullivan  
Westwood, Kansas
THE GRADUATES

Daniel Montes Tolón
Madrid, Spain
magna cum laude
Additional Major: Computer Engineering

Jack Joseph Wahl
Greenwood Village, Colorado

Adam A. Walker
Lexington, Kentucky

BIOMEDICAL ENGINEERING

Afrida Amira Atiar
Dhaka, Bangladesh
summa cum laude

Brady Lee Beggs
Dupo, Illinois

Kathleen Suzann Botterbush
Godfrey, Illinois
University Honors Program
summa cum laude

Kelly A. Campbell
Saint Louis, Missouri
magna cum laude

Joseph L. Capps
Chatham, Illinois

Courtney Ann Castle
O’Fallon, Missouri
cum laude

Kauyen Chen
Diamond Bar, California
summa cum laude

Michael Joseph Conlon
Springfield, Illinois
cum laude

Nicholas S. Corker
Wildwood, Missouri
cum laude

Emily Deng
Saint Charles, Missouri

Gabrielle Marie East
Castle Pines, Colorado
University Honors Program
magna cum laude

Serena Nalini-Solomon Eck
Cedar Rapids, Iowa
cum laude

Yichen Fang
Chico, California
University Honors Program
summa cum laude

Akbar Ali Fidahussain
Edwardsville, Illinois
summa cum laude

Connor Michael Freeman
Florissant, Missouri
University Honors Program
summa cum laude

Brooke Mercedes Hudson
Granite City, Illinois
University Honors Program
summa cum laude

Davis Schneider Johnston
Saint Louis, Missouri

Andie Michele Kaess
Bakersfield, California
cum laude

Yuktesh V. Kalidindi
Normal, Illinois
summa cum laude

Anjaneé Yvonne Nicole Kendall
Saint Louis, Missouri

William Lawrence Kinczewski
Rockford, Illinois
University Honors Program
cum laude

Luke Jared Kingsborough
Huntsville, Texas
magna cum laude

Gabriella Maria Kohring
Webster Groves, Missouri

Charles J. Krebs
Kansas City, Missouri

Kelly Maria Kulig
Millstadt, Illinois
magna cum laude

Ivonne Larrea
Bahía de Caráquez, Ecuador
cum laude

Michael Leontiev
Kiev, Ukraine
summa cum laude

Emily May Luc
Antioch, Illinois
University Honors Program
cum laude

Colleen Frances McLaughlin
Saint Louis, Missouri
magna cum laude

Ariana Y. Monma
Saint Charles, Illinois

Daniel Rojo Moreno
Overland, Missouri

Jahnavi Nadella
Plain City, Ohio
summa cum laude

Shabnam Nejat
Ballwin, Missouri
cum laude

Casey M. Nichols
Dubuque, Iowa
magna cum laude
Michael John Nickerson
Strongsville, Ohio
magna cum laude

Maria Magdalena Pereira Lopez
Madrid, Spain
summa cum laude

Carl Joseph Pickhardt
Sheboygan, Wisconsin

Gabriel William Prather
Saint Charles, Missouri

Elizabeth Grace Redle
Fairlawn, Ohio

Ingrid Lawton Rosko
Seaside, California
magna cum laude

Nachiketh Rotte
Normal, Illinois
cum laude

Jairo Roberto Saldanha Rodrigues
Ourinhos, Brazil

Deeksha Sarda
Ames, Iowa
University Honors Program
magna cum laude

Jaeden D. Sizemore
Maryville, Illinois
cum laude

Claire Nicole Tomaw
Baraboo, Wisconsin

Siyi Wang
Liuzhou, Guangxi, China
magna cum laude
Additional Major: Computer Science

Sherry Hope Wisdom
Saint Louis, Missouri

Patrick Yang
Taipei, Taiwan

CIVIL ENGINEERING

Abdulrahim Alhjaji
Makkah, Saudi Arabia

Hana Baban
Saint Louis, Missouri
magna cum laude

Sophia D. Brouwer
Chicago, Illinois

Matthew Ryan DiValerio
Lake Bluff, Illinois

Julissa Gutierrez Gaona
Saint Louis, Missouri

Abigail Rebecca Grunenwald
Dayton, Ohio
summa cum laude

Gabrielle Margaret Kowalik
New Braunfels, Texas
cum laude

Adnan Malkoc
Saint Louis, Missouri

Katelyn M. Mannella
La Grange, Illinois

Danielle Marie Miller
River Falls, Wisconsin
magna cum laude

Warren David Radford
Potosi, Missouri
cum laude

Andrea Regina Ambal Silva
Dumont, New Jersey

James "Jimbo" Maurice Spriggs
Saint Louis, Missouri

Jonathan S. Stodola
Charleston, West Virginia
magna cum laude
Additional Major: Theological Studies

Meghan Ruth Stukel
Naperville, Illinois

Madeline Zautner
West Bend, Wisconsin
University Honors Program
cum laude

COMPUTER ENGINEERING

Cecilia M. Besancenez
Saint Louis, Missouri
magna cum laude

Adam Andrew Blank
New Athens, Illinois

James Anthony David
Woodridge, Illinois
cum laude

Janssen Clarence Del Mundo Gamilla
Aurora, Illinois
summa cum laude

Brian M. Murphy
Chicago, Illinois

Aneesh Redlapalli Venkatesh
Ballwin, Missouri
summa cum laude

Ian Sovar
Saint Louis, Missouri

Alexander Frank Wendl
Saint Louis, Missouri

ELECTRICAL ENGINEERING

Steven Paul Bentley
Springfield, Illinois
magna cum laude
Additional Major: Mathematics
Spencer H. Buchanan
Estero, Florida

Colleen S. Corcoran
Elmhurst, Illinois

Aaron Liekhus
Saint Louis, Missouri

Connor J. McCormac
Ballwin, Missouri
BIOELECTRONICS

Connor William Odum
Millstadt, Illinois

Adrian Ortiz
Chicago, Illinois

Rahul Rajeev Ravichandran
Ballwin, Missouri
BIOELECTRONICS

Vladimir Trifunovic
Saint Louis, Missouri

Caitlin M. Zoschke
Springfield, Illinois
magna cum laude

MECHANICAL ENGINEERING

Jordan L. Barrett-Elder
Saint Louis, Missouri

José Emmanuel Acosta
Saint Louis, Missouri

Oluwatobi Temitope Georgette Akangbe
Memphis, Tennessee

Nooruldeen Altaie
Fenton, Missouri

Reagan Elizabeth Anspaugh
Austin, Texas

Ryan A. Bjerke
Dunstable, Massachusetts

Emerson Taylor Brazile
Saint Louis, Missouri
magna cum laude

John P. Carrow
Alton, Illinois

Daniel Cole de Prada
Madrid, Spain

Nishil Condoor
Fenton, Missouri

Joseph N. Cvelic
Valhalla, New York

Garret Niles Domash
Saint Louis, Missouri
cum laude

Natalie L. Egerman
Long Beach, California

Grace Flaherty
Barrington, Rhode Island

Elaina Marie Johnson
Breese, Illinois
magna cum laude

Salhar Shabbir Khan
Aurora, Illinois

Peter Francis Kickham
Saint Louis, Missouri
cum laude

Crystal Njeri Kimama
West Des Moines, Iowa
cum laude

Sarah Elizabeth Kirsch
Ballwin, Missouri
summa cum laude

Barrett B. Kurmann
Springfield, Illinois

Michael Fengyuanye Luan
Saint Louis, Missouri

Robert James McCormick
Alexandria, Virginia

Christopher John McDonald
Kings Park, New York

Timothy Joseph Metzger
Eureka, Missouri
summa cum laude

Chase Ell Niece
Kirkwood, Missouri

Zachary Preston Rogers
Chicago, Illinois
cum laude

Jason Richard Rohlfing
Plainfield, Illinois

Joseph Greco Schwartz
Saint Louis, Missouri

Robert S. Selby
O’Fallon, Missouri

Akash Sookun
Saint Louis, Missouri

ENGINEERING PHYSICS

Matthew S. Brawner
Saint Louis, Missouri
BIOMEDICAL ENGINEERING
University Honors Program
summa cum laude
Additional Major: Music

Mathew Dave Co Chan
Quezon City, Philippines
COMPUTER ENGINEERING
summa cum laude
Additional Major: Mathematics

Eva Gierloff Romera
Madrid, Spain
COMPUTER ENGINEERING
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<td>A Technique for Controlled Anisotropy in Chitosan-Gelatin Cryogels for use in Bone Tissue Engineering</td>
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**Master of Science**

**Engineering**

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Jeremy Glowacki
Chicago, Illinois
AEROSPACE AND MECHANICAL ENGINEERING
Thesis Title: Development of Testbed Procedures for Aerodynamic Model Measurements in the Parks College Low Speed Wind Tunnel

Jiajun Guo
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AEROSPACE AND MECHANICAL ENGINEERING

Katie Huskey
Poplar Bluff, Missouri
BIOMEDICAL ENGINEERING

Ashrith Kommareddy
Vijayawada, India
AEROSPACE AND MECHANICAL ENGINEERING

Austin Krohn
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Thesis Title: Incorporation of Charged Peptide Ligands in RGD-Functionalized PEG Cryogels to Enhance Collagen Deposition in an Articular Cartilage Tissue Engineering Approach

Evah Thomas Landewee
Leopold, Missouri
CIVIL ENGINEERING

Jan Emily Santos Mangulabnan
West Chicago, Illinois
BIOMEDICAL ENGINEERING
Thesis Title: Evaluation of Force-Controlled Robotic System for Echocardiogram Procedure

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Shanghai, China
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Thesis Title: Integrated Computational Designs and Instrumental Characterization for Pneumatic Head Rest and Variable Stiffness Ankle Foot Orthosis

Claire Schuessler
Maryville, Illinois
AEROSPACE AND MECHANICAL ENGINEERING

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Thesis Title: Investigation of Risk Factors for Pedestrian-Vehicle Crash Severity Outcomes using a Macroscopic Zonal Approach

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Palmetto, Florida
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Lafayette, Indiana
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BIOMEDICAL ENGINEERING  
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Dissertation Title: Effect of Matrix Presence and Properties on Glioblastoma Cell Response to Chemotherapeutics

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Natalia Ziemkiewicz  
Chicago, Illinois  
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Dissertation Title: The Effects of Laminin-111 Enriched Fibrin Hydrogels and Electrical Stimulation Therapy for the Treatment of Volumetric Muscle Loss

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