franklin & marshall college 236^{th} commencement

Class of 2023

HISTORY of the COLLEGE

Franklin & Marshall College is one of the oldest institutions of higher learning in the United States. The College was founded in 1787 to bring culture and civility to what was then the Pennsylvania frontier. It began as Franklin College in the humble surroundings of a brew house on Mifflin Street, where the first classes were held on July 16, supported by a financial contribution from Benjamin Franklin. Other founders included four signers of the Declaration of Independence, three future governors of Pennsylvania, two members of the Constitutional Convention and seven officers of the Revolutionary Army.

Since its founding, Franklin & Marshall has evolved through a series of transformative events into a nationally renowned liberal arts college that educates students from around the world. In 1853, Marshall College, a Mercersburg, Pa., institution named for Chief Justice John Marshall, moved to Lancaster to form Franklin & Marshall College. James Buchanan, 15th president of the United States, was the first president of the Board of Trustees. Beginning in its centennial year, the College added a strong program in science to its classical curriculum. Then, in the 1920s, it added a program in business. After World War II, a series of changes occurred that shaped the College into its present configuration. A longstanding connection to the German Reformed Church was severed and the College became a secular institution. The student body was no longer chiefly local, but became national and even international in scope. The numbers of students and faculty expanded, facilities expanded and the College became coeducational. Throughout all of these changes, the College remained committed to "liberal learning."

Today, Franklin & Marshall proudly continues its dedication to intellectual freedom and critical learning. The College expects students to see connections, to discover community, and to understand the centrality of service to the human endeavor.

ORDER of EVENTS

Prelude

English Folk Song Suite Ralph Vaughan Williams March, Seventeen Come Sunday (1872-1958) Intermezzo, My Bonny Boy March, Folk Songs from Somerset The Redwoods Rossano Galante (b. 1967) Processional **Commencement Wind Ensemble** Pomp and Circumstance, March No. 1 Edward Elgar Arranged Clare Grundman (1857-1934) National Anthem Olivia Lockey '23 conducted by Evan Shinn '23 Invocation Joseph E. Pritchett | Director of Faith and Meaning Welcome Eric W. Noll '83, P'09 | Chair, F&M Board of Trustees Remarks Barbara K. Altmann, Ph.D. | President of the College and Professor of French **Faculty** Awards Mary Osirim | Interim Provost and Dean of Faculty Lindback Distinguished Teaching Award Scott Smith | Associate Professor of Anthropology Bradley R. Dewey Scholarship Award Susan Dicklitch-Nelson | Professor of Government F&M Distinguished Faculty Service Award Kim Armstrong | Professor of Spanish & Linguistics The Henry S. Williamson Award Margaret Hazlett | Vice President and Dean of Student Affairs Honorary Degree Candidates Giovanna Faleschini Lerner | Secretary to the Faculty and Professor of Italian Carlos Graupera | Doctor of Humane Letters, Honoris Causa Kathleen E. Harring, Ph.D., '80, P'11 | Doctor of Humane Letters, Honoris Causa Jacob E. Bleacher, Ph.D., '00 | Doctor of Science, Honoris Causa **Commencement Address** Jacob E. Bleacher, Ph.D., '00 | chief exploration scientist in NASA's Exploration Systems Development Mission Directorate

Passing of the Torch	Elizabeth Fuller Smith '87 President of the Alumni Association Tracy Lin '23 President of the Class of 2023
	Tracy Lin 25 President of the Glass of 2025
The Alma Mater	Hannah Bledsoe '23
	conducted by Mariel Carter '23
Presentation of Candidates for Degree in Course *In order of procession	
WEIS COLLEGE HOUSE	Dorothy Merritts Harry W. & Mary B. Huffnagle Professor of Geosciences and Weis College House Don
ROSCHEL COLLEGE HOUSE	Jorge Mena-Ali Visiting Professor of Biology, Director of Faculty Diversity Initiatives, Roschel College House Don
BROOKS COLLEGE HOUSE	Lisa Gasbarrone Brooks College House Don and Professor of French
WARE COLLEGE HOUSE	Richard Kent Ware College House Don and Professor of Art History
BONCHEK COLLEGE HOUSE	Annalisa Crannell Carmie L. and Beatrice J. Creitz Professor of Mathematics and Bonchek College House Don
Recessional Defying Gravity	Stephen Reineke
COLLEGE MARSHAL:	(b. 1970) Kim Armstrong Professor of Spanish & Linguistics
FACULTY MARSHALS:	Erik S. Anderson Associate Professor of English Bridget L. Guarasci Associate Professor of Anthropology
STUDENT MARSHALS:	Jaime Blair Professor of Biology, Program Chair of Women's, Gender & Sexuality Studies
Jon Stone Professor of Russian and Russian Studies, Department Chair of German, Russian, & East Asian Language (Chinese, Japanese), Program Chair of Comparative Literary Studies	
	Colette Shaw Dean of Students
	Doug Adams Associate Dean of Students
FLAG BEARERS:	Muna Sultana '24 Student Body and Diplomatic Congress President
	Genesis Familia '24 Class of 2024 President
CONDUCTOR:	Brian Norcross Senior Director of Instrumental Music and Conducting Studies, Teaching Professor

HONORARY DEGREES & CITATIONS BESTOWED

Williamson Medalist

Doctor of Science, Honoris Causa

Doctor of Humane Letters, Honoris Causa

Doctor of Humane Letters, Honoris Causa

Christian R. and Mary E. Lindback Foundation Award for Distinguished Teaching

Bradley R. Dewey Award for Outstanding Scholarship

Faculty Distinguished Service Award

Nadezhda Ivanova Class of 2023

Jacob E. Bleacher, Ph.D., '00 Commencement Speaker

Kathleen E. Harring, Ph.D., '80 P'11

Carlos Graupera

Scott Smith Associate Professor of Anthropology

> Susan Dicklitch-Nelson Professor of Government

Kim Armstrong Professor of Spanish & Linguistics

Socrates Citations in Honor of Retiring Faculty

Gregory S. Adkins William G. and Elizabeth R. Simeral Professor of Physics

> Curtis C. Bentzel Associate Professor of German

Alan Levine Associate Professor of Mathematics

> Richard Moog Professor of Chemistry

Judith C. Mueller Professor of English

Timothy W. Sipe Associate Professor of Biology

Louise L. Stevenson Professor of History and American Studies



In Honor of NADEZHDA IVANOVA on the occasion of her receiving the Williamson Medal at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

The Williamson Medal is the highest student award presented each year at Franklin & Marshall's Commencement. It is given to the member of the graduating class who has, during her or his senior year, reached the highest standing in character, leadership and scholarship. The medal was endowed by Owen Moon Jr., in memory of former Trustee Henry S. Williamson, and has been presented annually since 1922. This year, the Williamson Medal is awarded to Nadezhda (Nadya) Ivanova.

Nadya came to F&M from Sofia, Bulgaria. She graduates summa cum laude with a major in government and a minor in German literature and culture.

Time and again in her four years at F&M, Nadya has demonstrated her deep commitment to a just society and her passion for using international relations to create peace among nations. She recently successfully defended her honors thesis that examined the jockeying for power in the Middle East among Iran, Saudi Arabia and Turkey, and which of those three countries tips the regional balance of power most in its favor. Nadya studied at the London School of Economics and Political Science last academic year. She has served as a delegate to the 73rd Student Conference on U.S. Affairs, held at West Point, and as the program management intern at the Congressional Office for International Leadership in Washington, D.C.

Nadya has served in numerous leadership roles on campus, including as co-president of the International Student Advisory Board and a representative on the Student Code of Conduct Committee. She is a tutor at the Writing Center and a javelin thrower for the Diplomat track and field team. Among her many honors, she has earned a Ken Duberstein '65 Public Service Internship Award and a Hackman Summer Research grant. She is a member of Black Pyramid Senior Honor Society; John Marshall Pre-Law Honor Society; Pi Sigma Alpha, national political science honor society; and Delta Phi Alpha, national German honor society.

Nadya will intern this summer in the legal division of the Corporate Banking and Foreclosure Department at Eurobank Bulgaria, where she hopes to better understand how the corporate world works. After considering numerous graduate schools, she plans to start her master's degree in international relations at Johns Hopkins University this fall. She plans to be a policy analyst at a think tank or international organization, focusing on combating corruption in Eastern Europe and the Middle East.

Nadya Ivanova, for your insatiable intellectual curiosity and the depth of understanding it already has given you; for your dedication to improving international relations and creating a more stable world; and for using your knowledge and empathy to take the lead in improving life for your fellow students and the broader world, you personify the spirit of the liberal arts and Franklin & Marshall College's ideal of developing graduates of intellect, character and leadership. Congratulations!

Barbara K. Altmann, Ph.D. President of the College



In Honor of JACOB E. BLEACHER, PH.D., '00 on the occasion of his receiving the degree DOCTOR OF SCIENCE, HONORIS CAUSA at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

Jacob Bleacher, who earned a bachelor's degree in geosciences at Franklin & Marshall in 2000, is the chief exploration scientist with NASA's Exploration Systems Development Mission Directorate at the space agency's headquarters. In this role, he bridges technology and architecture to advance human exploration of the moon and beyond.

Dr. Bleacher also is the primary contact with NASA's Science Mission Directorate and the science community outside NASA. His research focuses on understanding the volcanic history of the Earth, the moon and Mars by remote sensing mapping. When he began working for NASA in 2006, he was a research scientist at its Goddard Space Flight Center in Maryland, where he supported the Constellation Program Office to conduct studies examining potential landing sites and developing plans to help define requirements for hardware that would enable travel on the lunar surface.

Dr. Bleacher also has served as a test subject and crew member for NASA's Desert Research and Technology Studies, which focused on field tests of operations for prototype human rovers for the moon. He has led its instrument field team, organizing its planetary science field research deployments, and was Goddard's lead exploration scientist, creating awareness of ongoing human exploration projects.

Dr. Bleacher, who earned his doctorate in geological sciences at Arizona State University in 2006, is a co-author of several peer-reviewed science publications, including a cover article for the journal Nature about explosive volcanism on Mars, as well as the chapter on Mars Volcanism in the 2nd edition of the "Encyclopedia of Volcanoes." He has returned to Franklin & Marshall many times to share his expertise with students and faculty.

Jacob E. Bleacher, for your dedication to aerospace exploration and scientific discovery; for your steadfast commitment to educating the public about NASA's planetary science field research; and for your dedication in preparing the next generation of scholars for scientific excellence, especially at your alma mater, Franklin & Marshall College bestows upon you the Honorary Degree, Doctor of Science.

Barbara K. Altmann, Ph.D. President of the College



In Honor of **KATHLEEN E. HARRING, PH.D., '80 P'11** on the occasion of her receiving the degree **DOCTOR OF HUMANE LETTERS, HONORIS CAUSA** at the 2023 Commencement of **FRANKLIN & MARSHALL COLLEGE**

Kathleen Harring, who earned a bachelor's degree in psychology at Franklin & Marshall in 1980, began her tenure as the president of Muhlenberg College in Allentown, Pa., in 2020 after serving as interim president for a year. She is Muhlenberg's 13th president and the first woman to lead the 175-year-old college.

Under President Harring's leadership, Muhlenberg has launched its most ambitious capital campaign to date, Boundless, which will raise \$111 million by 2025. As a part of that effort, Muhlenberg secured the largest private pledge in its history, a \$7.5 million gift to build the Fahy Commons for Public Engagement and Innovation, which opened in January.

President Harring has been part of the Muhlenberg community for nearly 40 years. Since joining Muhlenberg's Department of Psychology faculty in 1984, she has held several leadership positions, including provost, vice president and dean of institutional effectiveness and planning, and dean of institutional assessment and academic planning. She is a distinguished social psychologist and frequently presents on a variety of topics, including strategic planning, alumni engagement, and professional development in higher education.

A strong advocate for diversity, equity and inclusion, President Harring is one of six college presidents who sit on the steering committee of the American Talent Initiative. That consortium, which also includes Franklin & Marshall, is committed to higher-education access for low- and moderate-income students.

President Harring earned both her master's and doctoral degrees in social psychology — with minors in quantitative psychology — from the University of North Carolina at Chapel Hill. Harring's daughter, Carolyn Wittenbraker, graduated from F&M in 2011.

Kathleen E. Harring, for your tireless commitment to the value of the liberal arts; for your strong advocacy for diversity, equity and inclusion in higher education; and for your personal attention and dedication in preparing today's students to become tomorrow's leaders, Franklin & Marshall College bestows upon you the Honorary Degree, Doctor of Humane Letters.

Barbara K. Altmann, Ph.D. President of the College



In Honor of CARLOS GRAUPERA on the occasion of his receiving the degree DOCTOR OF HUMANE LETTERS, HONORIS CAUSA at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

Carlos Graupera founded the Spanish American Civic Association, known as SACA and located in downtown Lancaster, in 1973. As its chief executive officer, he led that organization in uplifting and restoring the residents of marginal communities through human relations, economic assistance and social services, while also supporting their cultural identities.

Mr. Graupera has announced he is stepping down this year after 50 years of service with SACA. Under his leadership, the organization has grown to serve nearly 1,400 people each year in Lancaster, focusing on behavioral health and wellness, educational services, job placement, and home ownership.

Mr. Graupera has long had a passion for supporting the Latinx community, which comes from his family background. He and his family came to the United States from Cuba in 1961, when he was just 11 years old, and moved to Lancaster four years later. Graupera's father, Charles, eventually became a Spanish professor at Elizabethtown College; his mother, Aida, was the first bilingual case worker for Catholic Social Services.

Mr. Graupera has no plans to slow down in retirement. He plans to focus on establishing a regional network for Tec Centro, SACA's bilingual workforce development center, expanding it with the help of city leaders in York, Lebanon and Reading.

Carlos Graupera, for your half-century of leadership in supporting and uplifting members of marginal communities; for your development and expansion of programs focusing on job placement, home ownership, educational services, and behavioral health and wellness; and for your civic dedication to Lancaster City and County, Franklin & Marshall College bestows upon you the Honorary Degree, Doctor of Humane Letters.

Barbara K. Altmann, Ph.D. President of the College



In Honor of SCOTT SMITH Associate Professor of Anthropology on the occasion of his receiving the Christian R. and Mary E. Lindback Foundation Award at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

Professor Scott Smith, an archaeologist who studies human-environmental relationships in Bolivia, is an exceptional educator. His 13-year record of outstanding teaching is marked by the development of innovative pedagogies, a dedication to internationalizing the curriculum, and a commitment to undergraduate teaching in a liberal arts context. As a professor who genuinely cares about students in general and student learning outcomes in particular, he embodies the best of what the F&M professoriate has to offer.

Over the course of his F&M career Professor Smith has transformed his courses to be grounded in Project and Problem Based Learning. Critical thinking, problem solving, communication, and collaboration are at the heart of this teaching method. In Professor Smith's classes students work directly with evidence to make inferences about ancient lifeways. Professor Smith has incorporated this learning method at every level of the curriculum starting with gateway classes like Introductory to Archaeology to capstone experiences like Archaeological Methods. Students are effusive in their praise of his pedagogical approach and routinely note that hands-on projects afford them the opportunity to learn by doing, work in teams, collaborate, and problem-solve.

Professor Smith has deepened and expanded our curricular offerings by helping to diversify our curriculum to highlight the lifeways, achievements, and challenges of peoples of Bolivia. By developing many classes that focus on South America, Professor Smith has allowed students to develop a more sophisticated understanding of the historical and cultural complexities that surround the Andes. While Professor Smith's impact as a teacher is most primarily felt here on campus, his influence stretches 4000 miles from the Archaeology Lab in Stager Hall. The students he inspires not only come to love the facts, principles, and theories of archaeology, but they also get extensive experience in learning how to carry out archaeological research at his field site in Bolivia. In addition to learning field and lab techniques from their beloved professor, students are also involved in helping to develop community-based projects in the Andes. Students enthusiastically report that this was the most impactful educational experience they had at F&M. Professor Smith is thus the very model of the teacher/scholar that our College so highly values as he is an exemplary educator in both the classroom and in the field.

And finally, the turbulence brought on by the Covid pandemic has challenged all of our teachers, but our best educators found ways to adapt, connect, and serve as an invaluable mentor to our students. Not surprisingly, Professor Smith has demonstrated agility and good will throughout the pandemic. Students routinely praise Professor Smith for his care, patience, and stellar teaching throughout this time of unprecedented crisis. Since his arrival on our campus in 2010, Professor Smith has had an indelible impact on our students as an excellent, caring, and innovative educator.

Barbara K. Altmann, Ph.D. President of the College



In Honor of **SUSAN DICKLITCH-NELSON Professor of Government** on the occasion of her receiving the Bradley R. Dewey Award for Outstanding Scholarship at the 2023 Commencement of

FRANKLIN & MARSHALL COLLEGE

Dr. Susan Dicklitch-Nelson is an idea person. She is naturally drawn to work that is complex, puzzling, and often ignored by mainstream or popular outlets. Chances are, if you run into her in a meeting, she will be extremely animated and brainstorming big solutions to big problems. She is also a fierce advocate of social justice. She is passionate and curious about LGBTQ+ and immigrant communities, and has a deep commitment to improving their lives. Finally, she has a keen sense of talent. She knows that she alone can't fully implement her ideas and she creates highly qualified teams that help put her ideas into practice.

These core characteristics have led Dr. Dicklitch-Nelson to enjoy a distinguished career at F&M, where she has innovated in the classroom, developed a ground-breaking research agenda, and led some of F&M's earliest work in community-based learning efforts over the past 25 years.

Perhaps her greatest legacy will be the founding of three online tools for scholars and policy-makers: 1) F&M's Global Barometer of Gay Rights; 2) F&M's Global Barometer of Transgender Rights; and 3) F&M's Global Barometers' LGBTQI+ Perception Index. These tools measure state-and societal-level protection or persecution of Sexual Orientation and Gender Identity minorities worldwide. They are used regularly by policy-makers in organizations like USAID and the White House, as well as many of their partners from around the world. One nomination letter eloquently describes this work: "I hope that the creativity, high-profile and breadth of the GBGR and GBTR stands out, as it reaches across the globe, into the hands of policy-makers, and into our students' lives and careers. It meets and surpasses the traditional markers of scholarly excellence."

The tools have been supported by grants totaling nearly \$1.2 million, which allows her to employ a team of five researchers and assistants, thereby developing a pipeline of future social scientists who can continue to research the issue of LGBTQ+ rights around the world. The tools have also led to several peer-reviewed publications, in journals such as Human Rights Quarterly, the Journal of Human Rights, and the Georgetown Journal of International Affairs. Yet, her work is not confined to academic journals with limited audiences. She has placed op-eds in some of the nation's most widely read media outlets, such as the Conversation, the Hill, and the Global Post. She often co-authors with her students, colleagues, and alumni who form part of her team.

Dr. Dicklitch-Nelson's innovations do not stop with her research. She regularly teaches classes about human rights, immigration, and African politics, always engaging students in as many ways that are possible. Due to this experience, she has been called as an expert witness for over 100 asylum cases. Dr. Dicklitch-Nelson's research and pedagogy intersect in her nationally-recognized course called "Human Rights/Human Wrongs," which provides students with a hands-on experience to learn about refugee resettlement and immigration law. In a recent event, one alumna told the Government honors students that her own professional success as an immigration lawyer is directly related to taking this course.

Another nomination letter best sums up her career, noting that "[t]he impact of the work that she has done, and continues to do, represents the best of what academia can hope to be: a mirror held up to the world that we live in to simultaneously reflect back all of the cracks in what we think we are, and to show us what we could be."

Barbara K. Altmann, Ph.D. President of the College



In Honor of KIM ARMSTRONG Professor of Spanish & Linguistics on the occasion of her receiving the Faculty Distinguished Service Award at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

Professor Kim Armstrong's 34 years of tireless dedication and service to the Spanish & Linguistics Department, and to the college community as a whole, are undeniable. As one colleague from her department has said, "she is our rock." And indeed, for many across the College, Kim has shown herself to be a solid, dependable presence, a source of measured consideration of issues, and an unwavering advocate for Faculty voices. Senior colleagues trust her to offer unbiased leadership, and junior colleagues know her as a person who is always willing to offer level-headed guidance through professional challenges.

In her department, Kim has been instrumental in ensuring that everyone has a valued voice and everyone feels part of a functional and vibrant team. She has spearheaded innovation by leading a group of colleagues in creating Open Educational Resources for courses in the Spanish Language Studies Requirement, which has benefitted more than 200 students this year alone. She has also led the Department of Spanish & Linguistics as chair multiple times throughout her career, including most recently when she met the department's need for a chair while on her sabbatical. Additionally, her impact has been felt in other departments that she has chaired, including Classics, French, as well as Italian & Hebrew.

Kim's colleagues College-wide have repeatedly demonstrated their trust in her leadership and good judgment by electing her to the Professional Standards, Educational Policy, and Faculty Council committees. Kim has also championed the work of the College through service on numerous task forces and working groups, and recently served as Associate Dean of the Faculty for five years. She was a solid and reliable leader that guided and supported faculty through the semesters hit hardest by COVID. Chemistry Professor Rick Moog says the following: "Kim is the epitome of what it means to be a committed member of our community. In particular, she takes the principle of shared governance as a serious responsibility, stepping up when leadership is needed and providing guidance and direction that is thoughtful, organized, inclusive, and effective. She is always a joy to work with, and — perhaps most importantly — she gets things done!"

History Professor Maria Mitchell's words summarize it all: "It is difficult to capture all the ways Kim Armstrong has enriched faculty and student life at F&M, but for me one feature of her service to the College stands out – her leadership qualities. Kim sees through the thicket. When presented with a new issue, she quickly identifies its critical points, gathers information, consults with colleagues, and proposes effective, sustainable solutions. Throughout, she is quick to express gratitude to those who assisted, never asserting her own prerogative or preference. Indeed, Kim is unfailingly supportive of her colleagues; the enormous and widespread respect she enjoys from professional staff and faculty across the divisions speaks for itself. Her colleagues' admiration is all the more impressive considering the unparalleled number of committees, programs, and departments she has chaired in addition to serving as Associate Dean and now Chair of Faculty Council. Kim's ability to lead serves as a model for her colleagues. We would all do well to emulate her selflessness and focus on resolving problems without creating new ones."

Barbara K. Altmann, Ph.D. President of the College



In Honor of GREGORY S. ADKINS William G. and Elizabeth R. Simeral Professor of Physics on the occasion of his receiving the Socrates Citation at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

The microscopic world described by quantum theory does not draw attention to itself overtly; rather, its unique and spectacular qualities become clear through the effects we observe indirectly. Much the same could be said about Greg Adkins, a brilliant and humble theoretical physicist whose work has quietly but substantially advanced our understanding of the quantum realm, and whose influence on students and colleagues continues to spark intellectual curiosity.

Professor Adkins' scholarly life has been dedicated to fundamental problems in quantum field theory. One of these is the theory of hyperfine splitting, a tiny but observable shift in the color of light emitted by atoms due to the interaction of the magnetic properties of the nucleus with the magnetic field created by the electrons in orbit. Greg has also done influential work on the decay rate of positronium, an atom-like combination of an electron and its positively charged anti-matter counterpart, a positron. When joined together, they co-exist for only about 100 nanoseconds before annihilating each other. His impressive publication record includes 68 articles in peer-reviewed journals and in 2022 he published the textbook "Quantum Field Theory: Atoms, Lasers, and Gravity." His work has been supported in part by 11 grants from the National Science Foundation, and his expertise and scholarly contributions have been recognized by the American Physical Society, which elected him as a Fellow in 1998, and awarded him the Prize for a Faculty Member for Research at an Undergraduate Institution in 2016.

Like his contributions to science, Professor Adkins' contributions to the College over his 40-year career have been numerous and significant. His colleagues have recognized him with the Dewey Award in 2000, the Lindback in 2012, and he has held the William G. and Elizabeth R. Simeral Professorship in Physics since 2007. He has served as Associate Dean as well as Chair of Physics and Astronomy twice. Greg has also been a regular and beloved actor, singer, and dancer in Fum Follies, often joined by his family members. His delight and enthusiasm for all things theatrical made him a role model for his fellow cast members.

Professor Adkins' most enduring legacy is undoubtedly the generations of students he has guided as an instructor and mentor. When asked about his style as a teacher, students frequently cite his enthusiasm. In the classroom, it's obvious that he is both "thrilled about physics" and "passionate about teaching and his work." He has mentored dozens of F&M students in research projects, more than 30 of whom are listed as co-authors on his publications. Greg's ability to guide so many undergraduate students through the abstract and difficult calculations attendant to his work continues to astonish his colleagues. A colleague has noted that "He mentors in a quiet, humble way that sometimes goes undetected by the very people he is influencing. This gentleness is what empowers and inspires his students to go on to achieve great things in their chosen careers."

Barbara K. Altmann, Ph.D. President of the College



In Honor of **CURTIS C. BENTZEL** Associate Professor of German on the occasion of his receiving the Socrates Citation at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

A scholar of German Romanticism, Curt Bentzel's interests, expertise, and curiosity have taken him well beyond the confines of 18th-century, German-speaking Europe. Professor Bentzel taught first-year students theories of the self, pursued his interests in Japanese through travel and study, collaborated with other faculty to introduce courses on sexuality and LGBTQ+ topics to the curriculum, and helped guide the German Program through the end of the Cold War and into the twenty-first century.

As an instructor of German, Professor Bentzel was well known for his immersive classroom. From day one in German 101, students heard and spoke only German. Thanks to Professor Bentzel's enthusiasm and deep understanding of communicative language teaching methodologies, students rapidly developed meaningful proficiency in the German language. Over the last decade, Professor Bentzel contributed to an innovative redesign of the German curriculum that integrated authentic German-language materials into every level of the curriculum. Recognizing the challenge of working with such materials in the beginning language classroom, Professor Bentzel began including in German 101 classic films from German silent cinema of the 1920s and designed materials to accompany them that wove together language practice with German culture and film history.

Literary Studies is at the core of Professor Bentzel's teaching and scholarship and he was a key advocate for establishing a program in Comparative Literary Studies at F&M. But his work on the F&M curriculum also recognized the need to address questions of identity and sexuality with our students. His popular interdisciplinary course "Constructing Sexualities: LGBTIQ Theory, Life, and Culture" drew on the expertise of many other faculty and remained a mainstay of the Women's, Gender, and Sexuality Studies Program. In recognition of his wide-ranging contributions to teaching at F&M, Professor Bentzel received the Christian R. and Mary F. Lindback Award for Distinguished Teaching in 1996.

Professor Bentzel received his B.A. from The George Washington University and his Ph.D. from Princeton University, both in Germanic Languages and Literatures. Prior to joining the faculty at F&M, Professor Bentzel was awarded a Fulbright Fellowship for study at the University of Freiburg and The Donald and Mary Hyde Fellowship for Research Abroad in the Humanities for research in Munich. His research focuses on the establishment of narrative voice in eighteenth-century German literature, particularly Johann Wolfgang von Goethe, which has informed the many upper-level seminars Professor Bentzel has taught in German. His capacious knowledge of literature, film, and culture have made Professor Bentzel a model of the liberal arts and a strong voice for the centrality of general education at F&M. He has played a significant role in shaping the curriculum, especially on the Educational Policy Committee, Connections Program Committee, and as Chair of the Department of German & Russian.

Professor Bentzel's resounding, infectious laugh and battered armchair have welcomed colleagues and students to Keiper Hall for over three decades. With his retirement, those will be missed and remembered as the Department and F&M carry Professor Bentzel's many legacies into the years ahead.

> Barbara K. Altmann, Ph.D. President of the College



In Honor of ALAN LEVINE Associate Professor of Mathematics on the occasion of his receiving the Socrates Citation at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

Professor Alan Levine's creativity and curricular innovation are evident in the titles of his courses — "Slice of Pi," "Math and Sports," "Sound, Music and Science," and "Irresistible Integrals and Seductive Series" — so it is no surprise that he has been the driving force behind several important curricular developments. In the early 1990s, Professor Levine co-authored "Discovering Calculus" with George Rosenstein. Its adoption put F&M at the forefront of the Calculus Reform movement. He also played a significant role in the department's decision to introduce theoretical mathematics in the sophomore year — by teaching several iterations of the course and writing Discovering Higher Mathematics: Four Habits of Highly Effective Mathematicians, one of the first such books of its genre. Professor Levine pushed to restructure the way probability and statistics are taught, opening up the sequence to more students. He was instrumental in proposing the applied math minor. Professor Levine developed and taught the full slate of courses, which was integral to the minor's early success and laid the foundation for currently graduating over 30 students each year.

Professor Levine's substantive contributions to the curriculum throughout his 40-year career derive from his wholehearted dedication to students. Thousands and thousands of students have taken the far-ranging courses he has offered. A few dozen have benefited from his supervision of a wide variety of independent studies and directed readings. Students appreciate Professor Levine's thorough class preparation. They praise his well-organized notes. They value the time he devotes to office hours. They tolerate his jokes. (Some even enjoy them.) Students know that Professor Levine, the only-ever occupant of Stager 208, always keeps his door open for help with homework in any class but Topology, for advice about actuarial exams, for calculus placement questions, and for commiseration about the Mets.

Professor Levine developed a reputation in the mathematical community for applying math modeling to sports. He is known more recently for translating a seminal monograph by famed Russian mathematician Andrey Markov.

When Professor Levine refers to himself as the "eighth dwarf, Cranky," he belies a generosity that extends far beyond his open office door. He freely shares his extra-mathematical talents, musical and otherwise. A devoted member of the F&M College Chorus, he is also widely beloved (if not a little feared) for his role as pianist in the Fum Follies parodies of life at F&M. Drawing on his expertise in genealogical research, Professor Levine provided the department with a history of the Ronald K. Stuart Prize, which has been awarded to the top math student(s) each year since 1962, as well as information about each of the 82 prize winners. His woodworking skills have furnished the department with tables, display cases, and a treasured plaque that honors a departed colleague.

These are but a few ways that Professor Levine has left his mark since arriving in 1983 with a Ph.D. in Applied Mathematics from Stony Brook University. His attention to the curriculum has been his most significant contribution and the department's offerings are stronger because of his influence; His colleagues and students have benefited greatly from his generous spirit and multiple talents.

Barbara K. Altmann, Ph.D. President of the College



In Honor of **RICHARD MOOG Professor of Chemistry** on the occasion of his receiving the Socrates Citation at the 2023 Commencement of **FRANKLIN & MARSHALL COLLEGE**

If you walked into Rick Moog's classroom in the past 30 years, you likely would not have found him lecturing. Instead, you would have seen teams of students interacting — discussing ideas, analyzing data, and working together to reach conclusions and master chemistry concepts. Professor Moog would be moving throughout the room, pausing to listen to the conversation and occasionally intervening with a question or encouraging comment, as the students experienced the joy of uncovering a new insight on their own. And later that day, you might have found him at women's volleyball practice, observing and encouraging the team, and — when he was a little younger! — actively participating in drills and scrimmages alongside the players.

This active approach has been the hallmark of Professor Moog's time at Franklin & Marshall, and has earned him an international reputation as an innovator in teaching, learning and education primarily through the development and dissemination of Process Oriented Guided Inquiry Learning (POGIL), a team-learning instructional strategy that is now implemented at high schools and colleges across the country and around the world.

Professor Moog earned his A.B. in Chemistry from Williams College and his Ph.D. in Physical Chemistry from Stanford University. He came to Franklin & Marshall in the summer of 1986, after two years in a postdoctoral position at Amherst College. F&M has been his home ever since.

Professor Moog has made complex topics accessible and meaningful to students in all of his courses — in regularly taught courses in general chemistry and physical chemistry, as well as advanced topics courses in lasers and in photophysics and photochemistry. His teaching excellence has been marked by numerous accolades, including the College's Lindback Award for Distinguished Teaching (1999); the James Flack Norris Award for Outstanding Achievement in the Teaching of Chemistry (2015), and the Pimentel Award in Chemical Education from the American Chemical Society (2016), the highest honor in the field of chemistry education. His leadership of The POGIL Project, the non-profit organization he founded as an outgrowth of his innovative teaching technique, led the organization to be recognized as a STEM Community of Transformation in 2015. And, most recently (and particularly significant to him), he was inducted into the F&M Women's Volleyball Court of Honor (2022) in recognition of his mentorship and support for over three decades.

Professor Moog's contributions to science education include the seminal 1999 article "A Guided Inquiry General Course" (Journal of Chemical Education), which has been cited hundreds of times. He has presented POGIL workshops around the world and has published numerous articles on pedagogy and educational research. Over the years, he has also mentored 34 F&M research students and has published 20 research papers in journals such as the Journal of Physical Chemistry A/B and Chemical Physics Letters.

In addition to Professor Moog's formidable accomplishments as a teacher and scholar, he has left an indelible mark on the F&M community as a mentor and colleague, bringing important alternative views and approaches to all of his work. He served as the mentor to the Miami STEM Posse 5 and provided early advocacy and support of STEM students engaging in study abroad programs. And the sound of "Rick Moog, Chemistry" at faculty meetings typically presaged a critical, yet helpful, viewpoint.

After his retirement from F&M, he will continue to bring his considerable enthusiasm and vast knowledge to effect systemic change in education as the Executive Director of The POGIL Project. We wish him well as he embarks on this exciting new chapter.

Barbara K. Altmann, Ph.D. President of the College



In Honor of JUDITH C. MUELLER Professor of English on the occasion of her receiving the Socrates Citation at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

Professor of 18th-Century English Literature Judith C. Mueller has traveled from the universe of William Blake's fantastic poetry and Jonathan Swift's ethical satires to the alternative realities of today's speculative fiction to the actual world of planet Earth, whose environment, and our stewardship of it, matters deeply to her. She recently published an essay titled, "Gimme Shelter in the Deep Future," which explores the necessity of our cultivating the capacity to dwell simultaneously in two time zones: the limited span of our lived experiences and the vast span of planetary history. To live in the Anthropocene, Judith writes that we must be sensitive to the "distinct and various temporalities of things: the young crab apple tree that put forth flowers for the first time this year, the sage brush that take many long years to regenerate if disturbed, the grouse that depends on that sage for the coming mating season, the oil rigs recently planted amidst the sage." To live with hope in an ecocide of oil rigs means traversing personal, cyclical, and cosmic time-scales. Such an ethical vision takes us back to Blake and Swift even as it takes us forward into the "deep future" of speculative fiction, all the while centered in Judith's own commitments to teaching, scholarship, and the environment.

Judith was awarded the Lindback Award for Distinguished Teaching in 2003 and the prestigious Ehrenpries Center for Swift Studies, Richard H. Rodino Award, in 1993.

Judith serves on the Hellam Township (Pennsylvania) Environmental Advisory Council and as Woodland Steward for the Lancaster Conservancy.

Judith served on the F&M Environmental Studies Committee and regularly offered these two courses: ENG/ ENE 260 "Nature and Literature" and ENG/ENE 362 "End of Nature? Literature of the Anthropocene." A recent program chair says that these were "much loved by students" and that "it's so important for our students to have this grounding in the humanities, and writing in particular, given the crucial role that literature has played in inspiring people to care about the environment and become more engaged citizens."

Judith served two tours-of-duty as Chair of the English Department, seeing it through an external review that importantly shaped the Creative Writing curriculum. Her door was always open for senior and junior colleagues, whom she mentored into our classrooms and campus with her sense of joy and purpose. Such mentoring is a beautiful art. Judith taught many courses in the long 18th Century and advised a variety of independent studies on such topics as, Vision and Myth: Blake and Yeats; Madness and Literature; From the East End to Albion: British Culture Through Literature and Music.

Judith notably served on the Brobdingnagian Governance Task Force that began the process of revising the Faculty Handbook.

Judith looks forward to living in a state of heightened biophilia on her rural property, as she cares for the land and those creatures who inhabit it. In her poignant beast fable, "Anaxyrus Americanus Lazarus," Judith writes about the natural wonder of a wee Lazarus, a toad whom she raises from seeming death with water from her garden hose. A must read.

Barbara K. Altmann, Ph.D. President of the College



In Honor of **TIMOTHY W. SIPE** Associate Professor of Biology on the occasion of his receiving the Socrates Citation at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

Professor Timothy Sipe is a devoted interdisciplinarian, whose extensive knowledge and abilities have been esteemed by his students and colleagues since his arrival at F&M in 1997. Professor Sipe's research spans a wide range in temperate forest ecology, from spatial-temporal microenvironmental variation to plant physiological ecology, forest regeneration, long-term compositional and structural dynamics, and tree-ring analysis of forest growth and carbon storage. But his passion extends to a broader love of nature and literature, as exemplified by his American Nature Essays course, which students extol for providing "the chance to read beautiful narratives about fascinating aspects of nature" while honing their own writing skills. Prof. Sipe is highly regarded as a nurturing mentor who "really cares about his students," and who intellectually challenges them "but is willing to help any student in any way he can." Words that appear repeatedly in the descriptions of him by his students are "kind," "patient," "enthusiastic," and "supportive."

His departmental colleagues also hold Professor Sipe in high regard for his dedication to research, his detailoriented approach, and his commitment to his students in the classroom, the lab, and the field. His ability to combine his own research efforts with opportunities for students to grow intellectually is especially admired, and has extended through several decades of field research at the Harvard Forest Long-Term Ecological Research site in Massachusetts, Allee Memorial Forest in Indiana, and several locations in southeastern Pennsylvania.

Professor Sipe earned his B.A. from Wabash College in 1978, an M.S. from the University of Tennessee in 1980, and a Ph.D. at Harvard in 1990. He was a professor at Gustavus Adolphus College in Minnesota during 1990-1997 before arriving at F&M. In addition to his Nature Essays class, he has been a continuing contributor to core and upper-level courses in ecology and forest ecosystems, as well as a Forests, Wood, and Culture course for non-majors. Professor Sipe has contributed in diverse ways to both departmental and college governance, notably as Chair of the Biology Department for three years, followed by a stint as Associate Chair. He has made significant contributions to the Environmental Studies and Environmental Science programs, including the initiation and development of both majors and service as chair of the Environmental Studies Program Committee. During the last decade, he has worked closely with Prof. Jeff Nesteruk in the Business, Organizations & Society Department, other colleagues at F&M, and external collaborators on enriching the relationships between liberal arts and business education, including the role of the natural sciences in this endeavor. This work has included organization of two conferences hosted by F&M (2017, 2023) involving participants from numerous liberal arts institutions and the Aspen Institute's Business and Society Program.

During his time at F&M Prof. Sipe has been an exemplar of an engaged and committed professor – his thoughtfulness, capabilities, and concern for others have been a constant resource and inspiration for his colleagues and students, and he will be missed.

Barbara K. Altmann, Ph.D. President of the College



In Honor of LOUISE L. STEVENSON Professor of History and American Studies on the occasion of her receiving the Socrates Citation at the 2023 Commencement of FRANKLIN & MARSHALL COLLEGE

Throughout her illustrious career as an historian and practitioner of American Studies, Louise Stevenson interrogated our understanding of our present by grappling with the legacy of the past.

Professor Stevenson joined the faculty in 1982 after receiving a Ph.D. from Boston University in American and New England Studies. The first woman tenured by the History Department and American Studies Program, Professor Stevenson was the 1992 recipient of the College's Bradley R. Dewey Award for Scholarship and Teaching. Stevenson has also won numerous awards, including grants from the Mellon Foundation, Winterthur Society, the Spencer Foundation, and the American Antiquarian Society. Professor Stevenson has contributed robustly to the fields of American History, Women's History, the History of Education, and American Studies. She is on the Lincoln Prize Advisory Council of the Gilder Lehrman Institute of American History and served on awards and planning committees for the Organization of American Historians and the American Antiquarian Society. She was nominated by President William Jefferson Clinton as a trustee of the James Madison Memorial Scholarship Foundation.

Deeply committed to scholarship, Professor Stevenson has repeatedly reconceptualized traditional topics in provocative ways by providing insights into subjects as far ranging as presidential history, the Harlem Renaissance, and US imperialism. She will follow up her most recent book, Lincoln in the Atlantic World, with a volume entitled Lincoln and Freedom on the High Seas.

Professor Stevenson's promotion of independent student research projects is legendary. Carving out space for the social sciences in the Hackman Scholarship Program, she supervised research that produced exhibits such as ones celebrating the College's bicentennial history and the Emancipation Proclamation's 150th anniversary and featuring the College's extensive World War I poster collection.

Professor Stevenson's absolute dedication to her students is impressive and reciprocated; they cherish her mentorship and friendship. Over the years, she has devoted countless hours to students of every ability. It is no wonder that so many maintain contact with her. Professor Stevenson's warmth and self-deprecating sense of humor always put students at ease; they also found it a real treat to run into her on campus with her dog. As one student recalled, "you were the first professor to take me under your wing and I will never forget that." Two decades after graduation, another asserted: "I am still in awe of your talent and energy... I am forever in your debt for making my F&M experience so special and meaningful." Simply put, she is one of those professors who is remembered over the years and decades.

Professor Stevenson is actively involved in the life of the College and the broader Lancaster community. She has left her mark on various groups by documenting their histories. Under her supervision, students unearthed primary sources related to the history of Lancaster's Women's Liberation Movement, the Lancaster Humane League, the Lancaster County League of Women's Voters, and the Lancaster Junior League. For nearly three decades, she served on the board of directors of the Lancaster County League of Women Voters and currently is on the Executive Committee of the Lancaster Medical Heritage Museum's board. As co-chair of the Legacy of Slavery at F&M Study Group, Professor Stevenson spearheaded the collection and archiving of documentary evidence. She authored the section on John Marshall while editing and proofreading her colleagues' contributions. The group produced a living history and helped structure initial conversations about this discomforting legacy. She ends her career with an undertaking that will benefit the Franklin & Marshall community for years to come.

Barbara K. Altmann, Ph.D. President of the College

ALMA MATER

Words and music by Garrett W. Thompson (1908)



WIND ENSEMBLE

Brian Norcross, Senior Director of Instrumental Music and Conducting Studies, Teaching Professor

FLUTE Jonah Ahlers * Saria Qin '24 Grace Runner '25 *M*

> OBOE Katie Clarke '24 Carly Gilbert *

CLARINET Mckenzie Golden '25 M* Andre Hurst Bailey Sparks '25

BASSOON Katie Pippenger '26 Lauren Simpson '24 *

ALTO SAXOPHONE Lena Bell '25

TENOR SAXOPHONE Maya Brigandi '26

BARITONE SAXOPHONE Aaron Puerzer '24 HORN Sabrina Doria '25 *M* Anne Nye *

- TRUMPET Lily Barrall Maya Carl Todd Fulginiti *
- TROMBONE Andy Walls * Jared Lavine '24

EUPHONIUM Ryan Kriebel

TUBA William Grager

PERCUSSION Adam Clark * Lana Dyer

> Kristin Dice Aiden Flory

The performers are listed in alphabetical order. This emphasizes the important contributions of each performer. In this way they are all principal players.

M Indicates a member of Mu Upsilon Sigma, which is the student leadership and service organization for Music at F&M

THE COLLEGE HOUSES

Ware College House

BONCHEK Community Democracy Charot PRIMUS INTER F&M Brooks WALIN & MARS **ROSCHEL COLLEGE HOUSE** HIC VIVIMUS ET CRESCIMUS

College Houses provide a crucial crossroads for faculty, students, distinguished visitors and alumni. They are "third spaces," neither classrooms nor residential halls, that fill a need intimately connected with the nature of a liberal arts education. The Houses offer faculty and students a setting for chance encounters and informal moments, as well as scheduled opportunities that spark students' potential, engage their intellectual imaginations, and connect them with alumni and current and future notables in environments that are stimulating, comfortable, and educational in the deepest sense.

The Houses are the meeting ground where students can interact and network among the extended College family. On any given day, students might encounter a government official, visiting alumni, distinguished scholars, candidates interviewing for positions at the College, faculty hosting small discussions, or CEOs looking for talent. Students create and host social events that bring them together with other members of the House and with the extended F&M community.

In these ways, the House environment integrates thoughtful deliberation and intellectual exploration into students' daily lives. This frequent engagement with ideas and exposure to disparate views helps students to form habits of thought and analysis that will vitalize their professional and personal lives. There are currently five College Houses: Bonchek, Brooks, Roschel, Ware, and Weis.



BACHELOR of ARTS

PARTICIPANTS ARE LISTED ACCORDING TO COLLEGE HOUSE

In the listing of majors, the use of "&" indicates a double major and the use of a hyphen between field names indicates an interdisciplinary major.

DEGREES ARE CONFERRED IN THE ORDER THAT THEY APPEAR IN THIS PROGRAM.

WEIS COLLEGE HOUSE

Thomas Harry Alexander West Chester, Pennsylvania Economics

* Brennan Allen El Dorado, Arkansas

Computer Science & German Language and Culture

Samuel Altman Farrell Severna Park, Maryland Economics & Mathematics

Tomas Alexander Augello Coopersburg, Pennsylvania Business, Organizations and Society

Kelsi Ann Baird Blue Springs, Missouri Economics & Government; Minor in History

Colin Michael Boyd Philadelphia, Pennsylvania Public Health (Government); Minor in Economics

Rachel Marie Caruso Nutley, New Jersey Public Health (Government); Minor in History Samuel Louis Chiesa Zionsville, Pennsylvania Economics; Minor in Area Studies (Japanese Language and Culture)

Bharat Hari Choudhary New Delhi, India Economics

Hannah R Connuck Danville, Pennsylvania Environmental Science & Spanish

Jack Ryan Crawford Pleasantville, New York Biochemistry and Molecular Biology

Joseph Cullen Livingston, New Jersey Business, Organizations and Society; Minor in Economics

* Ingram Alexander Dillingham Philadelphia, Pennsylvania Economics

Donald Ray Donley III Dauphin, Pennsylvania Business, Organizations and Society **Glory Iyenoma Edioma** Elizabeth, New Jersey Public Health (Biology)

Patrick Hunter Elliott Blue Bell, Pennsylvania Government-Economics

Nyamsuren Erdenebayar Ulaanbaatar, Mongolia Psychology; Minor in Art (History)

Chase James Fallon Hockessin, Delaware Business, Organizations and Society-Government

Keshon Farmer Philadelphia, Pennsylvania Economics

* Ronald Garcia Miami, Florida Biochemistry and Molecular Biology

Caitlin H Geller Armonk, New York Psychology; Minor in English

Mia Aislinn Gironda Chatham, New Jersey Astrophysics Julia Tatum Goodman Pleasantville, New York Chemistry & Italian

Lauren Faith Grobman Thornton, Pennsylvania Psychology; Minor in Sociology

Mallary Lynn Groff Lancaster, Pennsylvania Biology; Minor in French

Madeline Rose Hartley

Rochester, Massachusetts Biological Foundations of Behavior: Animal Behavior; Minor in Spanish

Amira Soleil Henry Ewing, New Jersey Women's, Gender and Sexuality Studies-American Studies; Minor in French

Christopher Michael Hisey Glenmoore, Pennsylvania Government

Lande Hu

Beijing, China Chemistry; Minor in Applied Mathematics

Nadezhda Ivaylova Ivanova Sofia, Bulgaria

Government; Minor in German Literature and Culture

Zyaira Dynasiah James

Philadelphia, Pennsylvania English (Creative Writing); Minor in Environmental Studies **Glorimar Jaramillo** Newark, New Jersey Public Health (Biology); Minor in Philosophy

Shanay Nyasia Jones Newark, New Jersey Sociology; Minor in Theatre

Kutay Karakaş Istanbul, Turkey Business, Organizations and Society-Computer Science; Minor in Applied Mathematics

Daniel Troy Kelleher Clarks Summit, Pennsylvania Business, Organizations and Society; Minor in Economics

Clara Allison Kewley Easton, Pennsylvania Art (Studio)-Theatre

Omar Tamer Khater Cairo, Egypt Computer Science; Minor in Mathematics

Emma Elizabeth Kline Kinnelon, New Jersey Biological Foundations of Behavior: Animal Behavior & Biology

Natalie Marie Kolb Jenkintown, Pennsylvania Business, Organizations and Society; Minor in Psychology

Julia Sylvia Kreuzer Merion Station, Pennsylvania German Language and Culture & Environmental Science; Minor in Geosciences **Cassidy Skyler Landau** Devon, Pennsylvania Economics & Psychology

Sydney Blayne Lippe Sparks, Maryland Government

Joshua Sebastian Lutchman Bronx, New York Government; Minor in Environmental Studies

Michael Maglione Verona, New Jersey Chemistry; Minor in Applied Mathematics

Sonal Kishore Mallick Cranbury, New Jersey Public Health (Sociology)

Audrey Grey Maneker Larchmont, New York Psychology & Spanish

Lissangel Martinez Miami, Florida Mathematics

Kayla Patricia Mejia Sunrise, Florida Film and Media-Theatre

William Joseph Michael Haddonfield, New Jersey Physics; Minor in Music Performance

William Leonard Mollihan Ridgewood, New Jersey Business, Organizations and Society

Lauren Elizabeth Mumby Chatham, New Jersey Economics-Geosciences **Gregory C Nieskens** Pine Brook, New Jersey Business, Organizations and Society

Tais Alejandra Olguin Dallas, Texas Psychology; Minor in Theatre

Connor Andrew Olson Darien, Connecticut Business, Organizations and Society

Eric Douglas Paxson Bethesda, Maryland Government & Business, Organizations and Society

Vincenzo Arturo Pelusi Worcester, Pennsylvania Government

Samantha Danielle Perry Newport Beach, California Government

Isabella Elizabeth Petrecca Port Deposit, Maryland Biochemistry and Molecular Biology; Minor in Anthropology

Christopher Anthony Sanzone Denville, New Jersey Public Health (Biology)

Nicholas Joseph Sebastian Wilkes Barre, Pennsylvania Biological Foundations of Behavior: Animal Behavior & English (Creative Writing) **Evan Michael Shinn** Kennett Square, Pennsylvania Physics & Mathematics

Mackenzie Ann Shirk Marietta, Pennsylvania Spanish-English (Literature)

Harmandeep Singh Broomall, Pennsylvania Biological Foundations of Behavior: Neuroscience

Jesse Leal Smit Cape Town, South Africa Business, Organizations and Society

Harrison Randall Sousa Reston, Virginia Business, Organizations and Society; Minor in Economics

Lauren Elizabeth Sphar Fort Worth, Texas English (Literature) & American Studies

Emma Maye Spigelmyer Wrightsville, Pennsylvania Biology; Minor in Classics

Ashley Mercedes Stewart New York, New York Business, Organizations and Society-Women's, Gender and Sexuality Studies

Disha Thakkar Mumbai, India Psychology; Minor in English

Alis Tokatlioglu Palisades Park, New Jersey Italian & Public Health (Government) Chloe Ulrich Columbia, Pennsylvania Psychology; Minor in English

Katelyn R. VanderSleen Mohrsville, Pennsylvania Biological Foundations of Behavior: Neuroscience & Biochemistry and Molecular Biology

Pablo Vega Roch Madrid, Spain Psychology

Shen Wang Beijing, China Economics & Psychology

Wenrong Wu Shanghai, China Biology & Computer Science

Aining Yang Shenzhen, China Economics & Psychology

Zihan Yu Zhengzhou, China Psychology

Wenjing Zhang Guangzhou, China Biological Foundations of Behavior: Neuroscience & Mathematics; Minor in Art (Studio)

Alexandria Leeann Zukiwski Clarksburg, Maryland Biology

ROSCHEL COLLEGE HOUSE

* Daniel Leo Altschuler New York, New York History; Minor in Hebrew Language and Literature

Gia Marie Angiolillo Collegeville, Pennsylvania Government-Public Policy

Audrey Christine Berling Toledo, Ohio Business, Organizations and Society

Michael Louis Betkowski Mercersburg, Pennsylvania Economics & Classical Society

Madeline Seher Bickel Haddonfield, New Jersey Business, Organizations and Society; Minor in Economics

Amelia Louise Bothwell Bel Air, Maryland Business, Organizations and Society & Environmental Studies; Minor in Psychology

Aaron Franklin Bram Mohnton, Pennsylvania Chemistry & Biochemistry and Molecular Biology

Grant Alexander Burgess Pottstown, Pennsylvania Economics

Paul O'Donnell Byrne Saint Louis, Missouri Economics; Minor in Art (History)

Sydney Colton Clark Philadelphia, Pennsylvania Biological Foundations of Behavior: Neuroscience; Minor in Psychology

Norah Mae O'Connell Clifford

Lambertville, New Jersey English (Creative Writing); Minor in Music Performance

Anna Elisabeth Coleman Reisterstown, Maryland Public Health (Sociology)

William Leo Rico Connolly Villanova, Pennsylvania Environmental Science; Minor in Environmental Studies

Wiley James Corlett Philadelphia, Pennsylvania International Studies-Art History

Stheffany Nicole Cumbicos Ramos Irvington, New Jersey Mathematics-Anthropology

Jici Dai Shanghai, China Art (History); Minor in French

Sarah Elizabeth Delaney West Chester, Pennsylvania Psychology

Linh Hue Dinh Hanoi, Vietnam Business, Organizations and Society & Computer Science

Sara Verdene Dollen Laurel, Maryland Biological Foundations of Behavior: Animal Behavior

Zoe Favilla Carlsbad, California Psychology & Public Health (Government) Margaret Louise Ferrandino Wyomissing, Pennsylvania Environmental Studies-Public Policy

Jake Amponsah Fleischer Accra, Ghana Economics

Mingcong Gao Changchun, China Mathematics

Jonathan Daniel Gomprecht New York, New York Physics & Mathematics

Jasmine Irene Guerra Los Angeles, California Biology

Connor Helm Lansdale, Pennsylvania Philosophy-Geosciences; Minor in Classics

Sameeha Hossain Millersville, Pennsylvania Public Health (Biology); Minor in Science, Technology and Society: Medicine in Society

Omar Nasim Khan Bronx, New York American Studies; Minor in Latin American and Latinx Studies

Io Katalin Kovach Falls Church, Virginia Astrophysics & Mathematics

Mateo Quimey Latorraca Rodrigo Miami, Florida Government Emma Anastasia Lenz-Mann Rockville, Maryland Environmental Studies-Geosciences

Maria Belen Leon Reyes Orlando, Florida Government & Sociology; Minor in Women's, Gender and Sexuality Studies

Jenna Lu Woodbridge, Connecticut Biology; Minor in Spanish

Nicholas R. Male North Yarmouth, Maine Environmental Studies

Teresa Meyer Shrewsbury, Massachusetts Biology

Mark Patrick Micolucci Jr. Philadelphia, Pennsylvania Psychology

Emily Smythe Mooney Avon by the Sea, New Jersey Economics-Sociology

Iain Thorn Moore Henrico, Virginia Government

Jacob Krug Nelson Gettysburg, Pennsylvania Biological Foundations of Behavior: Neuroscience

Zachary R Nusbickel Malvern, Pennsylvania Astrophysics & Mathematics

Kelsi Ember Parson Fort Loudon, Pennsylvania Sociology & Psychology Olivia Sage Pinilis Montclair, New Jersey Government-American Studies

* Thomas John Ricchetti Arlington, Virginia Mathematics

Brynne Hayley Rockovits Walnutport, Pennsylvania Moral Psychology; Minor in Classics

Isaac Dratch Rockower Huntingdon Valley, Pennsylvania Mathematics-Economics

Kaitlyn Nicole Roper Reading, Pennsylvania Business, Organizations and Society

Jack P Rose Jr. Scottsdale, Arizona Economics

Brenna Erin Schlechter Hershey, Pennsylvania Psychology-American Studies

* Ma'ayan Shahar Ambler, Pennsylvania Chemistry

Joshua Michael Slager Washington, D.C. Physics; Minor in Applied Mathematics

Alexander David Sobey-Strick Silver Spring, Maryland Physics; Minor in Applied Mathematics

Willem Thane Stoll South Salem, New York Environmental Studies-Biology Robel Nega Tadesse Addis Ababa, Ethiopia Business, Organizations and Society & Economics

Van Lal Ven Princeton, New Jersey Biology; Minor in Spanish

Jiayao Xu Zhejiang, China Economics; Minor in Area Studies (Japanese Language and Culture)

Jiawei Yang Fuxin, China Psychology

Olivia Leceta Young Bernardston, Massachusetts Economics-Mathematics; Minor in Computer Science

Zachary Justin Yusuf Mumbai, India Sociology

Zeyi Zang Kunshan, China Psychology

Junqian Zhang Beijing, China Spanish & Mathematics

Yongzhen Zhang Shanghai, China Economics

Chris Zhuo Hangzhou City, China Environmental Science

BROOKS COLLEGE HOUSE

Ahmed Abukwaik

Totowa, New Jersey Economics-Art (History)

Vyas Agarwal

Kolkata, India Biological Foundations of Behavior: Animal Behavior; Minor in Environmental Studies

Charlotte Elizabeth Amsbaugh Palo Alto, California Business, Organizations and Society

Elaine Christine Anderson Mechanicsburg, Pennsylvania Biochemistry and Molecular Biology; Minor in Dance

Georgia Anderson Hillsboro, Oregon Physics; Minor in Mathematics

Immanuela Asedah Antwi Newark, New Jersey Government; Minor in International Studies

Connor Mark Ashnault Green Brook, New Jersey Government-Economics & Italian

Zhymir Q.Ball Philadelphia, Pennsylvania Cognitive Science

John Patrick Banks IV

Perkasie, Pennsylvania Business, Organizations and Society

Jillian Lynne Barger

Blairsville, Pennsylvania American Studies & History; Minor in Environmental Studies

Holly Noelle Batchelder

Sarasota, Florida Biological Foundations of Behavior: Neuroscience; Minor in Applied Mathematics

Riley Eryn Mooney Benedik

Shippensburg, Pennsylvania Anthropology; Minor in Classics

Erblina Beqiri Bronx, New York Business, Organizations and Society-Environmental Studies

Delaney Michelle Bessel Ridgewood, New Jersey Biology

Maya Justine Blaisure Norwich, New York Public Health (Government); Minor in Sociology

Hannah Jean Bledsoe Bangor, Pennsylvania Environmental Science & Biochemistry and Molecular Biology

Abbigale Elizabeth Boehl Catonsville, Maryland Psychology; Minor in Sociology **Kiersten Leigh Busch**

Media, Pennsylvania English (Literature); Minor in Spanish

Kyra L Caffrey Kennett Square, Pennsylvania Government & Biology

Andrew Christopher Canjura Gansevoort, New York Government; Minor in Environmental Studies

Justin Alexander Carrasquillo Bronx, New York Psychology; Minor in Philosophy

Mariel Paces Carter Ewing, New Jersey English (Literature); Minor in Music Performance

Halle Chisholm Chandler Niantic, Connecticut Government

Meiyu Chen

Zhuhai, China Psychology; Minor in Art (History)

Qianchen Chen Wenling, China History

Yangqiushi Chen Fuxin, China Business, Organizations and Society Emily Ann Cleary Branchburg, New Jersey Public Health (Biology); Minor in Science, Technology and Society: Medicine in Society

Cristina Isabel Conde Homestead, Florida Psychology-Dance; Minor in Women's, Gender and Sexuality Studies

Kyle Scott Craig Wantagh, New York Business, Organizations and Society

Megan Helena Cunningham Darien, Connecticut Special Studies (Marketing Psychology, Concentration in Creative Writing)

John Calvin Edward Curran Shorewood, Wisconsin Theatre-English (Literature); Minor in History

Cassidy Mae Dahlkemper Waterford, Pennsylvania English (Literature)-Government

Alysse M Danyi Nazareth, Pennsylvania Business, Organizations and Society-Public Policy & German Language and Culture

William Carter Davis Philadelphia, Pennsylvania Philosophy; Minor in Spanish Thomas Vincent Decker Egg Harbor Township, New Jersey History

Thomas Robert Denlinger Skillman, New Jersey Business, Organizations and Society; Minor in Economics

John Francis DeSantis Wilmington, Delaware Business, Organizations and Society; Minor in History

Molly Ann Donatelli Glyndon, Maryland Anthropology; Minor in Art (History)

Samuel J Dupont Highland Lakes, New Jersey History

Annmarie Grace Earley Arlington, Virginia Public Health (Biology); Minor in Psychology

Kevin Chidubem Egemba Miami, Florida Biology

Sylvain Alexander Falquet Wayne, Pennsylvania Government; Minor in History

Bryn Rose Fitchett Hilltown, Pennsylvania Business, Organizations and Society-Biology; Minor in Sociology Daniel David Gaiewski Mystic, Connecticut American Studies & Government

Kalida Jennifer Gawon Miami, Florida Biology & Africana Studies

Giselle Gonzalez-Cantu Donna, Texas Public Health (Biology) & Government

Caleb Graham Inverness, United Kingdom Anthropology-Music

* Jayda Vanessa Grazette Brooklyn, New York American Studies

Katherine Marie Gunther Tarpon Springs, Florida Biological Foundations of Behavior: Neuroscience; Minor in Psychology

Lingxuan Guo Beijing, China Business, Organizations and Society; Minor in Applied Mathematics

Lang He Wuhan, China Environmental Science

Connor Magnani Hicks Pound Ridge, New York Geosciences; Minor in Economics Brandon Lee Hole Glen Rock, Pennsylvania Biochemistry and Molecular Biology

Skye Erica Howes Perrineville, New Jersey Psychology-Business, Organizations and Society

* Kehan Huang Guiyang, China Government & Mathematics

Isabel Margaret Hunter Doylestown, Pennsylvania Psychology

Ian Alexander Jehle Fairfield, Connecticut Economics; Minor in Spanish

Zezhou Ju Shenzhen, China Mathematics; Minor in Computer Science

Julia Ruth Kait Gladwyne, Pennsylvania Public Policy-Government

Julia Grace Kiefer South Euclid, Ohio Biology; Minor in English

Caroline E. Krueger Darien, Connecticut Business, Organizations and Society-Mathematics; Minor in Psychology

Dana Marie LaCapra Warren, New Jersey Biological Foundations of Behavior: Animal Behavior Samantha Kate LaRosa West Chester, Pennsylvania Biological Foundations of Behavior: Neuroscience; Minor in Sociology

* Marina Nicole Lazaro Feasterville Trevose, Pennsylvania Psychology

Patrick Leonard Levitt St. Louis, Missouri Mathematics; Minor in Music Performance

William Arlington Lewerenz Olney, Maryland History & Business, Organizations and Society; Minor in Russian Studies

Hanchi Li Zhengzhou, China International Studies-Sociology

Tianyu Li Dalian, China Mathematics-International Studies

Xiangning Li Shenyang, China Business, Organizations and Society; Minor in International Studies

Xiangyuan Li Chengdu, China Mathematics; Minor in Economics & Computer Science Yanxi Li Beijing, China Physics

Yuezhi Li Chongqing, China Psychology

Tracy Lin East Brunswick, New Jersey Biology; Minor in Science, Technology and Society: Medicine in Society

Ruijie Liu Qingdao, China Mathematics

Olivia Anne Lockey Highland Park, New Jersey Government & English (Literature)

Rui Ma Kunming, China Mathematics

Yiqin Ma Shanghai, China Environmental Studies; Minor in French

Clara Kei March Okuyama Valencia, Spain Economics & Government

Braeden Timothy McCarthy Huntersville, North Carolina Business, Organizations and Society; Minor in Applied Mathematics

* Degree requirements to be completed.

Murray Halaby McCarthy Monroe, Connecticut Government-Public Policy; Minor in Philosophy

Ziyu Mo Dongguan, China Physics

Delani Marie Munson Mountain Top, Pennsylvania Public Health (Biology); Minor in Classics

Gabrielle Yongling Nealon-Shapiro New York, New York Biological Foundations of Behavior: Animal Behavior; Minor in Hebrew Language

and Literature

Nguyễn Thuy Quỳnh Trâm Ho Chi Minh, Vietnam Mathematics & Business, Organizations and Society

Meagan Mary O'Callahan Clark, New Jersey Public Health (Government); Minor in Science, Technology and Society: Medicine in Society

Camryn Olivia Parsons Cleveland, Ohio Spanish-Government; Minor in English

Andrew Peter Petti II Clarksburg, Maryland Classical Society & Anthropology Jackson Robert Pfund Ridgewood, New Jersey Government

Annette Michelle Piñuelas Tucson, Arizona Anthropology; Minor in Area Studies (Japanese Language and Culture)

Arianna Cristina Pulido Zavala Chicago, Illinois Psychology-Art (Studio)

Zoe Alessandra Quayle Wayne, Pennsylvania Business, Organizations and Society & Sociology

Kyle Kenneth Roche Sandy Hook, Connecticut Economics

Jean-Paul Rojas Miami, Florida Anthropology; Minor in Latin American and Latinx Studies

Destiny Romaine Brooklyn, New York Women's, Gender and Sexuality Studies

Andrew Albert Rosica Madison, New Jersey English (Literature); Minor in Theatre

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Mary Elizabeth Sisler Skillman, New Jersey History

Sofia Kate Soderberg Pound Ridge, New York Environmental Studies-Film and Media; Minor in Spanish

Siying Song Wuxi, China Mathematics

Jonathan Austin Sorokin Cherry Hill, New Jersey English (Creative Writing) & Film and Media

Garett Daniel Springer Lititz, Pennsylvania Mathematics

Audrey Aileen Sullivan Medfield, Massachusetts Psychology-Spanish

Devyn Sword Staten Island, New York Government; Minor in Classics Francesca Lee Testa Montclair, New Jersey Sociology & Moral Psychology

Nicholas David Tewell Mechanicsburg, Pennsylvania Biology; Minor in Spanish

Itzel Torres Valdez Austin, Texas Spanish & Sociology; Minor in Latin American and Latinx Studies

Lucy Lewis Ulrich Bryn Mawr, Pennsylvania Government; Minor in History

Nga Quynh Vu Hanoi, Vietnam Economics & Computer Science

Ruoxi Wang Changchun, China Mathematics

Yuhe Wang Nanjing, China Psychology & Music

Zeyuan Wang Beijing, China Physics & Mathematics Benjamin John Winters Sudbury, Massachusetts Economics-History

Catelyn Ann Woelfle Long Valley, New Jersey Biological Foundations of Behavior: Neuroscience

Jiayuan (Katrina) Wu Shenzhen, China Economics & Psychology

Haowen Yang Xi'an, China Art (Studio)

Yang Yang Ho Man Tin, Hong Kong S.A.R. Astrophysics

Ziqi Yang Chengdu, China Psychology; Minor in Anthropology

Xinyang Yuan Beijing, China Psychology

Wuhaoxiu Yue Beijing, China Mathematics

Qifan Zhang China Psychology & Religious Studies Siming Zhang Beijing, China Economics

Xinyue Zhang Chengdu, China Mathematics; Minor in Computer Science

Yihao Zhang Hohhot, China Mathematics & Physics

Zhao Zhang Wenzhou, China Music & Philosophy

Chenxiao Zhou Jiaxing, China Music & Mathematics

Jessica Rose Zicherman Allentown, Pennsylvania Public Health (Biology)

Joseph Doyle Zobitz Summit, New Jersey Government

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WARE COLLEGE HOUSE

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Yidan Chen Kunshan, China Anthropology & Sociology

Skylynn Marie Coble Bainbridge, Pennsylvania Psychology; Minor in Spanish

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Catherine Ann DeSimone Mullica Hill, New Jersey Chemistry

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* Degree requirements to be completed.

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Siying Song	Katelyn R. VanderSleen	Whitney DuNann Wyche
Lauren Elizabeth Sphar	Nga Quynh Vu	Zhen Xie
Emma Maye Spigelmyer	Shen Wang	Jiayao Xu
Devyn Sword	Yuhe Wang	Ziqi Yang
Yuliana Camila Tamayo Latorre	Zeyu Wang	Xiaotian Yin
Francesca Lee Testa	Bennett Harrison Wasch	Olivia Leceta Young
Nicholas David Tewell	Catelyn Ann Woelfle	Zeyi Zang
Chloe Ulrich	Jiayuan (Katrina) Wu	Jiaxuan Zhang
		Junqian Zhang

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Khoi Minh Nguyen Le Eli Fisher Lee Peijie Li Wei Li Yuhui Li Sydney Blayne Lippe Zhanhao Liu Jenna Lu Jensen I Macaulay Michael Maglione Nicholas R. Male Curtis Nigel Mark Julie Eileen McFadden Mary Patricia McKenna Yixiong Mi William James Mulligan Lauren Elizabeth Mumby Delani Marie Munson Azra Mutapcic Syeda Lyla Jane Naqvi Sol Margaret Navarro Nguyên Thuy Quynh Trâm Zachary R Nusbickel Meagan Mary O'Callahan Andrew Peter Petti II Annette Michelle Piñuelas Martina Portolano Manuel Antonino Quiles Jason Alexander Rienzo Jessica Kim Robins

Brynne Hayley Rockovits	Disha Thakkar	Onuva Yusuf
Logan Paul Sailer	Lucy Lewis Ulrich	Shile Zeng
Jacob Ryan Seeherman	Tess Mei Wallace	Lan Zhang
Mackenzie Ann Shirk	DeWitt Conley Welch	Wenjing Zhang
Guotian (Tim) Shu	Devon Lynn Witt	Yihao Zhang
Jonathan Austin Sorokin	Wenrong Wu	Yongzhen Zhang
Garett Daniel Springer	Haowen Yang	Kunying Zhong
Mark Joseph Suchy	Yang Yang	Jessica Rose Zicherman
Robel Nega Tadesse	Xinyang Yuan	Danielle Elayne Zoellez
	Wuhaoxiu Yue	

DEPARTMENTAL HONORS

AMERICAN STUDIES

Jillian Lynne Barger

"The Treatment of Women Working in Vice in Lancaster, Pennsylvania, During and After the Republican Machine, 1913-1924"

ANTHROPOLOGY

Tegan Emily Baldini

"Craving Care and Serving Choice: Liminality in the Franklin & Marshall Dining System"

Madison Hope Fortier

"Understanding the Effects of Fire on Hominin-Processed Bones: An Experimental Approach"

Yuhui Li

"Virtual Matchmaking Corners in China"

Jean-Paul Rojas

"River Change and Community Continuity: Contextualizing Long-Term Occupation of the Upper Desaguadero River"

ART, ART HISTORY AND FILM

Kayla Patricia Mejia "Nighmare in Love"

Jonathan Austin Sorokin

"Support Group for Fictional Characters"

BIOLOGY

Kyra L. Caffrey

"Optimization of Quantitative PCR Methods for the Detection of *Naegleria fowleri* and the Impact of Water Quality on Amoebae Abundance in Lancaster County Waterways"

Sarah Nicole Gartner

"Drought and Flooding Effects on Herbivore Induced Responses in Solanum dulcamara"

Julia Grace Kiefer

"APC and Axin's Beta-catenin Binding Sites Are Partially Redundant Within the Beta-catenin Destruction Complex in *Drosophila melanogaster*"

Khoi Minh Nguyen Le

"Investigating the Interchangeability of APC's B-catenin Binding Sites in Colon Cancer"

BIOLOGICAL FOUNDATIONS OF BEHAVIOR

Wei Li

"Birds' Distributional Response to the Acoustic Presence of a Nocturnal Avian Predator in Spalding Conservancy"

BUSINESS, ORGANIZATIONS & SOCIETY

Bryn Rose Fitchett

"Exploring The Possibilities of Integrating and Adapting Design Thinking Into a Collaborative Healthcare Approach"

CHEMISTRY

Lande Hu

"Design, Synthesis, and Characterization of Stable Polycyclic Aromatic Hydrocarbon Radicals, Anions, and Cations"

CLASSICS

Thérèse Marie Watkins

"Troia Capta Secta Abiete: A Translation of Vergil's Aeneid Book II With Six Woodcut Illustrations"

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Yiqin Ma

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"Movements at Odds"

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Amanda Katherine Laule

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MATHEMATICS

Gregory S. Heilbrunn

"Decomposition of Nonnegative Integer-entry Matrices: Factorization in $M_2(\mathbb{N}_0)^{\bullet}$ "

MUSIC

Ana Barbara Martinez

"Senior Recital: Oboe"

Chenxiao Zhou

"Text and Music Relationships: An Analytical and Compositional Study"

PHYSICS & ASTRONOMY

Jonathan Daniel Gomprecht

"Vacuum Polarization Corrections to the Energy Levels of Hydrogenic Bound States at Order (alpha (Z alpha) ^5)"

Yanxi Li

"Calculating Higher Order Recoil Corrections to the Energy Levels of Hydrogenic Atoms"

Evan Michael Shinn

"Calculation of Radiative-Recoil Corrections to the Energy Levels of Hydrogenlike Bound States"

Yang Yang

"Classification Schemes for Optical-Selected AGN at z≈2.5"

PSYCHOLOGY

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"The Meeting of Confucianism and Western Psychology: A Theoretical Exploration"

Skylynn Marie Coble

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Zoe Favilla

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Skye Erica Howes

"Cuddly Guys Finish First?: Homosocial and Homoerotic Touch Enhances Prosocial Individual Benefits"

Mollie Jordyn Katzen

"Attitudes Toward Disability, Neurodiversity, Accommodations and a Sense of Belonging in Higher Education: A Comparative Analysis"

Molly Paige LaVoe

"The Association Between Parent and Family Dynamics and Anxiety in Autistic Children"

Madeleine Shaw

"Animacy Effects on Memory Among Typically Developing Children and Adults and Those With Autism Spectrum Disorder"

SOCIOLOGY

Kate Elizabeth Schell

"For the Love of Music: A Study of Identity Salience, Group Embeddedness, and Role Internalization Among Music Participants"

THEATRE AND DANCE

John Calvin Edward Curran

"The Act of Authenticity"

Tess Audrey Wyrick

"Directing Sarah Ruhl's Eurydice"

AWARDS

Atte Ilmari Aalto

Phi Beta Kappa Honor Society

Melanie Elizabeth Albicocco Pi Sigma Alpha Political Science

Honor Society

Brennan Allen Delta Phi Alpha National German

Honor Society

Jacob Elliott Antolini Theodore M. Wood Prize

Muhammad Shaamyl Anwar

John Kershner Scholar in Mathematics Pi Mu Epsilon Mathematics Honor Society

Connor Mark Ashnault

Departmental Summer Foreign Travel Award in Italian

Kelsi Ann Baird

Omicron Delta Epsilon Economics Honor Society Phi Alpha Theta National History Honor Society Pi Sigma Alpha Political Science Honor Society

Tegan Emily Baldini

Charles H. Holzinger Anthropology Award Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Sebastian Baler

Psi Chi National Psychology Honor Society

Jillian Lynne Barger

J. Fred & Nancy B. Sener Prize in American Studies John A. Andrew III Endowed Prize John Marshall Pre-Law Honor Society Phi Alpha Theta National History Honor Society Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Holly Noelle Batchelder

Benjamin Rush Honor Society Charles N. Stewart Award in Neuroscience Dana Scholar Isaac E. Roberts Prize in Biology Pi Mu Epsilon Mathematics Honor Society

Hannah Jean Bledsoe

Benjamin Rush Honor Society Dana Scholar Michelle Ann Kayal Memorial Scholarship Award Mu Upsilon Sigma Music Honor Society Music Department Vocal Studio Award

Evan Christopher Bletz

Environmental Science Award Music Department Award for Symphonic Wind Ensemble Phi Beta Kappa Honor Society

Abbigale Elizabeth Boehl

Psi Chi National Psychology Honor Society

Shannon Boodhoo

Delta Phi Alpha National German Honor Society Peter S. and Irene P. Seadle German Travel Award

Grace Bosley

John B. Noss Prize in Philosophy Sigma Delta Pi National Hispanic Honor Society

Amelia Louise Bothwell

John Marshall Pre-Law Honor Society

Robert Ryan Buchys

Benjamin Rush Honor Society

Kiersten Leigh Busch

"Premio de ensayo" of the Spanish Department Phi Beta Kappa Honor Society

Kyra L Caffrey

Ellen L. and Carl S. Pike, Ph.D. Biology Award Pi Sigma Alpha Political Science Honor Society

Qingyuan Cai

Alice Distler Award

Alexander Calabrese

Carl Hartzel Prize in French Phi Alpha Theta History Honor Society Phi Beta Kappa Honor Society Pi Delta Phi National French Honor Society Pi Gamma Mu National Social Science Honor Society Pi Sigma Alpha Political Science Honor Society Richard F. Schier Memorial Prize in Political Science

Andrew Christopher Canjura

John Marshall Pre-Law Honor Society

Sean Edward Carlson

Institute of Management Award

Mariel Paces Carter

Mu Upsilon Sigma Music Honor Society Phi Beta Kappa Honor Society

Rachel Marie Caruso

John Marshall Pre-Law Honor Society

Halle Chisholm Chandler

Phi Alpha Theta History Honor Society Pi Sigma Alpha Political Science Honor Society

Elisabeth Ida Møller Chapman

Dr. Morgan D. Person Prize Isaac E. Roberts Prize in Biology Mu Upsilon Sigma Music Honor Society Phi Beta Kappa Honor Society Michelle Ann Kayal Memorial Scholarship Award

Meiyu Chen Phi Beta Kappa Honor Society

Katherine Danielle Chevalier Rev. Arthur W. Barley Prize

Emily Ann Cleary

John A. Fry Delphic Student Athlete Award Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Norah Mae O'Connell Clifford

Mu Upsilon Sigma Music Honor Society Music Department Choral Program Award Phi Beta Kappa Honor Society

Skylynn Marie Coble

"Premio de ensayo" of the Spanish Department Kenneth A. Brookshire Memorial Prize Phi Beta Kappa Honor Society Sigma Xi Scientific Research Society Prize Cristina Isabel Conde Dance Award for Achievement in Choreography

William Leo Rico Connolly

Mu Upsilon Sigma Music Honor Society

Hannah R Connuck

Huffnagle Scholarship Fund Award Mu Upsilon Sigma Music Honor Society

Joseph Cullen

Albert L. Bell Memorial Prize in Accounting Omicron Delta Epsilon Economics Honor Society Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Cassidy Mae Dahlkemper

John Marshall Pre-Law Honor Society Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Pi Sigma Alpha Political Science Honor Society William Uhler Hensel Senior Prize

Jici Dai

Dana Scholar

Alysse M Danyi

Delta Phi Alpha National German Honor Society Departmental Summer Foreign Travel Award in German Jacob J. Miller Prize M. Joseph Buehrle Prize Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Brianna Elizabeth Davis

John Marshall Pre-Law Honor Society Pi Sigma Alpha Political Science Honor Society

Catherine Ann DeSimone

Mu Upsilon Sigma Music Honor Society

Lindsay Morgan Dewar

Mu Upsilon Sigma Music Honor Society

Diya Dhakal

Pi Mu Epsilon Mathematics Honor Society Southeastern Pennsylvania Section, American Chemical Society Award

Sara Verdene Dollen

Isaac E. Roberts Prize in Biology

Yihang Du

Pi Mu Epsilon Mathematics Honor Society

Hulamatou-Sadia Dukureh

J. Fred & Nancy B. Sener Prize in American Studies

Sydney Rita Dzenutis

Noel P. Laird Prize Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Annmarie Grace Earley

Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Glory Iyenoma Edioma

Huffnagle Scholarship Fund Award

Jack Ethan Emrey

John Kershner Scholar in Mathematics

Sylvain Alexander Falquet

Comparative Politics Achievement Award Phi Alpha Theta History Honor Society

Zoe Favilla

Junto Society Kenneth A. Brookshire Research Fellowship Paul L. Whitely Prize Phi Beta Kappa Honor Society Psi Chi National Psychology Honor Society

Margaret Louise Ferrandino

Phi Beta Kappa Honor Society

Edith Maguire Fields

Music Department Award for Orchestra Music Department Instrumental Studio Award Omicron Delta Epsilon Economics Honor Society Pi Mu Epsilon Mathematics Honor Society

Bryn Rose Fitchett

William H. Hager Prize

Jake Amponsah Fleischer Dana Scholar

Alice Evangeline Fodor

Nancy Juerges Geomorphology Award Phi Beta Kappa Honor Society

Madison Hope Fortier

Junto Society Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Stanley Craig Memorial Award

Daniel David Gaiewski

Dana Scholar

Melissa C Gates

Dana Scholar Noel P. Laird Prize Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Kalida Jennifer Gawon

Beverly Nelson Muldrow Award Music Department's West African Drumming Award The Bradford S. Kline Memorial Prize

Caitlin H Geller

Dana Scholar Phi Beta Kappa Honor Society

Mia Aislinn Gironda

Joseph R. Holzinger Astronomy Award

Jonathan Daniel Gomprecht

Frank Durrell Enck Memorial Prize in Physics John Kershner Scholar in Mathematics Phi Beta Kappa Honor Society Sigma Pi Sigma Physics Honor Society

Kristina Milagros Gonzalez

Congressman Edwin D. Eshleman Memorial Fund Award Pi Sigma Alpha Political Science Honor Society

Julia Tatum Goodman

Departmental Summer Foreign Travel Award in Italian Gamma Kappa Alpha Italian Honor Society

Caleb Graham

Alice and Ray Drum British Isles Summer Travel Award Junto Society

Katherine Marie Gunther Benjamin Rush Honor Society Dana Scholar

Nathan Robert Hamidi

Mu Upsilon Sigma Music Honor Society

Gregory S. Heilbrunn

John Kershner Scholar in Mathematics Pi Mu Epsilon Mathematics Honor Society Ronald K. Stuart Mathematics Prize

Claire Patricia Henke

Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Pi Mu Epsilon Mathematics Honor Society

Amira Soleil Henry

Angela Jeannet Award for Excellence in Women's, Gender and Sexuality Studies Departmental Summer Travel Award in French Harry L. Butler Prize for Study in France John A. Griffin Travel Award Muhlenberg Award Phi Alpha Theta History Honor Society Pi Delta Phi National French Honor Society

Connor Magnani Hicks

David T. Black Memorial Prize Geology Prize Richard A. Sheppard '56 Award

Hoang Luu Trong Nghia

American Chemical Society Division of Analytical Chemistry Award Pi Mu Epsilon Mathematics Honor Society Royal Society of Chemistry's Merck Index Award W. E. Weisgerber Chemistry Award

Brandon Lee Hole

Benjamin Rush Honor Society Phi Beta Kappa Honor Society

Sameeha Hossain

Theodore E. Woodward, M.D. Healing Arts Prize

Skye Erica Howes

Black Pyramid Senior Honor Society Phi Beta Kappa Honor Society Psi Chi National Psychology Honor Society Sarah A. Aronoff Award

Lande Hu

American Chemical Society Division of Inorganic Chemistry Award Annie and Ernest Weibrecht Endowed Chemistry Award Willig Pentathlon Chemistry Prize Richard C. Schiedt Trust for Graduate Study Prize American Chemical Society Division of Organic Chemistry Award American Chemical Society Division of Physical Chemistry Award Theodore Alexander Saulnier, Jr. Prize in Chemistry Fred A. Snavely Research Award H. H. Rawnsley Science Prize Phi Beta Kappa Honor Society

Ziqi Hua

Dana Scholar Minnie Zeid Memorial Prize in Economics Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society William M. Kephart Prize in Sociology

Liting Huang

Phi Beta Kappa Honor Society Pi Mu Epsilon Mathematics Honor Society

Chi Phuong Ngoc Huynh

Pi Mu Epsilon Mathematics Honor Society

Nadezhda Ivaylova Ivanova

Dana Scholar Delta Phi Alpha National German Honor Society John Marshall Pre-Law Honor Society Peter S. and Irene P. Seadle German Travel Award Phi Beta Kappa Honor Society Pi Sigma Alpha Political Science Honor Society Richard W. Krouse '68 Prize in Political Theory Robert C. Gray International Relations Prize

Glorimar Jaramillo Margery Brittain '79 Foreign Travel Award

Caroline Mary Junker

Mu Upsilon Sigma Music Honor Society Phi Beta Kappa Honor Society

Julia Ruth Kait

Dana Scholar Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Pi Sigma Alpha Political Science Honor Society Richard F. Schier Memorial Prize in Political Science

Kutay Karakaş

Pi Mu Epsilon Mathematics Honor Society

Cathlene Claire Kaseta

Minnie Zeid Memorial Prize in Economics Omicron Delta Epsilon Economics Honor Society Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Mollie Jordyn Katzen

Dana Scholar Paul L. Whitely Prize Phi Beta Kappa Honor Society Psi Chi National Psychology Honor Society

Omar Nasim Khan

Dana Scholar Thomas Gilmore Apple Prize

Omar Tamer Khater Pi Mu Epsilon Mathematics

Honor Society

Julia Grace Kiefer

Phi Beta Kappa Honor Society Richard C. Schiedt Trust for Graduate Study Prize

Audrey Mae Kinney

Mu Upsilon Sigma Music Honor Society Nolt Music Award

Io Katalin Kovach

H. H. Rawnsley Science Prize John Kershner Scholar in Mathematics Michael J. Mumma Prize in Physics and Astronomy Phi Beta Kappa Honor Society Sigma Pi Sigma Physics Honor Society

Emily Nicholas Kozell

Delta Phi Alpha National German Honor Society

Julia Sylvia Kreuzer

Delta Phi Alpha National German Honor Society Junto Society Wise-Beutner Structural Geology Award

Dana Marie LaCapra

Benjamin Rush Honor Society

Cassidy Skyler Landau Omicron Delta Epsilon Economics Honor Society Psi Chi National Psychology Honor Society

Kyle Joseph Lanzilotti Sidney Wise Public Service Internship Award

Samantha Kate LaRosa Benjamin Rush Honor Society Dana Scholar

Amanda Katherine Laule

Phi Alpha Theta History Honor Society Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Molly Paige LaVoe

Milton Sidney and Thelma Weinman Goldstein Judaic Studies Award Dana Scholar

Maria Belen Leon Reyes

Pi Sigma Alpha Political Science Honor Society

Patrick Leonard Levitt

Mu Upsilon Sigma Music Honor Society

Wei Li

Huffnagle Scholarship Fund Award Roger and Elizabeth Thompson Award in Animal Behavior

Xiangning Li

Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society William H. Hager Prize

Yanxi Li

John Kershner Scholar in Physics & Astronomy Sigma Pi Sigma Physics Honor Society Yuhui Li Bicentennial Prize

Jiahan Liang Phi Beta Kappa Honor Society

Weijun Liang Phi Beta Kappa Honor Society

Zhifei Liang

Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Robert M. and Elizabeth Hatton Landis Art Award

Tracy Lin Benjamin Rush Honor Society

Haolan Ling

John Kershner Scholar in Mathematics Michael Albert Lewis Memorial Prize in Physics Pi Mu Epsilon Mathematics Honor Society

Evelynn Kendall Lipham

Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Sydney Blayne Lippe John Marshall Pre-Law Honor Society

Ruijie Liu John Kershner Scholar in Mathematics Ronald K. Stuart Mathematics Prize

Olivia Anne Lockey Pi Sigma Alpha Political Science Honor Society

Annie Virginia Lopez John Marshall Pre-Law Honor Society

Sydney Elizabeth Lowe Psi Chi National Psychology Honor Society

Rui Ma

Phi Beta Kappa Honor Society Pi Mu Epsilon Mathematics Honor Society

Yiqin Ma

Carl Hartzel Prize in French Environmental Studies Award John Marshall Pre-Law Honor Society Phi Beta Kappa Honor Society Pi Delta Phi National French Honor Society Pi Gamma Mu National Social Science Honor Society

Sonal Kishore Mallick

Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Audrey Grey Maneker

Sigma Delta Pi National Hispanic Honor Society

Curtis Nigel Mark

Theodore E. Woodward, M.D. Healing Arts Prize

Maritza Márquez

Angela Jeannet Award for Excellence in Women's, Gender and Sexuality Studies Alice Drum Summer Research Award Dana Scholar Psi Chi National Psychology Honor Society

Ana Barbara Martinez

Hugh Alan Gault Award for Excellence in Music Mu Upsilon Sigma Music Honor Society Music Department Chamber Music Society Award

Roberto Alexis Martinez Peña

Pi Sigma Alpha Political Science Honor Society

Erin Rebecca Maxwell

Black Pyramid Senior Honor Society Dana Scholar Frederick C. Schaeffer History Prize George W. Wagner Political Science Prize John A. Andrew III Endowed Prize John Marshall Pre-Law Honor Society Phi Alpha Theta History Honor Society Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Pi Sigma Alpha Political Science Honor Society

Braeden Timothy McCarthy Institute of Management Award Jacob J. Miller Prize

Murray Halaby McCarthy Pi Sigma Alpha Political Science Honor Society

Mary Patricia McKenna Benjamin Rush Honor Society

Kayla Patricia Mejia

John B. Ovrutsky '74 Media Studies Award Nolt Film Award

William Joseph Michael Mu Upsilon Sigma Music Honor

Society

Ziyu Mo

John Kershner Scholar in Physics and Astronomy

Andrew Christopher Montoya

Albert L. Bell Memorial Prize in Accounting Institute of Management Award Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Iain Thorn Moore

Mr. & Mrs. Lanious B. Keiper Prize

Isabel Brackenridge Moss

"Premio de ensayo" of the Spanish Department Frederick C. Schaeffer History Prize Jose Greco Prize for Promoting Hispanic Cultures Phi Alpha Theta National History Honor Society

Phi Beta Kappa Honor Society Pi Gamma Mu National Social

Science Honor Society Pi Sigma Alpha Political Science

Honor Society

Lauren Elizabeth Mumby Lloyd S. Yeakel Memorial Award in Geology

Azra Mutapcic Benjamin Rush Honor Society

Sol Margaret Navarro Omicron Delta Epsilon Economics Honor Society

Gabrielle Yongling

Nealon-Shapiro Milton Sidney and Thelma Weinman Goldstein Judaic Studies Award

Nguyễn Thuý Quynh Trâm

Albert L. Bell Memorial Prize in Accounting Pi Mu Epsilon Mathematics Honor Society

Zachary R Nusbickel

John Kershner Scholar in Physics and Astronomy Joseph R. Holzinger Astronomy Award Sigma Pi Sigma Physics Honor Society

Gabrielle Ashley Painter John Marshall Pre-Law Honor Society

Kelsi Ember Parson Psi Chi National Psychology Honor Society

Camryn Olivia Parsons

Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Sigma Delta Pi National Hispanic Honor Society

Emi Patino-Kishigami

John Marshall Pre-Law Honor Society

Ellis Jonah Paull Milton Sidney and Thelma

Weinman Goldstein Judaic Studies Award

Isabella Elizabeth Petrecca Junto Society

Mirella Petrillo

Music Department Choral Program Award Phi Beta Kappa Honor Society

Andrew Peter Petti II

Mu Upsilon Sigma Music Honor Society

Lauren Elizabeth Proffitt Robert M. and Elizabeth Hatton Landis Art Award

Zoe Alessandra Quayle

William H. Hager Prize

Raluca Rilla

Edward S. Reed Prize Phi Beta Kappa Honor Society

Brynne Hayley Rockovits Benjamin Rush Honor Society

Isaac Dratch Rockower

Minnie Zeid Memorial Prize in Economics Omicron Delta Epsilon Economics Honor Society Pi Mu Epsilon Mathematics Honor Society

John Charles Rodenberger John A. Fry Delphic Student Athlete Award

Jean-Paul Rojas

"Premio de ensayo" of the Spanish Department Honorable Mention

Kaitlyn Nicole Roper Institute of Management Award

Kate Elizabeth Schell

Dana Scholar Pi Gamma Mu National Social Science Honor Society William M. Kephart Prize in Sociology

Brenna Erin Schlechter

Psi Chi National Psychology Honor Society

Peightyn Nichole Schwartz

John Marshall Pre-Law Honor Society Pi Gamma Mu National Social Science Honor Society Pi Sigma Alpha Political Science Honor Society

Jackson Gabriel Scott

Psi Chi National Psychology Honor Society

Madeleine Shaw

Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Psi Chi National Psychology Honor Society

Rufeng Shen

Albert L. Bell Memorial Prize in Accounting

Evan Michael Shinn

John Kershner Scholar in Mathematics John Kershner Scholar in Physics & Astronomy Phi Beta Kappa Honor Society Pi Mu Epsilon Mathematics Honor Society Sigma Pi Sigma Physics Honor Society Mackenzie Ann Shirk Dana Scholar José Martî Prize

Harmandeep Singh Dana Scholar Ellen L. and Carl S. Pike, Ph.D. Biology Award

Mary Elizabeth Sisler

Charles I. Landis Prize Phi Alpha Theta National History Honor Society Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society

Alexander David Sobey-Strick

Frank Durrell Enck Memorial Prize in Physics John Kershner Scholar in Physics & Astronomy Michael Albert Lewis Memorial Prize in Physics Phi Beta Kappa Honor Society Pi Mu Epsilon Mathematics Honor Society Sigma Pi Sigma Physics Honor Society

Sofia Kate Soderberg

Phi Beta Kappa Honor Society

Jonathan Austin Sorokin Dana Scholar Mu Upsilon Sigma Music Honor

Society Nolt Film Award

Emma Maye Spigelmyer Mu Upsilon Sigma Music Honor Society

Garett Daniel Springer Pi Mu Epsilon Mathematics Honor Society

Carter Paul Stansel Pi Sigma Alpha Political Science Honor Society

Hannah Mary Stelben

Burlingame Environmental Studies Research Award Jose Greco Prize for Academic Excellence Mu Upsilon Sigma Music Honor Society Music Department Award for Symphonic Wind Ensemble Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Sigma Delta Pi National Hispanic Honor Society

Mark Joseph Suchy

John Marshall Pre-Law Honor Society

Audrey Aileen Sullivan

Phi Beta Kappa Honor Society Sigma Delta Pi National Hispanic Honor Society

Devyn Sword

Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Pi Sigma Alpha Political Science Honor Society

Robel Nega Tadesse

Omicron Delta Epsilon Economics Honor Society

Yuliana Camila Tamayo Latorre

Arthur King Kunkel Prize Pi Sigma Alpha Political Science Honor Society

Francesca Lee Testa

Edward S. Reed Prize Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Psi Chi National Psychology Honor Society William M. Kephart Prize in Sociology

Nicholas David Tewell

Fredric C. Schiffman Prize Phi Beta Kappa Honor Society Theodore E. Woodward, M.D. Healing Arts Prize

Disha Thakkar

Psi Chi National Psychology Honor Society

Adrianna Grace Tomasello

Delta Phi Alpha National German Honor Society M. Joseph Buehrle Prize Mu Upsilon Sigma Music Honor Society Music Department Award for Orchestra Music Department Instrumental Studio Award Phi Beta Kappa Honor Society Pi Gamma Mu National Social Science Honor Society Pi Sigma Alpha Political Science Honor Society

Katelyn R. VanderSleen

Charles N. Stewart Award in Neuroscience Isaac E. Roberts Prize in Biology

Nga Quynh Vu

Alice Distler Award Minnie Zeid Memorial Prize in Economics Phi Beta Kappa Honor Society

Tess Mei Wallace Dana Scholar

Zeyuan Wang

John Kershner Scholar in Physics & Astronomy Pi Mu Epsilon Mathematics Honor Society Sigma Pi Sigma Physics Honor Society

Puyi Wang American Institute of Chemists Award Phi Beta Kappa Honor Society Shen Wang Omicron Delta Epsilon Economics Honor Society Pi Mu Epsilon Mathematics Honor Society

Yuhe Wang Nolt Music Award

Zeyu Wang Junto Society William Uhler Hensel Junior Prize

Bennett Harrison Wasch

Benjamin Franklin Prize Dana Scholar Pi Sigma Alpha Political Science Honor Society

Thérèse Marie Watkins

George F. Mull Latin Prize Phi Beta Kappa Honor Society Robert J. Barnett Translation Prize in Latin Poetry Winter72 Student Art Show Prize

Catelyn Ann Woelfle

Benjamin Rush Honor Society Psi Chi National Psychology Honor Society

Jiayuan (Katrina) Wu Phi Beta Kappa Honor Society

Qianyi Wu Phi Beta Kappa Honor Society

Whitney DuNann Wyche Environmental Science Award Huffnagle Scholarship Fund Award

Tess Audrey Wyrick Arleen (Cookie) Faust Prize for Humor Writing Phi Beta Kappa Honor Society Pi Delta Phi National French Honor Society Theresa Helburn Opdycke Award in Drama Zhen Xie

Albert L. Bell Memorial Prize in Accounting

Jiayao Xu Omicron Delta Epsilon Economics Honor Society

Yang Yang John Kershner Scholar in Physics and Astronomy

Olivia Leceta Young

Dana Scholar Omicron Delta Epsilon Economics Honor Society Pi Mu Epsilon Mathematics Honor Society

Onuva Yusuf

Mu Upsilon Sigma Music Honor Society

Zeyi Zang

Phi Beta Kappa Honor Society Psi Chi National Psychology Honor Society

Junqian Zhang

Junto Society Pi Mu Epsilon Mathematics Honor Society

Qifan Zhang

Charles D. Spotts Award in Religious Studies

Wenjing Zhang

Pi Mu Epsilon Mathematics Honor Society

Xinyue Zhang

John Kershner Scholar in Mathematics Pi Mu Epsilon Mathematics Honor Society

Yihao Zhang

John Kershner Scholar in Physics and Astronomy Sigma Pi Sigma Physics Honor Society

Zhao Zhang

Phi Beta Kappa Honor Society

Chenxiao Zhou

John Kershner Scholar in Mathematics Nolt Music Award Phi Beta Kappa Honor Society

Danielle Elayne Zoeller

Pi Mu Epsilon Mathematics Honor Society

THE COLLEGE MACE

The maple and poplar College Mace was designed by Professor Edmund Whiting, chair of the Department of Art at Franklin & Marshall College, in 1967–68 and created by J.E. Brubaker Pattern Works, formerly of Landisville, Pa. The mace is a replica of the four-spired tower of Old Main, one of the oldest buildings on campus. Inside the mace is a piece of an oak beam taken from the North Queen Street building where Franklin College established its quarters in 1788, less than a year after its founding. Since it was presented to the College by the Alumni Association at Franklin & Marshall's 189th Commencement on Sunday, June 11, 1967, the mace has become an official emblem of the College at ceremonial events.

THE ALUMNI TORCH

On the occasion of its 20th reunion in 1924, the Class of 1904 presented the College with a ceremonial torch, principally for use at Commencement. The members of the class hoped to create a new tradition in which the torch would be ceremonially handed from the Alumni Board president to the president of the senior class. This literal and symbolic "passing of the torch" was intended to welcome the newest graduates into the ranks of alumni.

For more than 75 years, this tradition was a centerpiece of Commencement. Unfortunately, the torch disappeared during the 2000 ceremony and has never been found. The Alumni Association, with the help of the Class of 2004 (in a fitting tribute to its predecessors of a century before), commissioned the creation of a new torch that is an exact replica of the original. This tradition has now been renewed.

THE ALUMNI ASSOCIATION

Founded in 1840, the Alumni Association of Franklin & Marshall College is one of the oldest in the country. It initially served as an intellectual society for graduates, who each year designated one of their members "Orator" and listened to his remarks on some current issue or philosophical problem at the annual meeting.

As the College evolved, so did the association. Following the merger of Franklin College and Marshall College in 1853, members of the original Marshall Association enthusiastically pledged themselves to their new institution. In 1874, the association incorporated in the Commonwealth of Pennsylvania. Regional chapters were soon formed, beginning in 1887 in Philadelphia, followed by the Southern Association (in Maryland) in 1890, the Lancaster chapter in 1894 and the Eastern Association (in Reading) in 1900. In the first decades of the 20th century, the association grew in size and in its ambitions. By 1937, there were 17 chapters across the country, including New York City, Baltimore, Washington, D.C., and as far west as Cleveland and Chicago.

The Franklin & Marshall Alumni Association today boasts chapters across the United States and hosts activities around the world. It serves approximately 26,000 alumni—who hold leadership positions in virtually every profession—through networking opportunities, social events, cultural programs and a dedicated career-services officer who provides alumni with support in areas such as career advisement, job placement, and job strategy assistance and skills assessment.

The Alumni Association also works to enhance the experience of current students. The board of directors of the Alumni Association supports two scholarships, hosts a celebration each Commencement weekend for graduates and, in recent years, has made important financial contributions to key strategic initiatives of the College.

Though times change, the spirit of the Alumni Association's mission endures: "to advance the welfare of the College and its alumni by engaging alumni in the life of their alma mater; fostering and strengthening the connections between and among alumni, students and the rest of the College community; and inspiring in alumni and students a lifelong sense of loyalty toward, pride in, and support of the College."