132nd Commencement

SUNDAY, JUNE 18, 2023, AT 9:30 A.M.
STANFORD STADIUM, STANFORD, CALIFORNIA
Order of Academic Procession

The Procession of Candidates for Degrees and of the Faculty will enter the stadium in the following order:

Vice Provost for Student Affairs, Chief Undergraduate Marshal

Flag of the United States of America
Flag of the State of California

Candidates for Bachelor’s Degrees

Associate Vice Provost for Student Affairs, Chief Advanced Degree Marshal

Candidates for Advanced Degrees

Chair of the Faculty Senate, Chief Faculty Marshal

University Flag

Senate of the Academic Council

University Award Winners, Distinguished Guests

Faculty

Deans of Schools

Officers of the University

Trustees

Chair of the Board of Trustees

University President’s Flag

Dean and Senior Associate Deans for Religious & Spiritual Life

Provost of the University

Commencement Keynote Speaker

President of the University

Degree candidate listings and student awards can be found online at commencement.stanford.edu

BACCALAUREATE CELEBRATION

The Baccalaureate Celebration was held in Frost Amphitheater on Saturday, June 17.

To view the Baccalaureate ceremony recording, please visit: commencement.stanford.edu/baccalaureate

The keynote address was given by:
Angela Warnick Buchdahl, Senior Rabbi, Central Synagogue, New York City

The student address was given by:
Lusciana Celeste Gomez, Biology, ’23
Commencement Program

Processional
Stanford Jazz Workshop Commencement Ensemble
James Nadel, Artistic Director, Stanford Jazz Workshop & Lecturer, Department of Music

America, The Beautiful*
Stanford Chamber Chorale
Stephen M. Sano, Professor, Department of Music & The Harold C. Schmidt Director of Choral Studies

Invocation & Stanford University Indigenous Land Acknowledgement*
The Rev. Dr. T. L. Steinwert, Dean for Religious & Spiritual Life
Lacey Calac Dunne (Rincon Band of Luiseno Indians & Chickasaw), Master of Science in Management, ‘23

Welcome
President Marc Tessier-Lavigne

Awards
Provost Persis Drell

Greetings to the Graduates & Keynote Speaker Introduction
President Marc Tessier-Lavigne

Keynote Address
John McEnroe, Tennis Champion

Conferral of Degrees
Candidates for degrees will be presented to the University President by the Deans and Provost

Closing
President Marc Tessier-Lavigne

The Stanford Hymn*
Stanford Chamber Chorale

Benediction*
Rabbi Laurie Hahn Tapper and The Rev. Dr. Colleen Hallagan Preuninger, Associate Deans for Religious & Spiritual Life, and The Rev. Dr. Sakena Young-Scaggs, Senior Associate Dean for Religious & Spiritual Life

Recessional
Stanford Jazz Workshop Commencement Ensemble

*Please stand, as you are able, for these portions of the program
Following the Benediction, audience members are asked to remain in their seats, until the stage party has recessed from the field.

<table>
<thead>
<tr>
<th>AMERICA, THE BEAUTIFUL</th>
</tr>
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<tbody>
<tr>
<td>O beautiful for spacious skies</td>
</tr>
<tr>
<td>For amber waves of grain</td>
</tr>
<tr>
<td>For purple mountain majesties</td>
</tr>
<tr>
<td>Above the fruited plain!</td>
</tr>
<tr>
<td>America! America!</td>
</tr>
<tr>
<td>God shed His grace on thee,</td>
</tr>
<tr>
<td>And crown thy good with brotherhood</td>
</tr>
<tr>
<td>From sea to shining sea</td>
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</tbody>
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<table>
<thead>
<tr>
<th>THE STANFORD HYMN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Where the rolling foothills rise</td>
</tr>
<tr>
<td>Up toward mountains higher,</td>
</tr>
<tr>
<td>Where at eve the coast range lies</td>
</tr>
<tr>
<td>In the sunset fire</td>
</tr>
<tr>
<td>Flushing deep and paling,</td>
</tr>
<tr>
<td>Here we raise our voices, hailing</td>
</tr>
<tr>
<td>Thee, our Alma Mater</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Refrain</th>
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<tbody>
<tr>
<td>From the foothills to the bay</td>
</tr>
<tr>
<td>It shall ring,</td>
</tr>
<tr>
<td>As we sing,</td>
</tr>
<tr>
<td>It shall ring and float away,</td>
</tr>
<tr>
<td>Hail, Stanford, hail!</td>
</tr>
<tr>
<td>Hail, Stanford, hail!</td>
</tr>
</tbody>
</table>
2023 University Awards

Walter J. Gores Faculty Achievement Awards
By request of Professor Walter J. Gores, a Stanford alumnus, Class of 1917, the Walter J. Gores Faculty Achievement Awards have been established at Stanford. The awards are given annually in recognition of excellence in teaching in its broadest sense. Ordinarily, awards are given to a senior faculty member (associate or full professor) or a senior lecturer, a junior faculty member or member of the teaching staff, and a teaching fellow or assistant. A fourth award may be given for a special innovative contribution to teaching.

The following individuals are the 2023 recipients:
Thomas Mullaney, Professor of Chinese History and (by courtesy) East Asian Languages and Cultures
Lakshmi Balasubramanian, Lecturer and Researcher, Graduate School of Education
Sophie Libkind, Ph.D. Candidate in Mathematics
Amanda Lu, Ph.D. Candidate in Education

Lloyd W. Dinkelspiel Awards
The Lloyd W. Dinkelspiel Award for Outstanding Service to Undergraduate Education at Stanford University is awarded annually to faculty or staff members and up to two members of the senior class who have made distinctive contributions to the development and enrichment of undergraduate education in its broadest sense.

Endowment for the awards was given in 1960 as a memorial by the family and friends of Lloyd W. Dinkelspiel, who served Stanford University with distinction for many years, most notably as President of the Board of Trustees from 1953 to 1958.

The following individuals are the 2023 recipients:
Marvin Diogenes, Associate Vice Provost for Undergraduate Education and Director, Program in Writing and Rhetoric, and Writing in the Major
Lernik Asserian, Lecturer, Department of Mathematics
Frankie Cerkvenik, B.S. Candidate in Computer Science, and M.S. Candidate in Computer Science

Kenneth M. Cuthbertson Award
In 1981, faculty friends established an endowed fund as a tribute to Kenneth M. Cuthbertson, a Stanford alumnus, one of the University’s first vice presidents, and the internal architect and staff director of the Campaign for Stanford. It is given annually to recognize exceptional service to Stanford University and honors the recipient’s contribution to the goals of the University understood in their widest sense. The Cuthbertson Award is open to all members of the Stanford community.

The following individuals are the 2023 recipients:
Stephanie Kalfayan, Vice Provost for Academic Affairs
B. Howard Pearson, Senior Philanthropic Advisor and Development Legal Counsel, and Lecturer in Law, Stanford Law School

President’s Award for the Advancement of the Common Good
This award honors alumni who exemplify the university’s mission and values and who demonstrate a commitment to learning, social responsibility, and ethical and effective service.

The following individuals are the 2023 recipients:
Rey Saldaña, President and CEO, Communities in Schools
Dianne Calvi, CEO, Village Enterprise

Stadium Information

Department of Public Safety
In case of emergency, call 911. Seek assistance from uniformed officers or security located in various areas in and around the stadium. Non-emergency police dispatch: 650-329-2413.

First Aid & Emergency Medical Technicians
In case of emergency, call 911. Look for red cross signs posted around stadium where additional medical assistance is available or seek assistance from any staff member or Emergency Medical Technicians (EMTs) on-site.

Lost Child/Family Member
In case of emergency, call 911. Lost family members will be escorted by Department of Public Safety staff who will coordinate and remain with them until they are reconnected with family.

Lost and Found
For lost items, visit gostanford.com and click on Fans in the main menu, then select Lost & Found. Found items may be turned in to any staff member or at the Stadium Operations Office near the Ticket Office, phone: 650-723-1949.

For items lost or found at other campus locations, email lostandfoundsu@stanford.edu.

Bag Check
The bag check tent is open from 7:30 a.m. to 12:30 p.m. Items left after closing will be brought to the Stadium Operations Office near the Ticket Office, phone: 650-723-1949.
The Flags of the University

The heraldic banners for the University’s seven schools combine the colors normally used on the hoods of the various disciplines, with symbols illustrating the activities of the histories of the disciplines, particularly at Stanford. The element which appears in all the flags is a triple frond of the redwood tree. By long usage, the Palo Alto redwood tree has been taken as the symbol of the University. The triple frond is used to symbolize the botanical function performed by leaves, namely the synthesis involved in the organization, transmission, and generation of knowledge which takes place in the schools and on which the scholarly growth of the University vitally depends. This common function of the schools is also represented in the Stanford cardinal red flag with the redwood frond embedded in a white circle.

Graduate School of Business
The design elements are the true knot, illustrating the unifying function of management, and the red lion. The lion not only reflects the concern of this school with finance, but also commemorates the school’s first dean, Professor Willard E. Hotchkiss, whose family bore the lion on its coat of arms.

Graduate School of Education
Pale blue, the academic and hood color for this school, is used as background for the lamp of learning, commonly employed as a symbol for education. The open book is an additional symbol for education widely used by universities and colleges.

School of Engineering
Orange, the color for the engineering hood, is used in the form of a flexible, expandable framework called a mascle, which illustrates the growth of this discipline in response to the growth and expansion of science and public needs. The deep blue reflects the extensive commitment of Engineering to doctoral studies.

School of Humanities and Sciences
White for the arts and yellow (gold) for science are combined in this flag with a red diagonal cross symbolizing the extent to which this school directs outwardly the studies of undergraduate students. The small black design element, the ermine, recalls the ermine-trimmed hood commonly worn by medieval scholars.

School of Law
Royal purple, the academic color of the law hood, is combined with a pattern of ermine on white. Ermine-trimmed robes are traditionally associated with justice, and the flag represents the dual concerns of law and justice.

Stanford Doerr School of Sustainability
The blue and green design symbolizes mountains and sky, while the dark blue and orange reflects the critical role of engineering. The knot in gold represents the sciences, which is embedded on a white background to represent the humanities and to further symbolize collaboration across disciplines.

University Flag
This flag takes as its primary design, the triple redwood frond, a symbolic and recurring element in the school flags, to symbolize the synthesis involved in the generation of knowledge.

Presidential Flag
The President’s Flag is derived from the seal adopted by the University’s first president. The tree represented in its natural colors, on a white background, is set off from the Stanford cardinal red field by a similar uniting ring, also used in the University seal.

The Academic Dress

Cap
The cap also known as a “mortarboard” is black with a cloth cover. Bachelor’s and master’s candidates wear these caps. A tassel that hangs from the mortarboard may be black or reflect the colors of the academic institution. Generally, institutions require undergraduate candidates to wear the tassel on the right front side before degrees are conferred and to shift them to the left once degrees are awarded. Doctoral candidates and faculty wear a tam which has a gold tassel.

Gown and Hood
The bachelor’s, master’s, and doctor’s gowns differ slightly in pattern. The gown for master’s degree has oblong sleeves that open at the wrist. The doctor’s gown bears velvet trimmings down the front and three bars across each sleeve. The velvet may be black, or it may be a color indicating the subject in which the wearer holds their degree. The doctor’s and master’s gowns are worn with a hood. The color(s) in the lining of the hood are those of the university or college which granted the degree, and the edging is the color of the wearer’s scholarly discipline.
Locations of School and Department Ceremonies

School and department ceremonies occur at various times and locations throughout the weekend across campus. Please see the Commencement Weekend website for dates and times of events. This list specifies the location of each department’s celebration and, if different, its reception. The locations can be identified by the number and grid locator corresponding to the map on the next page. Ceremonies in the Main Quadrangle also have the notation “MQ” (e.g., MQ Bldg. 40).

Main Commencement Ceremony, Stanford Stadium ..........★ [K4]
Indoor Commencement Livestream, Maples Pavilion ..........43 [G3]
Aeronautics and Astronautics, CEMEX Auditorium / Knight Management Center Bowl ......1/2 [F4/F2]
African and African American Studies, Tresidder Memorial Union, Oak Room ..................3 [B8]
American Studies, Ford Center Grove ..................4 [F5]
Anthropology, Papua New Guinea Sculpture Garden ......5 [A10]
Applied Physics, Hewlett Bldg., Rm. 200 / Varian Physics Patio ........................................48/49 [E11/E10]
Archaeology Center, Archaeology Center front patio ..........6 [C8]
Art and Art History, McMurtry Building ..................7 [H11]
Asian American Studies (CCSRE), Lomita Mall Lawn, near MQ Bldg. 360 ......................16 [D10]
Bioengineering, Science & Engineering Quad SE Lawn ..........8 [D11]
Biology, Bass Biology Bldg., Nolop Courtyard ............9 [B11]
*Business, Graduate School of (GSB), Frost Amphitheater / Knight Management Center .........27/28 [H7/F4]
Chemical Engineering, Science & Engineering Quad SE Lawn ........................................11 [D11]
Chemistry, Sapp Center for Science Teaching & Learning Auditorium and Courtyard ...............12 [G10]
Chicano/Latino Studies (CCSRE), Lomita Mall Lawn, near MQ Bldg. 360 ......................16 [D10]
Civil and Environmental Engineering, Memorial Auditorium/Memorial Auditorium East Patio ..........13 [F6]
Classics, Front of Green Library by Centennial Fountain ..........14 [D7]
Communication, Memorial Court ................................15 [E9]
Comparative Literature (DLCL), Dinkelspiel Auditorium / MQ Oregon Courtyard ........19/20 [B8/D8]
Comparative Studies in Race and Ethnicity (CCSRE), Lomita Mall Lawn, near MQ Bldg. 360 ....16 [D10]
Computer Science, Frost Amphitheater ..........................17 [H7]
Design, Kennedy Grove .........................................18 [B9]
East Asian Languages and Cultures, Littlefield Courtyard ........21 [G7]
East Asian Studies, Littlefield Courtyard ..................21 [G7]
Economics, Hoover Tower Front Lawn ....................22 [E7]
Education, Graduate School of, Canfield Court ............29 [B6]
Electrical Engineering, School of Medicine Alumni Green / School of Medicine Dean's Lawn ...........23/24 [F13/G12]
English, Memorial Church / MQ Bldg. 60 Arcade ........25/26 [D9]
Feminist, Gender, and Sexuality Studies, Ford Center Grove ....4 [F5]
Film and Media Studies, McMurtry Building ..................7 [H11]
French and Italian Studies (DLCL), Dinkelspiel Auditorium / MQ Oregon Courtyard ........19/20 [B8/D8]
German Studies (DLCL), Dinkelspiel Auditorium / MQ Oregon Courtyard .............19/20 [B8/D8]
History, Lane History Corner MQ Bldg. 200, Citrus Courtyard ....30 [E8]
Human Biology, Center of MQ / MQ East near Bldg. 20 ....31/32 [D9/D8]
Iberian and Latin American Cultures (DLCL), Dinkelspiel Auditorium / MQ Oregon Courtyard ..........19/20 [B8/D8]

Institute for Computational & Mathematical Engineering, SEQ, Mackenzie Room (Rm. 300), Huang Bldg. ..........33 [D11]
International Policy Studies, Encina Hall Bldg. ..........34 [E5]
International Relations, Dohrmann Grove, adjacent to Art Gallery ..........................................................35 [E7]
Jewish Studies (CCSRE), Lomita Mall Lawn, near MQ Bldg. 360 ..................................................16 [D10]
Latin American Studies, Bolivar House, Alvarado Rd. ....36 [A4]
*Law, School of, Canfield Court / Crocker Garden .....55/56 [B6/B6]
Linguistics, Knight Building Courtyard ......................37 [G7]
Management Science and Engineering, Lagunita Courtyard 38 [A12]
Master of Liberal Arts, Keith Memorial Terrace behind Memorial Church ..........39 [C9]
Materials Science and Engineering, SEQ, Nvidia Auditorium, Huang Bldg. ..........40 [D11]
Mathematical & Computational Science, Sequoia Hall Grove between Sequoia Hall and Jane Stanford Way ..........41 [E10]
Mathematics, Lomita Grove adjacent to Math Corner, MQ Bldg. 380 ............................................42 [E10]
*Medicine, School of, School of Medicine Alumni Green / Dean’s Lawn .......................57/58 [F13/G12]
Music, Braun Music Center, Campbell Recital Hall / Braun Courtyard ..................45/46 [A7]
Native American Studies (CCSRE), Lomita Mall Lawn, near MQ Bldg. 360 ..................16 [D10]
Philosophy, MQ Bldg. 90 Arcade ..................47 [D9]
Physics, Hewlett Bldg., Rm. 200 / Varian Physics Patio ........................................48/49 [E11/E10]
Political Science, Crothers Courtyard ..................50 [D5]
Public Policy, Toyon Hall Lawn ..................53 [D4]
Religious Studies, Bldg. 310 Lawn ..................54 [D9]
Russian, East European and Eurasian Studies, Center for, Bechtel Courtyard / Moghadam Atrium ..........10 [E5]
Science, Technology, and Society, West Oval Grove ..........59 [F9]
Slavic Languages and Literature (DLCL), Dinkelspiel Auditorium / MQ Oregon Courtyard ........19/20 [B8/D8]
Sociology, East Oval Grove ..................................60 [F8]
Stanford Doerr School of Sustainability, Mitchell Earth Sciences Bldg., North Patio ..........61 [C10]
Statistics and Data Science, Sequoia Hall Grove between Sequoia Hall and Jane Stanford Way ..........62 [E10]
Symbolic Systems, Hewlett Bldg. Lawn ..................63 [E11]
Theater and Performance Studies, Roble Gym Courtyard ..........64 [C11]
Urban Studies, East Oval Grove ..................60 [F8]

Information Centers, Stadium Gates 2, 4 & 5 ..................★ [K4]
Information Center, Corner of Galvez & Jane Stanford Way ..........[i] [F6]
Information Center, Sam MacDonell Mall ..................[i] [H5]
Information Center, Front Steps of Main Quadrangle ..........[i] [E9]
Information Center, Galvez & Memorial Way ..................[i] [G6]
Information Center, Jane Stanford Way & Lassen Mall ..........[i] [E8]

*Ceremonies were held on Saturday, June 17, 2023.

A Note for Faculty & Graduates: The Bookstore is open Sunday and Monday for return of academic regalia.