PROGRAM OF THE DAY

THE UNIVERSITY OF UTAH
COMMENCEMENT 2014
THE UNIVERSITY OF UTAH
2014 ANNUAL COMMENCEMENT
MAY FIRST – JON M. HUNTSMAN CENTER

Procession – 5:50 P.M. – Commencement – 6:30 P.M.

THE UNIVERSITY OF UTAH
COMMENCEMENT 2014

#UtahGrad2014 /universityofutah
Dear Friends:

On behalf of the faculty, staff and students at the University of Utah, congratulations to the class of 2014!

Your hard work has brought you to this significant milestone. Commencement is a celebration of your achievements and an opportunity to acknowledge and thank everyone who supported your success.

Take time today to reflect on how far you have come toward the realization of your aspirations, and consider that you are joining proud alumni who are using what they have learned at the U to strengthen our local, state, national and global communities.

We are proud of your success and have high expectations for your future.

Sincerely,

David W. Pershing

If you know of high school students who might thrive in this extraordinary educational environment, we’d love to hear from them and learn more about their goals and interests. The Office of Admissions allows students to create their own My U Page to request information about the U and tell us more about themselves. To get started, have them visit utah.edu/MyUPage to create a user name and password. We’re always eager to help such students become part of the U’s storied tradition.
Prelude Music and Video
All Commencement music performed by the University of Utah Wind Ensemble, Scott Hagen, Conducting

Commencement Procession of Official Party, Faculty and Candidates for Degrees
Pomp and Circumstance No. 1, by Edward Elgar
Crown Imperial, by William Walton
Grand Processional, by Donald Haddad
A Festival Prelude, by Alfred Reed

The National Anthem
Melissa Stettler

Welcome
David W. Pershing, President, The University of Utah

Introduction of Distinguished Teaching, Distinguished Scholarly & Creative Research, Distinguished Innovation and Impact, Distinguished Service Awards, and the Calvin S. and JeNeal N. Hatch Prize in Teaching Award Recipients
Video Presentation
Ruth Watkins, Senior Vice President for Academic Affairs

Student Speaker
Janine Henry

Presentation of Rosenblatt Prize

Interlude
Overture to Candide by Leonard Bernstein

Awarding of Honorary Degrees

Commencement Address
Alex Smith, Professional Athlete and Philanthropist

Welcome to the Alumni Association Video

Presentation of Candidates and Conferring of Graduate Degrees and Certificates
David Kieda, Dean of the Graduate School

Presentation of Candidates and Conferring of Baccalaureate Degrees and Certificates
President David W. Pershing

Commencement Recessional
The Sinfoniens March, by Clifton Williams
Alex Smith
Professional Athlete and Philanthropist

In 2005, Alex Smith graduated from the University of Utah with an undergraduate degree in economics, had started a master’s program, and was the No. 1 draft pick in the NFL draft, as quarterback for the San Francisco 49ers. Utah, 49er, and now Kansas City Chiefs fans know his football stats by heart. Few know the equally inspiring details of his academic career and philanthropic endeavors.

On the field, he led the Utes to a 21-1 record and victories in the 2003 Liberty Bowl and 2005 Fiesta Bowl. In his transition from college to the pros, he faced the challenges of any rookie, but by 2011, Smith led the 49ers to the division title. Following an injury that ended his starting position with San Francisco in 2012, he was traded to Kansas City in 2013 where he led the team to a 9-0 start and its first playoff berth in three years. Academically, he sped through his curriculum at the U because, “when other high school seniors were scaling back their schedules, Smith was piling on. He was able to earn an economics degree in two years at Utah because he earned 64 units of college credits through advanced placement classes at Helix [High School],” noted the hometown San Diego Union-Tribune after Smith received the 49ers call.

In 2007, Smith started the Alex Smith Foundation and the Alex Smith Guardian Scholars Program, which helps send foster teens to college. The San Francisco Chronicle reported that the foundation is a model of sports charities, spending 91 percent of its funds on scholarships and grants. Giving back on campus, the Alex Smith Strength & Conditioning Center at the U opened in the summer of 2009. Smith and his wife Elizabeth have two children.

Christine A. Jones
Associate Professor of French

“This is why I went to college”— from a student’s course evaluation — is high praise indeed. Christine Jones not only teaches French literature, but also inspires her students to engage with French culture. This is no small task, as Jones is an expert in 17th- and 18th-century France. Nevertheless, she is able to make that period relevant to students despite its differences from the present day. Creative approaches to the printed texts help bring them to life. Having advanced students perform La Barbe bleue, a 1697 fairy tale, for lower-level classes not only immersed actors and audience in the original French, but also framed questions of grammar in an interactive way. She uses visits to Rare Books at the Marriott Library and art at the UMFA to reinforce the interdisciplinary nature of her approach to the past. Students apprentice as teachers and researchers in her classrooms through the Undergraduate Research Opportunity and the Student Experts in Teaching programs, and publish their results. Her creativity extends beyond the regular classroom to intensive workshops for high school French teachers and has inspired her own colleagues in their careers. Jones holds a Ph.D. in French literature from Princeton University and joined the U in 2000.
Vincent Cheng  
*Shirley Sutton Thomas Professor of English*

“He spoke as though he would rather be nowhere else than sharing his love of Victorian, romantic and modernist literature with us,” remarks one of Vincent Cheng’s graduate students. Cheng is an internationally recognized scholar of the work of James Joyce, modernism and post-colonial studies. He is also chair of the English department’s new outreach committee, in line with his own willingness to speak to off-campus groups, from the local Hibernian Society to students in the Venture and Horizonte programs. He guides and supports students, both graduate and undergraduate, to deliver papers at the International and North American Joyce conferences. His interests and intellectual reach are diverse and cross-disciplinary: he raises scholarship funds for first-generation students, helps students navigate some of the most difficult texts in modern literature and sings Irish songs to help make the challenging material fun and exciting. His record reflects a successful commitment to his students because even in a tough job market, nearly all his doctoral students have found teaching positions at other universities. Cheng holds a Ph.D. in English literature from Stanford University and has been on the faculty at the U since 1999.

Joel M. Harris  
*Distinguished Professor of Chemistry  
Adjunct Professor of Bioengineering*

“Joel is well known as an instrument geek,” says more than one nominator. Rather than doing paperwork in his office, he is most often crouched over a laser or spectrometer, tweaking and adjusting, figuring out with a student the best way to do an experiment. Harris was hired in 1976 to found the U’s analytical chemistry program. In the decades since, he has not only excelled in research, winning nearly every major research award in the field of analytical chemistry, but trained 40 PhDs and thousands of undergraduates. Now as professionals in research, health science, and industry, many look back at the capstone learning experience of Chemistry 3000 — and Harris’ infectious enthusiasm for science and challenges to solve real-world problems — as a career-defining experience. Professor Norm Dovichi, who is credited with developing instrumentation to first sequence the human genome, was the first graduate student in analytical chemistry at the U, studying under Harris. Another measure of his impact is a new teaching lab — The Joel M. Harris Bioanalytical Undergraduate Laboratory — supported by donations from 15 former students and named to honor his contributions to undergraduate and graduate education at the U. Harris received a B.S. from Duke University and Ph.D. from Purdue University.

William Jeff Metcalf  
*Assistant Professor of English*

“All teachers are thieves,” says Jeff Metcalf, explaining his appropriations from people and experiences that have shaped his teaching philosophy. His best teachers “saw something in me that I could not, at the time, see in myself.” That perspective persists with his own students, and to theirs. A colleague at the U — who was first Metcalf’s student in high school 30 years ago — says his ability to build bridges between otherwise disparate worlds is what teaching is all about. Metcalf converts what he has “taken” and returns it to the community. Examples: the Venture Course, where he teaches groups of low-income students with limited exposure to higher education to see themselves and worlds they have never known through literature; and the Humanities in Focus program, where he helps these students craft their stories into polished films, carrying their traditionally unheard voices to the larger community. In addition to his teaching load, he is a prolific and award-winning writer and journalist. His one-man play, *A Slight Discomfort*, about his experience with prostate cancer, premiered in 2008. Metcalf holds a master’s of education from the University of Utah, where he has taught since 2002.
Distinguished Scholarly and Creative Research Awards

M. Denise Dearing
Professor of Biology

In the long battle between mammals and the plants they eat, plants evolved poisons to defend themselves and mammals evolved way of beating those defenses. Denise Dearing’s research has focused on nutritional ecology, specifically, how mammals such as pikas, woodrats and spiny mice developed liver enzymes, gut microbes and behaviors (like spitting out seeds or storing food) so they can eat toxic plants such as creosote and juniper. Dearing’s research also addresses the ecology of infectious disease, namely, how lack of diversity in rodent populations affects the spread of deadly hantavirus among deer mice — animals that transmit the disease to people. Her colleagues praise her: “She pushes the envelope in clever ways.” “Her enthusiasm and love of biology come through loud and clear.” “One of the world’s top authorities on mammalian herbivores.” “An unusually creative scientist” whose work on mammal-plant interactions “is simply the best on the planet.” Dearing earned her B.S. at Eastern Connecticut State University, M.S. at University of Vermont and Ph.D. at the University of Utah. She joined the faculty in 1998 and became full professor in 2007. She currently serves as an associate dean of the College of Science.

Andres Villu Maricq
Professor of Biology

How do we learn, remember and forget? Those questions are central to Villu Maricq’s research on synapses, the connections through which chemical nerve signals are transmitted from one nerve cell or neuron to the next. Using the nematode or roundworm and its genes as a model, Maricq studies how synapses work, how nerve cells use them to communicate and how circuits of neurons work. He has identified major genes and related components of “glutamate receptors” that receive chemical nerve signals sent through synapses. He examines these neurotransmitter receptors from their genetic and molecular basis to their electrical activity in nerve signal transmission to their effect on the behavior of the whole animal, such as foraging and response to touch. Maricq’s work has implications for understanding and possibly treating synapse-related diseases such as Alzheimer’s, anxiety, depression, schizophrenia and learning disabilities. One colleague calls Maricq “an incredibly creative and productive investigator.” Another says “his research is bold, imaginative, squeaky clean and of broad relevance.” Maricq earned his B.S. at Brown University, Ph.D. at University of California, Berkeley and M.D. at University of California, San Francisco, then joined the University of Utah faculty in 1996, and was named full professor in 2005. He is the founding director of the University’s Center for Cell and Genome Science.

Distinguished Faculty Service Award

Hester L. Henderson
Associate Professor Exercise and Sport Science

“Her idea to pair a child with special needs with a U of U student is genius,” remarks one parent. With the help of colleagues, Henderson started the U-FIT program in 2000, combining teaching with community service. It has grown to be one of the most important recreational outlets for children with special needs in the region. Currently serving 140 children, each child participates with a trained U student every Friday night in activities including swimming, art, dance and various motor and sport skills in the gym. The program gives parents a valuable respite or an exercise program and provides leadership and volunteer opportunities for hundreds of students. Henderson incorporates community service in her program. Students teach physical education at the culturally-diverse Guadalupe School, the Carmen Pingree Center for Children with Autism and a number of schools in the Salt Lake area. They also provide one-on-one instruction in the PE for the Disabled course she has taught since 1984. Henderson holds a Ph.D. in special education from Utah State University as well as a master’s degree in special physical education from the U. She joined the University’s faculty in 1983.
Distinguished Innovation and Impact Awards

V. Kim Martinez  
Associate Professor of Art and Art History

“Muralists and other public artists — like Ms. Martinez and her students — are a small but vital component of building or re-vitalizing communities,” one assessment of Kim Martinez’ impact reads. She is well-regarded for creating opportunities for art students and faculty to work in the community. For example, since 2003, she has taught Special Projects (Murals). The course is not only responsible for the installation of 21 murals throughout the Salt Lake valley — that’s 24,655 square feet, or nearly five miles of community art — but involves students in the “real-life” experiences of planning, negotiating and executing their large-scale designs on public sites. In the process, students learn practical lessons demanded for building relationships with diverse communities — important life skills in any discipline. Her work has bridged gaps between academics, art and marginalized groups that can often appear insurmountable. The impacts of the artwork itself are long-lasting: strong partnerships between the U, local business and government agencies, community pride and enhanced quality of life in a community that, according to an official in South Salt Lake, “would never have happened without the vision of Professor Martinez.” She holds a master of fine arts in painting and drawing from the School of the Art Institute of Chicago. She joined the U in 2001.

Glenn D. Prestwich  
Presidential Professor of Medicinal Chemistry

“He is both the butterfly and the hurricane,” is how one colleague calibrates Glenn Prestwich’s impact on science and patient care. As a scholar, he has authored 574 peer-reviewed publications, four books and 59 book chapters. As an innovator, he holds 65 patents and patent applications and is a 2013 Fellow of the National Academy of Inventors. Among his many awards, he has received the Utah Governor’s Medal in Science and Technology and the U’s Distinguished Creative and Scholarly Research Award. As a “serial entrepreneur,” he has co-founded eight companies, three of which sell products used in basic and translational research, cell therapy and veterinary wound healing. Beyond translating his own research into clinical treatments, he encourages other faculty (and students) to do the same through the Entrepreneurial Faculty Scholars (EFS) program that he created in 2007. The first program of its kind in the United States, the EFS creates a supportive network of faculty from all disciplines to help turn technologies into products. Perhaps most important, he has helped create and sustain the U’s unique “culture of impact,” in which faculty act as mentors for student entrepreneurs. Prestwich holds chemistry degrees from Caltech and from Stanford University, and joined the U in 1996.

Calvin S. and JeNeal N. Hatch Prize in Teaching

Theresa A. Martinez  
Associate Professor of Sociology

“I signed up for her course hoping to sit in on a great class my sophomore year — what I got instead would end up literally altering the course of my life,” notes one of many commentators on a student-created website in support of Theresa Martinez’ nomination. Martinez teaches and conducts research on issues of race, class and gender, deviant behavior, juvenile delinquency and popular culture, creating not only a resource of knowledge of the contemporary social world, but also a catalyst for change both on campus and in the larger community. Her impact has been measured from her renowned ability to greet a hundred students by name on the first day of class, to her work securing a $1 million grant to increase college access for underrepresented students to colleges and universities throughout Utah. Martinez is widely quoted in the media on issues of diversity, and Salt Lake City’s Chief of Police counts her as an ally in educating politicians and the public on issues surrounding civil and human rights. Martinez received a Ph.D. in sociology from the University of New Mexico, and joined the U in 1990.
The Rosenblatt Prize

The Rosenblatt Prize, a $40,000 cash award, is presented annually at Commencement to “recognize, encourage and honor excellence in teaching, in research and administrative efforts, collectively or individually.” The prize is earned by an endowment established by the late Utah industrialist, Joseph Rosenblatt. The endowed Prize “honors our parents, Nathan and Tillie Rosenblatt, who pioneered in the 19th century the presence of their family in Utah.” The award has been given annually since 1984. The most recent prize was awarded to Kathryn Bond Stockton, 2013, Distinguished Professor of English.

Honorary Degrees

H. Roger Boyer
H. Roger Boyer has built one of the largest and most respected commercial real estate development firms in the Intermountain West. Since The Boyer Company’s founding in 1972, the company has developed more than 30 million square feet of commercial projects — among them The Gateway, Huntsman Cancer Institute, One Utah Center and several buildings in the U’s Research Park — all on the twin principles of building quality projects and creating long-term value. His influence, however, goes well beyond building a successful business, and deep into building community. Boyer was an active and effective member of the University of Utah’s Board of Trustees where his business acumen and leadership proved invaluable, as did his advocacy in the business community. He also served in numerous civic positions, including on the boards of Pioneer Memorial Theatre, United Way of Salt Lake City, the Salt Lake Area Chamber of Commerce and the Refugee Education Initiative. He will receive the honorary degree of Doctorate of Business for his entrepreneurial spirit and progressive influence in our region.

Richard E. Kendell
Richard E. Kendell has served as the very model of an effective educator throughout his career. His experience spans Utah’s educational spectrum from high school English teacher, to faculty member and associate dean at the University of Utah, to leadership positions in the Davis School District, interim president of Southern Utah University, superintendent of the Utah State Board of Education and commissioner of the Utah System of Higher Education. As deputy of public education, higher education and economic development under Utah Governor Mike Leavitt, Kendell helped initiate six high-tech high schools, develop charter school legislation, and create programs to attract and retain a stronger corps of math and science teachers in the state. Throughout his tenure, Kendell has provided indispensable leadership and service to the University of Utah, and effective advocacy for higher education with the state legislature. He will receive the honorary degree of Doctorate of Humane Letters for his life-long dedication to quality education in our state.

Lewena “Tye” Noorda
Lewena “Tye” Noorda grew up in the tiny rural town of Freedom, Utah. From there she took her dream of being an actress — and a penchant for hard work — to Salt Lake City and New York City. She eventually returned to Utah, where she met and married Ray Noorda, the co-founder and CEO of Novell, Inc. She was a trustee of the Ray and Tye Noorda Foundation, which in 2012 donated $30 million to build the first dental school at the U, a facility that is now nearing completion. In addition to supporting many community needs — including her first love, the theatre — she believed strongly in access to affordable oral health care, particularly for those with limited financial resources. Mrs. Noorda will be recognized posthumously with the honorary degree of Doctorate of Fine Arts for her quiet generosity and passionate service to community, which will live on.

Alex Smith
Alex Smith is a University of Utah graduate, generous philanthropist and All-Pro quarterback in the National Football League for the Kansas City Chiefs. His 21–1 record as Utah’s quarterback and the team’s victories in the 2005 Fiesta Bowl and 2003 Liberty Bowl, are renowned. He was a first-team Academic All-American and the 2004 Academic All-American of the year, for his standout academic achievements as well. Perhaps not as well-known is his support enabling foster teens to attend college. Through the Alex Smith Foundation and the Alex Smith Guardian Scholars Program, 23 of the 30 teens who received scholarships since the program’s founding in 2007 have since graduated from college. He is an exceptional ambassador for the U, and his accomplishments are a source of great pride for Utah fans. He will receive the honorary degree of Doctorate of Humane Letters for his dedication and inspiration — on and off the field of play.
College Convocations

College convocations will be held on Friday, May 2, at the times and in the locations indicated below. Recipients of both undergraduate and graduate degrees should attend the convocations of the colleges in which their major departments are located. Graduation programs will be distributed at individual convocation exercises.

College of Architecture + Planning
Olpin Union Ballroom, 3:00 p.m.
David Eccles School of Business
Jon M. Huntsman Center, 4:30 p.m.
College of Education
Kingsbury Hall, 6:00 p.m.
College of Engineering
Jon M. Huntsman Center, 7:00 p.m.
College of Fine Arts
Kingsbury Hall, 1:00 p.m.

College of Health
Jon M. Huntsman Center, 11:30 a.m.
College of Humanities
Jon M. Huntsman Center, 2:00 p.m.
College of Mines & Earth Sciences
Olpin Union Ballroom, 12:00 p.m.
College of Nursing
Kingsbury Hall, 8:00 a.m.

College of Pharmacy
Olpin Union Ballroom, 9:00 a.m.
College of Science
Kingsbury Hall, 3:30 p.m.
College of Social & Behavioral Science, Undergraduate
Jon M. Huntsman Center, 9:00 a.m.
College of Social Work
Kingsbury Hall, 10:30 a.m.

The convocation for the College of Social & Behavioral Science, Graduate, was held earlier today. Commencement ceremonies for the College of Law will be held May 9, 2014 at 10:00 a.m. in Kingsbury Hall. The School of Medicine will hold Commencement ceremonies on May 24, 2014, at 10:00 a.m. in Kingsbury Hall.
Senior Class Gift

The Associated Students of the University of Utah, led by the ASUU student leaders, made its student body gift this year in support of infant childcare on campus. The $25,000 gift provides nearly a third of the cost needed to renovate a room that will be used to provide infant care. Currently there is no on-campus childcare for student parents who have infants between six weeks and 12 months. In 2011, a University of Utah Child Care Needs Assessment found that 37 percent of students require some form of childcare. During the 2012-2013 academic year, 92 percent of all student parent requests to the Childcare Coordinating Office were for infant care. The class of 2014 is proud to support enhanced child care at the University of Utah.

Order of Procession

Candidates for degrees, officials and faculty enter the Jon M. Huntsman Center from the west entrance at floor level. Candidates are seated according to the academic degree received and the college or school awarding the degree. Degree candidates are led by banner carriers and faculty representing the various colleges. The colors of tassels on the mortarboards of candidates indicate the colleges from which they receive degrees.

The president’s party includes members of the Utah State Board of Regents; the Commissioner of Higher Education; representatives of the State Board of Education; University Board of Trustees; former University of Utah presidents; the University’s administrative officers and deans; recipients of honorary degrees and of the Distinguished Teaching, Distinguished Scholarly and Creative Research, Distinguished Innovation and Impact, Distinguished Service and the Calvin S. and JeNeal Hatch Prize in Teaching awards; recipients of various other academic awards; and other special guests.

The Mace

The University of Utah initiates a new commencement ceremony tradition this year. A mace — historically a symbol of authority and peaceful leadership and now a ceremonial object used at formal academic occasions — will be carried before the president and dignitaries as they convene the proceedings. The U’s mace is carved from dark walnut, stands 48 inches tall and is embellished with copper elements that represent the University seal, the various colleges and presidents of the institution. The spiral-carved base evokes the nautilus — an organic model of change and growth — while the beehive-shaped end cap symbolizes the state of Utah.

Academic Regalia

Academic regalia evolved from the robes, hoods and caps worn by clerics, monks and priests—the first students—in the European universities of the Middle Ages. American schools, as a result of their English heritage, have generally standardized the black gown.

Various styles, ornaments and colors are used to signify levels of academic attainment and areas of academic specialty.

The bachelor’s gown is worn closed at the neck. It has long, pointed sleeves. The master’s and doctoral gowns are worn opened; both feature hoods that display the colors of the academic institution or field of study. The origin of the mortarboard has not been definitely determined, but it existed as far back as 1564. The hoods are lined with the color of the college or university from which the wearer received the degree. The color of the hood designates the degree:

| The Graduate School (Ph.D. and Ed.D.) | Yellow          |
| College of Architecture + Planning  | Blue Violet     |
| David Eccles School of Business     | Light Brown     |
| College of Education                | Light Blue      |
| College of Engineering              | Orange          |
| College of Fine Arts                | Brown           |
| School of Music                     | Pink            |
| College of Health                   | Sage Green      |
| College of Humanities               | White           |
| S. J. Quinney College of Law        | Purple          |
| School of Medicine                  | Kelly Green     |
| College of Mines & Earth Sciences   | Golden Yellow/Orange |
| College of Nursing                  | Apricot         |
| College of Pharmacy                 | Olive Green     |
| College of Science                  | Golden Yellow   |
| College of Social & Behavioral Science | White        |
| College of Social Work              | Citron          |

Various ribbons and cords are worn to designate the receipt of honors and other awards.
Graduation is only the beginning! The Alumni Association is here to help you maintain a lifelong relationship with the U. Become a member, join an alumni chapter or club, advance your career, give back and more! A special new graduate membership offer is available through June 30, 2014. Learn more at alumni.utah.edu.