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2013 Commencement Program

Richard Tapia

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2013 COMMENCEMENT

Sunday, June 16, 2013

SHARE THE EXCITEMENT OF COMMENCEMENT



Join @Portland_State and tweet your congrats, best wishes and Vine videos using the hashtag #2013PDXGrad



Upload photos to Flickr with the tag 2013PDXGrad



Tag your Instagram photos with #2013PDXGrad



Share your experience on our timeline at facebook.com/portlandstatefans



Stay in touch with PSU by following us at linkedin.com/company/portland-state-university

Go to pdx.edu after the ceremony for photos and video

2013 COMMENCEMENT

Sunday, June 16, 2013

MORNING CEREMONY - 10 A.M.

College of Liberal Arts and Sciences

AFTERNOON CEREMONY - 3:30 P.M.

College of the Arts

School of Business Administration

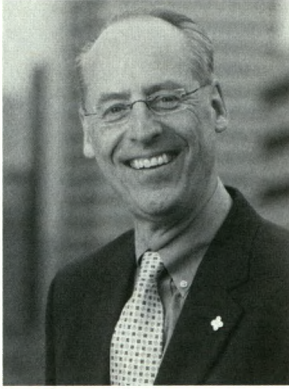
Graduate School of Education

Maseeh College of Engineering and Computer Science

School of Social Work

College of Urban and Public Affairs

Congratulations Graduates



I want to congratulate you and also thank you for contributing to the growth and advancement of Portland State during your time at our University. Because of you, PSU continues to be a leader in community engagement. Your work is vital not only to our city and region, but also nationally and globally.

Today you are a part of the largest graduating class in the history of Portland State and the entire Oregon University System. More than 6,000 bachelor's and master's degrees, doctorates, and certificates are being awarded.

Welcome to your new role as a proud member of the PSU Alumni Association. We hope you stay in touch—we look forward to hearing all about your next steps. As you pursue new challenges and develop your careers, let's work together to build a more sustainable future for all of us.

With my warmest congratulations,

A handwritten signature in black ink that reads "Wim Wiewel". The signature is written in a cursive, flowing style.

Wim Wiewel
President

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For a list of graduating students, please visit pdx.edu/commencement.

Please meet graduates outside of the Rose Garden following the ceremony.

Portland State University

Portland State University serves as a center of opportunity for nearly 30,000 students and a cornerstone for more than 132,000 alumni worldwide. The strength of the University is its world-class faculty, who serve the University and the community through teaching, research, and public service.

Research at Portland State has more than doubled in the past decade, achieving new degrees of excellence through investments such as the \$25 million James F. and Marion L. Miller Foundation challenge grant for sustainability. Portland State contributes an annual economic impact of \$1.4 billion to the regional economy.

Located in Portland, one of the nation's most livable cities, the University's innovative approach to education combines academic rigor in the classroom with field-based experiences through internships and

classroom projects with community partners.

The University's 50-acre downtown campus exhibits a commitment to sustainability with many Leadership in Energy and Environmental Design (LEED) certified buildings, while many of the over 200 bachelor's, master's, and doctoral degrees incorporate sustainability into the curriculum. PSU's motto, "Let Knowledge Serve the City," inspires the teaching and research of an accomplished faculty whose work and students span the globe.

HISTORY

Portland State University opened in 1946 as the Vanport Extension Center to meet the educational needs of veterans home from World War II. The first campus was a portion of Vanport, a wartime housing project that was

destroyed in 1948 when a dike broke along the Columbia River.

The campus was moved to north Portland in fall 1948, and in 1949 the Oregon Legislature made "Vanport College" permanent. Three years later the campus moved to its present location along downtown Portland's South Park Blocks, occupying the former Lincoln High School building. It was then known as the Day Division of the Portland State Extension Center.

The Legislature created Portland State College as a four-year, degree-granting institution in 1955. Graduate work was added in 1961, doctoral programs began in 1968, and the institution became Portland State University in 1969.

The University has grown from an initial enrollment of 1,410 students in 1946 to become Oregon's largest university.

Mission and Guiding Themes

The mission of Portland State University is to enhance the intellectual, social, cultural, and economic qualities of urban life by providing access throughout the life span to a quality liberal education for undergraduates and an appropriate array of professional and graduate programs especially relevant to metropolitan areas. The University conducts research and community service that support a high quality educational environment and reflect issues important to the region. It actively promotes the development of a network of educational institutions to serve the community.

The work of the University is guided by the following five themes:

PROVIDE CIVIC LEADERSHIP THROUGH PARTNERSHIPS

Lead as a civic partner, deepen our engagement as a critical community asset, demonstrate leadership in regional innovation, serve as an anchor institution in the metropolitan area.

IMPROVE STUDENT SUCCESS

Ensure a student experience that results in higher satisfaction, retention, and graduation rates.

ACHIEVE GLOBAL EXCELLENCE

Distinguish the institution nationally and internationally through the accomplishments of its faculty, reputation of its programs, and

preparation of its students for a diverse and global economy.

ENHANCE EDUCATIONAL OPPORTUNITY

Ease the transition and create more effective pathways for students to move from K-12 to higher education.

EXPAND RESOURCES AND IMPROVE EFFECTIVENESS

Expand resources in each of the funding streams (state, private, business partnerships, research, tuition), manage resources effectively, and match investments to strategic priorities.

Order of Ceremonies: Morning Ceremony

PROCESSIONAL

Faculty
Doctoral Graduates
Master's Graduates and Candidates
Bachelor's Graduates and Candidates
Platform Party

MUSIC

Dr. T Orchestra's Big Band

WELCOME

Sona Andrews, Ph.D.
*Provost and Vice President for
Academic Affairs*

AMERICA THE BEAUTIFUL

PSU Green Note a cappella group

MASTER OF CEREMONIES

Sona Andrews, Ph.D.

PRESIDING

Wim Wiewel, Ph.D.
President

GREETINGS

Jill Eiland, M.S.
*Representative of the Oregon
University System and State Board
of Higher Education*

Dan McDonald, M.B.A. '91
President, PSU Alumni Association

STUDENT ADDRESS

Rezhna Rasheed
Student Representative, Class of 2013

Melissa Wilk
Student Representative, Class of 2013

COMMENCEMENT ADDRESS

Richard Tapia, Ph.D.
D.Hum.L., h.c. '13

PRESENTATION AND CONFERRING OF DEGREES

Wim Wiewel, Ph.D.
Sona Andrews, Ph.D.

RECESSIONAL

The audience is requested to remain seated during the processional and recessional.

Order of Ceremonies: Afternoon Ceremony

PROCESSIONAL

Faculty
Doctoral Graduates
Master's Graduates and Candidates
Bachelor's Graduates and Candidates
Platform Party

MUSIC

Dr. T Orchestra's Big Band

WELCOME

Sona Andrews, Ph.D.
*Provost and Vice President for
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Alumni Association*

STUDENT ADDRESS

Paige Hatcher, M.D.
Student Representative, Class of 2013

Oran Stainbrook
Student Representative, Class of 2013

HONORARY DOCTORATE

Barbara Ames, B.S. '68
D.Hum.L., h.c. '13

COMMENCEMENT ADDRESS

Richard Tapia, Ph.D.
D.Hum.L., h.c. '13

PRESENTATION AND CONFERRING OF DEGREES

Wim Wiewel, Ph.D.
Sona Andrews, Ph.D.

RECESSIONAL

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Platform Party: Morning Ceremony

Wim Wiewel, Ph.D.
President

Sona Andrews, Ph.D.
Provost

Sherril Gelmon, Dr.P.H.
Presiding Marshal

Robert Daasch, Ph.D.
Chief Marshal

Richard Tapia, Ph.D.
D.Hum.L., h.c. '13
Commencement Speaker, Doctor of
Humane Letters, Honoris Causa Recipient

Françoise Aylmer, M.A.
Vice President for University
Advancement

Jackie Balzer, Ed.D.
Vice President for Enrollment
Management & Student Affairs

Susan Beatty, Ph.D.
Dean, College of Liberal Arts and Sciences

Shelly Chabon, Ph.D.
Associate Dean for Humanities & Social
Sciences, College of Liberal Arts &
Sciences

Veronica Dujon, Ph.D.
Associate Dean for Curriculum
Development & Enrollment Management,
College of Liberal Arts & Sciences

Jill Eiland, M.S.
Representative of the Oregon University
System and State Board of Higher
Education

Margaret Everett, Ph.D.
Associate Vice Provost & Dean of
Graduate Studies

Dan McDonald, M.B.A. '91
President, PSU Alumni Association

Jilma Meneses, J.D.
Chief Diversity Officer

Drake Mitchell, Ph.D.
Associate Dean for Natural Sciences,
College of Liberal Arts & Sciences

Marilyn Moody, M.S.
Dean, University Library

Rezhna Rasheed
Student Representative, Class of 2013

David Reese, J.D.
General Counsel

Kevin Reynolds, Ph.D.
Vice Provost for Budget, Planning &
Internationalization

Melissa Wilk
Student Representative, Class of 2013

Platform Party: Afternoon Ceremony

Wim Wiewel, Ph.D.
President

Sona Andrews, Ph.D.
Provost

Sherril Gelmon, Dr.P.H.
Presiding Marshal

Robert Daasch, Ph.D.
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Commencement Speaker, Doctor of
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Barbara Ames, B.S. '68
D.Hum.L., h.c. '13
Doctor of Humane Letters, Honoris Causa
Recipient

Françoise Aylmer, M.A.
Vice President for University
Advancement

Jackie Balzer, Ed.D.
Vice President for Enrollment
Management & Student Affairs

Scott Dawson, Ph.D.
Dean, School of Business Administration

Jill Eiland, M.S.
Representative of the Oregon University
System and State Board of Higher
Education

Margaret Everett, Ph.D.
Associate Vice Provost & Dean of
Graduate Studies

Paige Hatcher, M.D.
Student Representative, Class of 2013

Randy Hitz, Ph.D.
Dean, Graduate School of Education

Sukhwant Jhaj, M.B.A. '05, M.Arch.
Vice Provost for Academic Innovation and
Student Success

Nancy Koroloff, Ph.D., M.S.W. '72
Interim Dean, School of Social Work

Carol Mack, Ph.D.
Vice Provost for Academic Personnel and
Leadership Development

Dan McDonald, MBA '91
President, PSU Alumni Association

Jilma Meneses, J.D.
Chief Diversity Officer

David Reese, J.D.
General Counsel

Monica Rimai, J.D.
Vice President for Finance and
Administration

Barbara Sestak, Ph.D.
Dean, College of the Arts

Oran Stainbrook
Student Representative, Class of 2013

Renjeng Su, D.Sc.
Dean, Maseeh College of Engineering and
Computer Science

Lawrence Wallack, Dr.P.H.
Dean, College of Urban and Public
Affairs

Academic Costume

One of the most colorful features of the academic procession is the appearance of graduates, faculty, members of the Oregon University System, and guests of the University in full academic costume. The design of the gown, the color of the tassel on the cap, and the pattern, length, and colors of the hood all have long histories and special significance.

American universities, unlike those of England and Europe, have adopted a standard code of academic costume. According to the code, the bachelor's gown worn by Portland State University graduating seniors has straight sleeves and is worn closed. Gold, silver, and green cords are worn by honors graduates. The master's gown has long, pointed sleeves with the forearm being seen through a slit at the elbow of the sleeves. The doctor's gown is faced with velvet and has bell-shaped sleeves. Each sleeve carries three bars of velvet. The tassel on the cap indicates by color the college or school conferring the degree.

In addition to the cap and gown, candidates for advanced degrees wear

the academic hood, the traditional garment signifying high scholarly attainment. The doctoral hood carries the colors of the college or school conferring the degree on the outside and PSU's colors of green and white on the inside.

One legend, which deals with the origin of the cap and gown, reveals that a venerable teacher in ancient Greece promised wealthy parents that their sons would be "appropriately dressed" when presented at a banquet honoring the completion of their academic studies. However, when the young men entered the banquet hall dressed in simple sackcloth robes and carrying mortar boards, the mark of common workmen, a startled cry arose from the audience. "Let me explain," said the teacher as he raised his hands for silence. "Your sons are dressed in clothing of the mason, for their destiny is to build. Some will build cities, some will build lives—perhaps one of them may even build an empire. But all will be builders on the solid foundation of knowledge."

Bachelor and Master Degrees **Tassel / Hood Color**

Liberal Arts and Sciences	
Arts	White
Sciences	Gold
Business Administration	Drab
Education	Light Blue
Engineering	Orange
Fine and Performing Arts	Brown
Music	Pink
Social Work	Citron
Urban and Public Affairs	Peacock Blue
Public Health	Salmon Pink

Doctoral Degrees **Tassel / Hood Color**

Doctor of Philosophy	Dark Blue Hood
	Gold Tassel
Doctor of Education	Light Blue Hood
	Gold Tassel

Student Speakers: Morning Ceremony

Rezhna Rasheed



REZHNA RASHEED started at PSU in 2008 and is proudly finishing a bachelor's degree in micro/molecular biology and psychology with a minor in biochemistry. Being a first-generation graduate makes these milestones even more exhilarating.

Having lived in the United States for over 16 years, Ms. Rasheed has come to love and respect all the diversity that surrounds her, and feels that this experience has helped her to build a stronger sense of her own identity.

Ms. Rasheed is originally from a beautiful mountainous area in

Kurdistan, where culture, family and education are important parts of the region. She is grateful for all the support and encouragement from her family.

"I sincerely hope that my existence brings inspiration and a drive toward helping others," she said. "I aspire to continue my education for as long as I can with the goal of attending medical school and becoming a doctor. My ultimate dream is to make a difference in the world; I want to be a reflection of my dreams."

Melissa Wilk



MELISSA WILK is graduating with a Bachelor of Arts in liberal studies, a minor in elementary education, and minor in black studies. Prior to attending Portland State University, Ms. Wilk received her Associate of Arts Oregon Transfer Degree from Portland Community College. She is a member of the National Society of Collegiate Scholars, the TRiO program, and the National Residence Hall Honorary. She is also a recipient of the 2013 Student Success Scholarship.

Following graduation, Ms. Wilk will be completing a Teaching English as a Foreign Language Certificate in Costa Rica and plans to earn a Master of Arts in elementary education in June 2015. A native Oregonian with a love for travel, Ms. Wilk is eager to

begin teaching full time in bilingual classrooms both abroad and at home.

Outside of school, Ms. Wilk works as a nanny and tutor, while volunteering for Portland State's Helen Gordon Child Development Center, Disability Resource Center, and Student Success program. In her spare time she enjoys hiking, spending time with family, and composing music.

Ms. Wilk would like to give special thanks to the TRiO program and her ever expanding family for their continued support, generosity, and inspiration. She is honored to be a commencement speaker and looks forward to sharing this day with those she loves. To her many siblings, she looks forward to someday attending their graduations.

Student Speakers: Afternoon Ceremony

Paige Hatcher, M.D.



PAIGE HATCHER, M.D., is a native Kansan and a graduate of the University of Kansas Medical School. She is receiving her Master in Public Health in health management and policy at Portland State University while finishing her residencies in family medicine and preventive medicine at Oregon Health & Science University. Her research and policy interests include rural and interprofessional workforce development and health services delivery.

Dr. Hatcher has contributed to several state policies and legislation

initiatives, most notably as related to the patient-centered primary care home model of care delivery. She and her husband, Jeff, are “parents” to four fuzzy rescues and enjoy traveling, gardening, and hiking. After graduation, she will return to her home state to repay her loans while working at a rural, critical access hospital and attached ambulatory clinic. She plans to teach, practice full-scope family medicine, and apply her public health training to health reform efforts in Kansas.

Oran Stainbrook



ORAN STAINBROOK, a first-generation student from rural Nevada, is graduating with a Bachelor of Science in architecture after an undergraduate career that spanned eight years. With 269 credits, he dabbled in art, sustainability, urbanism, and astronomy.

During his time at Portland State, Mr. Stainbrook has worked as a University Studies peer mentor and as a team lead with Student Leaders for Service. This year, he co-coordinated PSU’s Village Building Convergence

projects and Alternative Spring Break program.

Over the next few months, Mr. Stainbrook will be attending the Earthship Academy with a permaculture design course to follow. He recently applied for the Peace Corps and—as a backup plan—to be a Mars One astronaut. Ultimately, he hopes to work as an educator, artist, activist, and public interest designer. And though he may never live here again, Portland will always be “home.”

Doctor of Humane Letters, Honoris Causa

Barbara Ames, '68



BARBARA AMES, '68 is a powerful advocate for education, cultural diversity, and other philanthropic causes. She recognizes the vital role education plays in creating strong communities and has demonstrated her commitment for many years—majoring in elementary education at PSU and teaching in an elementary school before raising her children. She and her husband, also a PSU alumnus, have never forgotten how their alma mater helped shape their perspectives, and develop the foundation for their professional lives.

As founders and trustees of the Ames Family Foundation, Barbara and Gary Ames, '67 have given generously to PSU. They established scholarships for Graduate School of Education students with academic merit, financial need, and multicultural experiences. They also funded the M.G. Hawkey Memorial Scholarship, in memory of Mrs. Ames's mother, to support undergraduate students in education or

other helping professions. Mrs. Ames meets with her scholarship recipients annually, inspiring them with her wisdom, commitment, and generosity. Because of Mr. Ames's degree in finance, they funded scholarships and created Management of Innovation and Technology professorships in the School of Business Administration. In addition, they contributed to PSU's Native American Student and Community Center. In 2006, PSU bestowed its Simon Benson Award on the couple for outstanding philanthropic leadership.

On Bainbridge Island, Wash., Mrs. Ames supports the Interfaith Volunteer Caregivers and Housing Resources Board. In New Mexico, she supports after-school programs through the Museum of International Folk Art and the Boys and Girls Clubs of Santa Fe. She and her husband also serve on the board of ScholarLeaders International, a nonprofit based in Illinois and devoted to global theological education.

Commencement Address

Doctor of Humane Letters, Honoris Causa

Richard Tapia, Ph.D.



RICHARD TAPIA, PH.D., 2010 awardee of the National Medal of Science—the highest honor bestowed by the United States government on scientists and engineers—is a mathematician in Rice University's Computational and Applied Mathematics Department. He holds the rank of university professor, the university's highest academic title awarded to only six individuals in Rice University's history.

Among his many other honors is election to the National Academy of Engineering as the first Hispanic to receive this honor, and honorary doctorates from Carnegie Mellon University, Colorado School of Mines,

University of Nevada, and Claremont Graduate University. Professor Tapia served on the National Science Board from 1996-2002.

Two professional conferences have been named in his honor: the Richard Tapia Celebration of Diversity in Computing Conference and the Blackwell-Tapia Mathematics Conference.

Because of Professor Tapia's leadership, Rice University is recognized as a national leader in the preparation of women and underrepresented minority doctoral degree recipients in science, engineering, and mathematics.

Branford Price Millar Award for Faculty Excellence

Leslie Hammer, Ph.D.



LESLIE HAMMER, PH.D., professor of Psychology, has served Portland State University for 22 years. The nomination portfolio for the Millar Award is a testament to her distinguished contributions to the University and the community.

Professor Hammer's achievements as a scholar are marked by their breadth and their relevance to organizational policy, to the health of employees in our own community, and to the work and family life of individuals across the globe.

As the associate director of the Oregon Health Workforce Center, an active contributing member of the Psychology Department, associate editor of the *Journal of Occupational Health Psychology*, and director of the Center for Work-Family Stress, Safety, and Health, Professor Hammer's impact is tremendous. In addition, she recently received a prestigious grant from the U.S. Department of Defense to study veteran reintegration into the civilian workforce in Oregon.

Professor Hammer is a researcher and scholar dedicated to asking key questions, generating meaningful data within applied settings, and designing and implementing interventions that

can make a difference in people's work and family lives. She approaches her research with compassion for the employees she hopes to affect and practicality about the involvement from organizations that will be required if her work is to be successful.

Her disciplinary peers acknowledge the scope of her influence as a scholar and her exceptional ability to translate research outcomes into important actions. As a scholar-practitioner, she embodies Branford Price Millar's value for connecting the University to the community. In all stages and aspects of her work, she engenders respect for her accomplishments and admiration for the spirit with which she undertakes her work. Both the volume and quality of her scholarly productivity define her as an exceptional scholar and member of the PSU community.

The Millar Award is given annually to a faculty member who has demonstrated excellence in the areas of scholarship, instruction, University service, and public service, and whose performance in the area of scholarship and research is judged to be exceptional—values recognized by the late Branford P. Millar, a distinguished president of the University.

George C. Hoffmann Award for Faculty Excellence

Lois Delcambre, Ph.D.



LOIS DELCAMBRE, PH.D., professor of Computer Science, has served many educational organizations in the Pacific Northwest, after arriving at Portland State University in 2004. Professor Delcambre embodies the essence of faculty excellence through her dedication to the success of students, her contributions to research and education, and her strong sense of camaraderie and collaboration.

Professor Delcambre has made significant contributions to student outreach. With a goal to increase female student retention and using her past experiences as a guide, her efforts have been most successful. She is a dedicated professor and is well known and valued as a role model for women in the area of computer science.

As a mentor, Professor Delcambre thrives on regularly working with high school students to encourage an interest in computer science. Her dedication and advice to Ph.D. students is unsurpassed. She nurtures them through the process while instilling a sense of self-assuredness and independence, and demonstrating how scholarship can apply to real life.

Professor Delcambre's academic expertise and collegiality is well known and respected at PSU and beyond. Her instructional innovations reach far beyond the Northwest and play a key role in computer education instruction nationwide, including highly effective work with the STEM Robotics Initiative. Her high quality and range of publications, along with her success in obtaining grants is substantial. She has been awarded 13 research grants over the past 10 years.

The Hoffmann Award is given annually to a faculty member in recognition of distinguished contributions to the University in the areas of instruction, University service, and scholarship, which are done in the spirit of humanism, civility, and collegiality with particular dedication to students and loyalty to the University—values especially cherished by the late George C. Hoffmann, a distinguished dean and professor of history at Portland State University.

Kenneth W. and Elsie W. Butler Award for Library Faculty Service

Kimberly Pendell, M.S.I.S.



KIMBERLY PENDELL, M.S.I.S., assistant professor and social work and social sciences librarian, joined the Portland State University Library in 2010. In her relatively short tenure, she has demonstrated a tireless commitment to Portland State's students, faculty, and staff.

Professor Pendell provides high-quality, impactful work in her extensive and multi-faceted areas of responsibilities. She has brought creativity, professionalism and an astute sense of strategy to the navigation of an increasingly complex information world, and increased ease of access to our educational community. Her successes include management of all policies, standards, materials, donations, processing, and access related to Special Collections and University Archives, as well as providing support and instruction for the use of the collections.

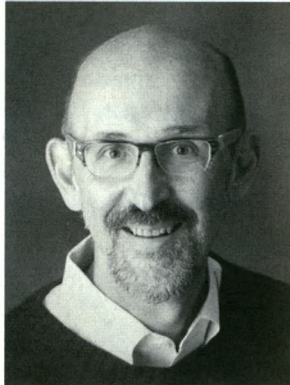
Professor Pendell's dedication and responsive demeanor are a testament to

the spirit of the Butler Library award. Her work exemplifies innovative ways to truly allow "knowledge to serve the city." She extends the vibrancy, relevance, and excitement of digital literacy through knowledge applications for a new generation of academic colleagues and students via online teaching formats. As many PSU faculty members begin to plan and engage with new online teaching formats, Professor Pendell has helped to mobilize literature, practice frameworks, and other resources to assure that the exploration of these teaching formats is effective, efficient, and ethical.

The Kenneth W. and Elsie W. Butler Award for Library Faculty Service is given annually to recognize excellence of library service to students, faculty and other patrons of the Portland State Library. The award was established through an endowment by Professor Emeritus Kenneth W. Butler and his wife Elsie W. Butler, and it continues to be supported by their daughters.

Mary H. Cumpston Award for Service to Students

Robert Mercer, M.A. '96



ROBERT MERCER, M.A. '96, assistant dean in the College of Liberal Arts and Sciences, has served Portland State University for 35 years.

His nomination portfolio for the Cumpston Award is a testament to his demonstrated excellence in service to students at Portland State. His spirit of commitment to the University, along with his ability to bridge work between academic, administrative, and student services, is indicative of the spirit of this award.

Mr. Mercer is a tireless advocate for the students of PSU. Acting as a guide for undergraduates from their initial contact with the University to their graduation, his dedication to students and the University is evident to all who know him. He is generous and thoughtful in his mentoring and support for students, and his exemplary contributions to student success have a widespread impact across campus.

Mr. Mercer is to be commended for furthering initiatives and methods that have resulted in positive changes

for the University. In the forefront is the Last Mile initiative that has made it possible for numerous students to achieve graduation. Mr. Mercer has also collaborated with faculty and staff to develop and deliver the Portland Teachers Program, PSU's transitions to University Studies, and the Degree Audit Reporting System, all of which have increased student success.

The Mary H. Cumpston Award for Service to Students is given annually to an academic professional or unranked University administrator who has demonstrated excellence in the area of service to students. Mary H. Cumpston was a beloved colleague whose enduring contributions to Portland State University and to the community have enhanced the development and delivery of student services. Her gift was the ability to identify individual and University needs and to match these needs with creative and effective solutions.

Faculty Emeriti

2012-2013

Carl Abbott, Ph.D.
College of Urban and Public Affairs
Professor Emeritus

Duncan Carter, Ph.D.
College of Liberal Arts and Sciences
Professor Emeritus

William Kenny, J.D.
School of Business Administration
Professor Emeritus

Hanoch Livneh, Ph.D.
Graduate School of Education
Professor Emeritus

Darrell Millner, Ph.D.
College of Liberal Arts and Sciences
Professor Emeritus

Carol Morgaine, Ph.D.
School of Social Work
Professor Emerita

Rita Robillard, M.F.A.
College of the Arts
Professor Emerita

Dennis Stovall, B.A.
College of Liberal Arts and Sciences
Assistant Professor Emeritus

Linda Walton, Ph.D.
College of Liberal Arts and Sciences
Professor Emerita

The emeritus rank may be awarded upon retirement in recognition of outstanding performance.

Doctoral Degrees

Morning Ceremony

COLLEGE OF LIBERAL ARTS AND SCIENCES

***Joanna Rachel Bartlo**

Ph.D. Mathematics Education
Why Ask Why: An Exploration of the Role of Proof in the Mathematics Classroom
Adviser: Sean Larsen, Ph.D.
Associate Professor of Mathematics and Statistics

***Tina Dawn Lillian Burdsall**

Ph.D. Sociology and Social Inequality
The Effects of Race, Socioeconomic Status, and Religion on Formal End-of-Life Planning
Adviser: Matthew Carlson, Ph.D.
Professor of Sociology

Gabriela Burlacu

Ph.D. Applied Psychology
Supervisor-Subordinate Directional Age Differences and Employee Reactions to Formal Performance Feedback: Examining Mediating and Moderating Mechanisms in a Chinese Sample
Adviser: Keith James, Ph.D.
Professor of Psychology

***Damon Thomas Drown**

Ph.D. Applied Psychology
Work Design Characteristics as Moderators of the Relationship between Proactive Personality and Engagement
Adviser: Donald Truxillo, Ph.D.
Professor of Psychology

Kiley Ann Hicks

Ph.D. Biology
*Causes and Consequences of Mitochondrial Variation in *Caenorhabditis* Nematodes*
Adviser: Suzanne Estes, Ph.D.
Assistant Professor of Biology

Harout Arthur Jeiranian

Ph.D. Biology
Use of Two-Dimensional Agarose-Gel Analysis to Characterize Processing of UV-Irradiated Plasmids and the Composition of the Replisome Following UV-induced Arrest
Adviser: Justin Courcelle, Ph.D.
Associate Professor of Biology

***Estrella Maria Salas Johnson**

Ph.D. Mathematics Education
Establishing Foundations for Investigating Inquiry-Oriented Teaching
Adviser: Sean Larsen, Ph.D.
Associate Professor of Mathematics and Statistics

***Amanda Lynn Kelley**

Ph.D. Biology
The Effect of Temperature on Phenotypes of the Invasive European Green Crab: Physiologic Mechanisms that Facilitate Invasion Success
Adviser: Suzanne Estes, Ph.D.
Assistant Professor of Biology

Ellynn Marie Kutschera

Ph.D. Applied Physics
Mechanisms of Methane Transport Through Trees
Adviser: Mohammad Aslam Khan Khalil, Ph.D.
Professor of Physics

Jenna Risa LeComte-Hinely

Ph.D. Applied Psychology
Examining the Mechanisms of the Work-Nonwork Boundary Fit and Health Relationship
Adviser: Leslie Hammer, Ph.D.
Professor of Psychology

Beth Ann Manhat

Ph.D. Chemistry
Understanding the Emission from Semiconductor Nanoparticles
Adviser: Andrea Goforth, Ph.D.
Assistant Professor of Chemistry

***Wilbes Mbiya**

Ph.D. Chemistry
Substituent Effects on Reactivity and Allergenicity of Benzoquinone
Adviser: Reuben Simoyi, Ph.D.
Professor of Chemistry

***William Christian Porter**

Ph.D. Applied Physics
Air-Quality and Climatic Consequences of Bioenergy Crop Cultivation
Adviser: Mohammad Aslam Khan Khalil, Ph.D.
Professor of Physics

***Julia Cleverly Ruppell**

Ph.D. Biology
Ecology of White-Cheeked Crested Gibbons in Laos
Adviser: Michael Murphy, Ph.D.
Professor of Biology

Shaimaa M. Salem

Ph.D. Chemistry
Biosynthesis of Marineosin, a Spiroaminal Undecylprodiginine Natural Product
Adviser: Kevin Reynolds, Ph.D.
Professor of Chemistry

*Candidate for Spring graduation.

Doctoral Degrees

Trevor Robert Sheffels

Ph.D. Environmental Sciences and Resources

Status of Nutria (Myocastor coypus) Populations in the Pacific Northwest and Development of Associated Control and Management Strategies, with an Emphasis on Metropolitan Habitats

Adviser: Mark Sytsma, Ph.D.
Professor of Environmental Science

Doaa Galal Teama

Ph.D. Applied Physics

A 30-Year Record of the Isotopic Composition of Atmospheric Methane

Adviser: Andrew Rice, Ph.D.
Associate Professor of Physics

Nilesh Vaidya

Ph.D. Chemistry

Spontaneous Cooperative Assembly of Replicative Catalytic RNA Systems

Adviser: Niles Lehman, Ph.D.
Professor of Chemistry

***Robin Rene Wikoff**

Ph.D. Systems Science

Materialism, Personal Food Projects, and Satisfaction: A Phenomenological Study of Urban Gardening in Portland, Oregon

Adviser: Wayne Wakeland, Ph.D.
Associate Professor of Systems Science

Monica Elizabeth Wright

Ph.D. Environmental Sciences and Resources: Chemistry

An Investigation of Urban Mobile Source Aerosol Using Optical Properties Measured by CRDT/IN: Diesel Particulate Matter and the Impact of Biodiesel

Adviser: Dean Atkinson, Ph.D.
Associate Professor of Chemistry

Afternoon Ceremony

GRADUATE SCHOOL OF SOCIAL WORK

***Marjorie Grace McGee**

Ph.D. Social Work and Social Research
Lost in the Margins? Intersections between Disability and Other Non-Dominant Statuses with Regard to Peer Victimization and Psychosocial Distress among Oregon Teens

Adviser: Laurie Powers, Ph.D.
Professor of Social Work

***Sunghwan Noh**

Ph.D. Social Work and Social Research
Teachers' Negative Comments Toward Youth in Foster Care with Disabilities: How Do They Relate to Youths' Problem Behaviors, School Attitudes, and School Performance?

Adviser: Laurie Powers, Ph.D.
Professor of Social Work

***Peggy Jo A. Sandeen**

Ph.D. Social Work and Social Research
Public Opinion and the Oregon Death with Dignity Act

Adviser: Laurie Powers, Ph.D.
Professor of Social Work

***TangJudy Vang**

Ph.D. Social Work and Social Research
The Role of Psycho-Sociocultural Factors in Suicide Risk Among Mong/Hmong Youth

Adviser: Vikki Vandiver, Ph.D.
Professor of Social Work

GRADUATE SCHOOL OF EDUCATION

***Mary Louise Cato**

Ed.D. Educational Leadership: Postsecondary Education

Nursing Student Anxiety in Simulation Settings

Adviser: Candyce Reynolds, Ed.D.
Associate Professor of Education

***Paul Edward Coakley**

Ed.D. Educational Leadership: Administration

Shaping School Culture: To Support Moving from a Targeted-Assistance to Schoolwide Title I Program

Adviser: Thomas Chenoweth, Ed.D.
Professor Emeritus of Education

***Chester Roy Edwards**

Ed.D. Educational Leadership: Administration

Designing Innovative Alternatives to Traditional High Schools: What Leaders Need to Know

Adviser: Thomas Chenoweth, Ed.D.
Professor Emeritus of Education

***Kathleen Ann Godfrey**

Ed.D. Educational Leadership: Postsecondary Education

Global Learning Outcomes of a Domestic Foreign Language Immersion Program

Adviser: Janine Allen, Ed.D.
Professor Emerita of Education

***Drew Samuel Wayne Hinds**

Ed.D. Educational Leadership: Administration

Evaluating Alternative High Schools: Program Evaluation in Action

Adviser: Thomas Chenoweth, Ed.D.
Professor Emeritus of Education

*Candidate for Spring graduation.

Doctoral Degrees

***Jolina Jade Kwong Caputo**

Ed.D. Educational Leadership:
Postsecondary Education
*Undergraduate Research and
Metropolitan Commuter University
Student Involvement: Exploring the
Narratives of Five Female Undergraduate
Students*
Adviser: Michael Smith, Ed.D.
Associate Professor of Education

***Audrey Lingley**

Ed.D. Educational Leadership:
Curriculum and Instruction
*Seeing Crucibles: Legitimizing Spiritual
Development in the Middle Grades
Through Critical Historiography*
Adviser: Karen Noordhoff, Ed.D.
Associate Professor of Education

***Akiko Ota**

Ed.D. Educational Leadership:
Postsecondary Education
*Factors Influencing Social, Cultural,
and Academic Transitions of Chinese
International ESL Students in U.S.
Higher Education*
Adviser: Michael Smith, Ed.D.
Associate Professor of Education

Keely Shawn Porter

Ed.D. Educational Leadership:
Curriculum and Instruction
*Finding the Gifted Child's Voice in the
Public Elementary School Setting: A
Phenomenological Exploration*
Adviser: Christine Chaille, Ed.D.
Professor of Education

Susan Romano Rustvold

Ed.D. Educational Leadership:
Postsecondary Education
*Oral Health Knowledge, Attitudes, and
Behaviors: Investigation of an Educational
Intervention Strategy with At-Risk
Females*
Adviser: Christine Cress, Ed.D.
Professor of Education

***Susan Robin Shugerman**

Ed.D. Educational Leadership:
Postsecondary Education
*A Case Study of After-School Activities
in one School that is Making Progress in
Closing the Achievement Gap*
Adviser: Candyce Reynolds, Ed.D.
Associate Professor of Education

***Peter N. Siamoo**

Ed.D. Educational Leadership:
Administration
*Developing the Instructional Leadership
Skills of High School Principals in
Tanzania: A Problem-Based Learning
Approach*
Adviser: Thomas Chenoweth, Ed.D.
Professor Emeritus of Education

***Kathryn Elizabeth Toppel**

Ed.D. Educational Leadership:
Curriculum and Instruction
*The Call for Cultural Responsiveness:
Teachers' Perceptions about the Interplay
Between Culturally Responsive Instruction
and Scripted Curricula*
Adviser: Samuel Henry, Ed.D.
Associate Professor of Education

***Shannon Timm Watson**

Ed.D. Educational Leadership:
Postsecondary Education
*Student Employment in Student Affairs
Units: Characteristics of Educationally
Purposeful Environments*
Adviser: Karen Haley, Ed.D.
Assistant Professor of Education

**MASEEH COLLEGE OF
ENGINEERING AND
COMPUTER SCIENCE**

***Muhammad Amer**

Ph.D. Technology Management
*Extending Technology Roadmap through
Fuzzy Cognitive Map-based Scenarios:
The Case of the Wind Energy Sector of
Pakistan*
Adviser: Tugrul Daim, Ph.D.
Associate Professor of Engineering and
Technology Management

***Leong Chan**

Ph.D. Technology Management
*Developing a Strategic Policy Choice
Framework for Technological Innovation:
Case of Chinese Pharmaceuticals*
Adviser: Tugrul Daim, Ph.D.
Associate Professor of Engineering and
Technology Management

***Haera Chung**

Ph.D. Electrical and Computer
Engineering
*Optimal Network Topologies and Resource
Mappings for Heterogeneous Networks-on-
Chip*
Adviser: Christof Teuscher, Ph.D.
Assistant Professor of Electrical and
Computer Engineering

*Candidate for Spring graduation.

Doctoral Degrees

Mahmoud A. El-Gohary

Ph.D. Electrical and Computer Engineering

Joint Angle Tracking with Inertial Sensors

Adviser: James McNames, Ph.D.

Professor of Electrical and Computer Engineering

Rafael de Jesús Fernández Moctezuma

Ph.D. Computer Science

A Data-Descriptive Feedback Framework for Data Stream Management Systems

Adviser: David Maier, Ph.D.

Maseeh Professor of Computer Science

***Kecheng Hao**

Ph.D. Computer Science

Equivalence Checking for High-Assurance Behavioral Synthesis

Adviser: Fei Xie, Ph.D.

Associate Professor of Computer Science

***Maher Mofeid Hawash**

Ph.D. Electrical and Computer Engineering

Methods for Efficient Synthesis of Large Reversible Binary and Ternary Quantum Circuits and Applications of Linear Nearest Neighbor Model

Adviser: Marek Perkowski, Ph.D.

Professor of Electrical and Computer Engineering

Samuel Henry

Ph.D. Electrical and Computer Engineering

3-D Terahertz Synthetic-Aperture Imaging and Spectroscopy

Adviser: Lisa Zurk, Ph.D.

Professor of Electrical and Computer Engineering

***Xiao Li**

Ph.D. Electrical and Computer Engineering

Nonlinearity Analysis and Predistortion of 4G Wireless Communication Systems

Adviser: Fu Li, Ph.D.

Professor of Electrical and Computer Engineering

***John Garrett Morris**

Ph.D. Computer Science

Type Classes and Instance Chains: A Relational Approach

Adviser: Mark Jones, Ph.D.

Professor of Computer Science

***Songphon Munkongsujarit**

Ph.D. Technology Management

The Impact of Social Capital on Innovation Intermediaries

Adviser: Antonie Jetter, Ph.D.

Assistant Professor of Engineering and Technology Management

***Mohammad Reza Najafi**

Ph.D. Civil and Environmental Engineering

Climate Change Impact on the Spatio-Temporal Variability of Hydro-Climate Extremes

Adviser: Hamid Moradkhani, Ph.D.

Assistant Professor of Civil and Environmental Engineering

***Kenny Phan**

Ph.D. Technology Management

Innovation Measurement: A Decision Framework to Determine Innovativeness of a Company

Adviser: Dundar Kocaoglu, Ph.D.

Professor of Engineering and Technology Management and Civil Engineering

***Pattavadee Ploykitikoon**

Ph.D. Technology Management

The Impact of Knowledge Inflows on the Performance of National Laboratories in Technological Latecomer Countries

Adviser: Charles Weber, Ph.D.

Associate Professor of Engineering and Technology Management

***Nasir Jamil Sheikh**

Ph.D. Technology Management

Assessment of Solar Photovoltaic Technologies Using Multiple Perspectives and Hierarchical Decision Modeling

Adviser: Dundar Kocaoglu, Ph.D.

Professor of Engineering and Technology Management and Civil Engineering

***Pattharaporn Suntharasaj**

Ph.D. Technology Management

Bridging the Missing Link between "Top-down" and "Bottom-up": A Strategic Policy Model for International Collaboration in Science and Technology

Adviser: Dundar Kocaoglu, Ph.D.

Professor of Engineering and Technology Management and Civil Engineering

***Thien Anh Tran**

Ph.D. Technology Management

Strategic Evaluation of University Knowledge and Technology Transfer Effectiveness

Adviser: Dundar Kocaoglu, Ph.D.

Professor of Engineering and Technology Management and Civil Engineering

*Candidate for Spring graduation.

Doctoral Degrees

COLLEGE OF URBAN AND PUBLIC AFFAIRS

Julie Lynne Boyles

Ph.D. Public Affairs and Policy
*Women's Actions and Reactions to Male
Migration: A Case Study of Women in
San Juan Guelavía, Oaxaca, Mexico*
Adviser: Mary King, Ph.D.
Professor of Economics

Huan Van Dang

Ph.D. Public Affairs and Policy
*A New Approach to Explain Policy
Reforms in Vietnam during Doi Moi by
Developing and Validating a Major Policy
Change Model for Vietnam*
Adviser: Craig Shinn, Ph.D.
Associate Professor of Public
Administration

Alan Kenneth DeLaTorre

Ph.D. Urban Studies
*Sustainable, Affordable Housing for Older
Adults: A Case Study of Factors that Affect
Development in Portland, Oregon*
Adviser: Margaret Neal, Ph.D.
Professor of Community Health

***Marianne Ryder**

Ph.D. Urban Studies
*Forming a New Art in the Pacific
Northwest: Studio Glass in the Puget
Sound Region, 1970-2003*
Adviser: Carl Abbott, Ph.D.
Professor of Urban Studies and
Planning

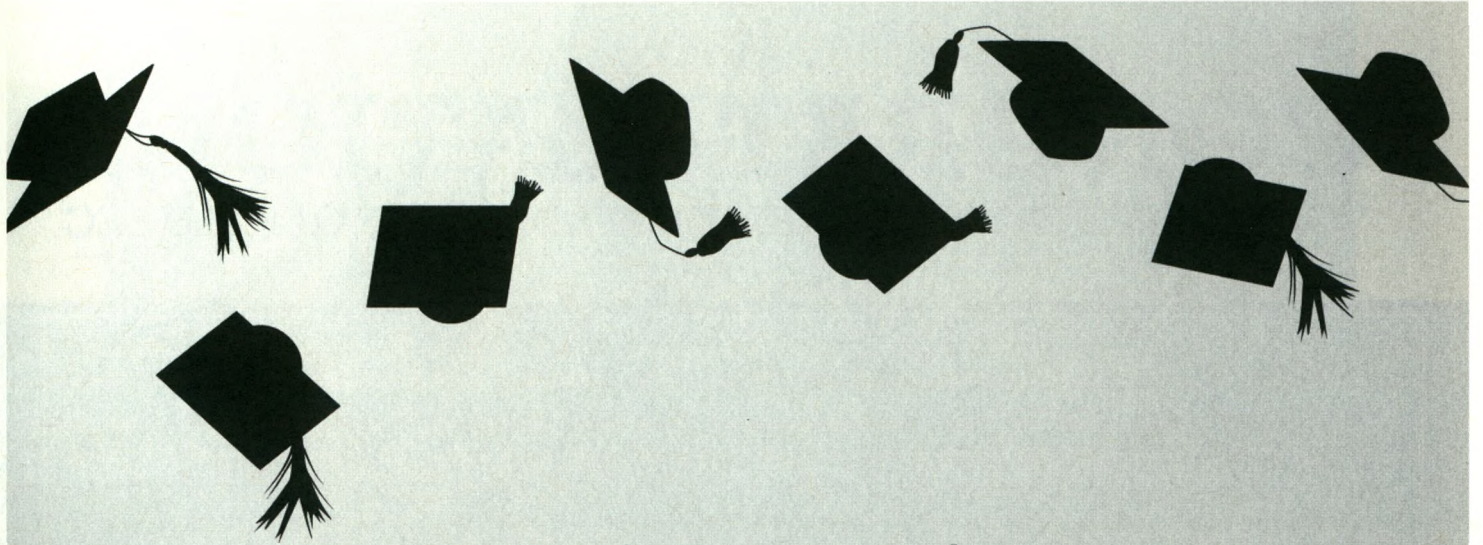
***Oliver Blair Smith**

Ph.D. Urban Studies
*Peak of the Day or the Daily Grind:
Commuting and Subjective Well-Being*
Adviser: Jennifer Dill, Ph.D.
Associate Professor of Urban Studies
and Planning

***Nicole G. Toussaint**

Ph.D. Urban Studies
*The Metropolitan Dimensions of United
States Immigration Policy: A Theoretical
and Comparative Analysis*
Adviser: Carl Abbott, Ph.D.
Professor of Urban Studies and
Planning

*Candidate for Spring graduation.



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ACKNOWLEDGMENTS

A special thank you to those who have volunteered their time to help make the 2013 Portland State University Spring Commencement an enjoyable event for the graduating class members and their guests.

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