

CIVIL & ENVIRONMENTAL ENGINEERING

GRADUATION CELEBRATION CLASSES OF 2020-2022

Saturday, June 4, 2022
Hec Edmundson Pavilion



CONGRATULATIONS, GRADUATES!

The faculty, staff, students and community of the UW Department of Civil & Environmental Engineering would like to congratulate the graduates on their accomplishments. We wish the classes of 2020, 2021 and 2022 the best in their future professional and personal endeavors.

Today we celebrate graduates in the following programs:

- Bachelor of Science in Civil Engineering
- Bachelor of Science in Environmental Engineering
- Bachelor of Science in Engineering (Interdisciplinary)
- Master of Science in Civil Engineering
- Master of Supply Chain Transportation & Logistics
- Master of Sustainable Transportation
- Doctor of Philosophy
- Doctor of Philosophy - Data Science Option

Online ceremonies

Due to COVID-19 restrictions, online ceremonies were held the past two years. View the chair's message, student speeches, faculty congratulations and photo slideshows at the links below:

- **2020 ceremony:** ce.uw.edu/graduation-2020
- **2021 ceremony:** ce.uw.edu/graduation-2021

Professional Photography

Professional photos taken today by GRAD IMAGES will be available to purchase online. Please visit gradimages.com.

ORDER OF CEREMONY

5:30pm **WELCOME AND CONGRATULATIONS**

Laura Lowes, Professor and Chair

STUDENT REFLECTIONS

Jose A Mariel, Bachelor's in Civil Engineering

Bareera Mirza, Master's in Civil Engineering

NEIL AND ANN HAWKINS AWARD

FACULTY MENTORING & TEACHING AWARDS

KEYNOTE SPEAKER

Dr. Jeff Wright (MSCE '77)

RECOGNITION OF GRADUATES

CLOSING

The University of Washington acknowledges the Coast Salish peoples of this land, the land which touches the shared waters of all tribes and bands within the Suquamish, Tulalip, and Muckleshoot nations.

KEYNOTE SPEAKER

Alumnus Dr. Jeff Wright (MSCE '77) has been a leader in engineering education during his professional career. He served as founding Dean of Engineering at the University of California, Merced from 2001-2010 and Co-Director of the Center for Computer and Information Technology Research in the Interest of Society (CITRIS), based at the University of California, Berkeley.



Prior to these positions, Dr. Wright spent 20 years at Purdue University serving in a variety of roles: Associate Dean for Research at the College of Engineering, Professor of Civil Engineering and Director of the Indiana Water Resources Research Center.

Dr. Wright holds a variety of academic degrees: a bachelor's degree in social psychology and a master's degree in civil engineering, both from the University of Washington, and a doctorate from The Johns Hopkins University in the Department of Geography and Environmental Engineering. Dr. Wright specializes in the design and implementation of decision support systems, which are computer-based systems that help users formulate strategic decisions. With a focus on public-sector engineering projects, the systems developed by Dr. Wright are beneficial for natural resources, environmental engineering, and civil infrastructure planning and management.

Dr. Wright was an inaugural member of the Action Forum on Diversity of the National Academy of Engineering and served for 10 years as founding Editor-in-Chief of the American Society of Civil Engineer's Journal of Infrastructure Systems. Dr. Wright is co-author of a leading textbook titled Civil and Environmental Systems Engineering, and author of more than 200 scholarly articles throughout his career.

He and his wife Delores now reside in Bellingham, Washington where they enjoy playing golf, hiking around the Northwest, pampering their pets and following Husky athletics as much as possible. Their son Kelly (Husky), daughter Myka (NC-Charlotte 49er) and granddaughter Jordan (Husky to be) are the lights of their lives.

2022 BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Muhammad Putra Imam Akbar
Yusur Mohanad Aldhahi
Maryam A Ali
Mohammed A Ali
Chris Nicholas Andersen
Mohammad Adel Asakreh
Bryce Michael Beason
Dellen Yoka Behrend
Ryan Kay Berry
Clayton T Black
Matthew Jeremy Bloch
Jacob D Bodnar
Nor Jannah Sambat Bongato
Nathan Cole Brandt
Samuel Brick
Kirby Le Bui
Lilly Anne Burnett
Erik Jose Carranza Herrera
Leonardo Castro
Chi Yung Chan
Shu Ki Chan
Brian Jun Choi
Andrew Hoang An Chu
Nicholas Cipriano
Demetri George Dalas
Dave Edward Alcazar Diaz
Jonathan Lange Dingfield
Thong Duy Dinh
Johansen Djajasmita
Clarissa S Dougherty
Clara Dunn
Cameron Thomas Edwards
Caleb Daniel Eriksen
Alex Escobar-Moreno
Hannah Fingel
Quinn Thomas Floyd
Aydin Garadaghli
Cameron James Geiger
Michor Ely Gentemann
Grace Lee Glaspey
Adam Gold
Monica Gomez
Jafet Adrian Guerrero-Estrada
Nathan Ha
Chase Camron Habu-Chinn
Gabrielle Dawn Hager
Iman Haji
Haley Renee Herberg
Robert Kenneth Hitch

Derek Keoni Imperial
Cade David Jackson
Yoo-Hyeon Jang
William Maxwell Kelsey
Sara Khan
Ha Jin Kim
Lillian Angela Knapp
Emily Kikumi Ko
Andrew J Kuropyatnik
Panutad Kuwijitsuwan
Mansi Lakhotia
Jamin Ming Yan Lau
Peter A Lau
Marlon Lauriano Ortega
Thomas Le
Rachel Yinghong Levy
Yanchen Li
Henry Michael Lindekugel
Amanda Marie Linder
Jair Lopez
Matthew Emmanuel Lui
Stuart Lymburn
Reuben J Madewell
Sara Janelle Mahoney
Mark Ariel Hammond Malsbary
Pauley Paul Maneevong
Jose A Mariel
Rex Jr Mallare Maristela
Nathaniel Jared Martin
Andrea Leigh Mattson
Kamille Matunan
Jon Brennon McCoy
Josef Douglas McCoy
Dylan Harrison Monzon
Ahmad Khalid Nasry
Matthew Grigorovich Nechiporuk
August Sean O'Beirne
Joshua Oamil
Whitney Ojalehto
Hilda Pacheco Garcia
Samuel Pacheco Rodriguez
Dristi Pandit
Zachary M Peros
Katherine Bell Peterson
Trong Minh Pham
William Andrew Pliska
Xinyi Qian
Akbar Fikri Ramadhan
Joshua Tyler Ren

2022 BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Hailey Anne Roche
Amber Salahdin
Alexandra Schadler
Abbey Serrone
Takahiro Soeda
Elena Aubrey Stark
David Zachary Steinberg
William Raymond Steinberg
Tharis V Sutanthavibul
Darien Sothea Tea
Callistus Tiweyang, Jr
Joshua Aparisto Torres
Walter Jon Townley

Mohammed Mustafa Turkmen
Ayden Taylor Van Den Berg
Gabriel Thomas Van
Sophie Walker
Kevin Weng
Caroline Marie Wigner
Sofia Mari Wilkinson
Myron Corbin Williams
Jack Edward Witecki
Trent Wydrowski
David Xing
Amelia Zvaleuskas

2022 BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Yahia Mohamed Ali
Chester Joe Croson
Emma Marie Cunningham
Edgar Daniel
Dania Dehne
Kaylie Marah Dennehy
Mika Susan Emoto
Hunter Noel Jimenez
Christopher J Keene
Owen Keith Nevaril
Dana Paek

Frances Jane Parsons
Eric Joshua Pena
Christina Lan Anh Pham
Erin Mcfate Pletcher
Lisa Yuka Saruwatari
Presley Sol Sweeney
Mika Vogt
Xuexin Xu
Wenwen Zheng
Yuecen Zheng

2022 MASTER OF SCIENCE IN CIVIL ENGINEERING

Abdisalam Abdullahi
Daniel Acosta
Scott Adams
Jenifer Ann Albright
Norhan F Almaarroof
Warkaa Almustafa
Lauren B Burch
Kayla Kathleen Campbell
Vernon Kevin Chan
Wei-Lin Chen
Yanyan Chen
Aminda Cheney-Irgens
Marjorie Mahina Cheng-Leever
Harrison Cross
Mouhamadou Diakhate
Craig Yoshio Dittmann
Griffin Donnelly
Brian Doty
Molly Ford
Sam Furmanski
Andi Gega
Roberto Natanael Gomez
Jonathan Gong-Guy
Miguel Gonzalez Montijo
Carolina Gonzalez-Arias
Andrew Gregovich
Iman Haji
Olivia Celeste Angele Hargrave
Elizabeth I Hert
Joaquin Iglesias Gonzalez
Judith Khamwa Jirongo
Jocelyn Johnson
Nicolina Johnson
Connor Charles Christo Jost
Ola Formo Kihle
Marek Michel Kossik
William Joseph Krause
Carlos Alberto Leal Chavez
Johannah E Lewis
Enita Liang
Spencer Lindsley
Kan-Jen Liu
Lingjiu Lu
Sara Josephine Lucero

Patrick Bridger Machus
Dakota Martine Mascarenas
Elijah Dylan McMeen
Bareera Nadeem Mirza
Kenneth H Morrow
Victoria Estelle Mount
Curtis Nelson
Rachel K Ngai
William Nocka
Matthew Christopher O'Connell
Alexander Dovinh Ong
Chulhee Park
Kathleen Peshek
Tess Pietro
Donald Alexander Roberts
Devin Robichaux
Mara Robichaux
Allison Rowe
Anne Ruckman
Adi Salinas Ferreira
Blayne Sandau
Samuel Michael Scherer
Raaghul Scherer Senthilkumar
Samantha Nicole Shobert
Isha K Singh
Patrick Smiley
Nathan Spicuzza
Elijah Sponseller
Hannah Stevenson
Christopher Douglas Stilwill
Nathalie Thelemaque
Carina Thompson
Margarita Titova
Khai Tran
Ebuka Umeibe
Thomas Valdriz
Christian R Vanderhoeven
Elizabeth Ashley Von Ruden
Samuel Francis Walters
Ce Wang
Michael William Wood
Jane Elisa Zantson
Yubo Zhang
Rong Zhao

2022 MASTER OF SUPPLY CHAIN TRANSPORTATION & LOGISTICS

Elizabeth Barbosa
Nicholas Brunner
Daniel Callahan
Wilson Caney
Valerie Cawby
Hector L. Del Sol
James Fernandez
Jessica A. Filtz
Tyler Fisher
Deanna Glenn
Tonia Ha
Scarlett Hallahan
Spencer E. Henderson
Jeffrey Herman
Daniel Hoeper

Christopher Klumb
Levi Laney
Zhe Liu
Jacquelyn Q. Nguyen
Nadine Obeid
Ziqian Qiu
Jasdeep Sandhu
Haoua Sereme
Joyce Tapia
Henry Thomas
Trevor Tracy
Brenda Trujillo Gonzalez
Sierra R. Turpen
Ryan S. Velau
Roger Zatarain

2022 MASTER OF SUSTAINABLE TRANSPORTATION

Kelsey Bechtholdt
Jessica Ann Brown
Kyle Fowler
Alyssa Frank
Jewell Hamilton
Shawna Kitzman
Kristy Martini
Ryan McKell

Jason Miller
Anthony Ottati
Deborah Reardon
John Stimmeris
Eliot Tipton
Tighe Urelus
Peyton W. Whalen

2022 DOCTOR OF PHILOSOPHY

Yasmine Farhat

Altered rice nutritional quality resulting from environmental change: temperature, phenology, and seasonal flooding
Committee Chair: Rebecca Neumann

Chi-Pu Lin

Base-modified post-tensioned rocking walls for tailored seismic response and damage reduction
Committee Chair: Jeffrey Berman

Stephany Pin-Wha Wei

Applications of aerobic granular sludge and source-separated urine for enhanced nutrient removal and recovery
Committee Chair: Mari Winkler

Haoqi Zhao

Identification and fate of bioactive transformation products of pharmaceuticals and industrial antioxidants
Committee Chair: Edward Kolodziej

Yifan Zhuang

Customized and robust computer vision methods for challenging traffic sensing applications
Committee Chair: Yinhai Wang

2022 DOCTOR OF PHILOSOPHY - DATA SCIENCE OPTION

Parasto Jabbari

Users' behavior toward automated vehicles and mobility services using novel revealed and stated preference data
Committee Chair: Don MacKenzie

Jose Luis Machado Leon

Ridehail and commercial vehicles access issues and implications for public infrastructure management
Committee Chair: Anne Goodchild

2021 BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Younis Al Riyami
Tom Andrews
Andro Dizon Aserios
Nicolas D Avena
Ryan Bader
Ajinkya Bagul
Paula A Barona
Jacob Barrett
David R Beatima
Alexander Tyr Bernard
Daniel Bernik
Isabella F Cabullos
Jeffrey Carlson
Rommel Castro
Simon H Chann
Colin C Chase
Yi-Haur Chen
Zhengyi Chen
Vincent L Clifton
Carmen Clinch
Kathleen S Clingman
Cassidy R Collinge
Inder Deol
Ryan Deschenes
Eric J Dorst
Huy Duong
Isabelle Eelnurme
Andrew Eichenberger
Jonathan Erazo
Francisco Felix
Charles Fenske
Julia Flaherty
Katia Flores
Michael E Friend
Lester L Gannaw
Aydin Garadaghli
John Paul Gaston
Andi Gega
Luyang Gong
Gerald Gostynski
Gabriella M Greco
Jared Greisz
Bailey Griffin
Neil Gromlich
Corwin Guntermann
Daniel C Hagen
Yahye Hassan

Zachary Hedges
Eduardo Hernandez
Sofia Herrera
Ahnna Heuple
Charlie Holmes
Andrew J Huang
Skyler Huson
Emma R Hutchinson
Yekaterina Ionova
Enrique Islas
Andrew C Jacob
Thomas P Janicki
Emily Jennings
Hunter T Jin
Connor Jost
Kendrick
Daly Keo
Danial M Khan
Jake J Kim
Joochan Kim
Hank Knight
Sophia S Ko
Travis Koblasa Scoccolo
Sui Fung Kong
Alex I Koshman
William J Krause
Dennis Kuzubov
Isaac Larson
Ken N Le
Alex M Lee
Kyeora Lee
Randy C Lee
Seung Hwan Lee
Devin LePere
Zhuoshi Li
Ruiqing Liu
Bill Locke
Whitney Loneman
Winston Lowe
Josh Tyler Lusterio
Charlie MacPherson
Thang Mai
Sten A Mathis
Gary McClure
Bryson McEwen
Emelina McMeen
Gavin McPhail

Calista Moore
Kenneth Morrow
Connor Nathan
Manuel Navarro
Andrew A Nguyen
Loann Nguyen
Olivia Nguyen
Tran B Nguyen
Yo Nishimura
Jesse Nubbe
Stella Oh
Andrew Ojala
Christopher J Olson
Derek Olson
Alexander D Ong
Shane Pattie
Nadezhda A Pilipchuk
Rey B Ponce Sanchez
Owen M Porkka
Kyla Pritzl
Brandon Quan
Mary Rabaa
Clare Rady
Joel Ramos Figueroa
Emily Reid
Maxwell J Robinette

Joseph A Samuel
Gian Savvides
Brandon P Scheer
Patrick Schneider
Grace Schroeder
Jason Sea
Jack T Seeliger
Arthur M Semionov
Zachary D Shugart
Corey I Shultz
Adi Stein
Eric Stoita
Robert K Teng
Brandon Tjandra
Anthony Tobias
Tyson Touma
Daniel Truong
Luc Violette
Kevin N Vu
Hanqing Wang
Beck Werny
Michael Wood
Austin Xiong
Yan Xu
Anabelle E Yang
Nazar Zaynchkovskyy

2021 BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Lyddie Austin
Adam T Bryant
Caitlin Callegari
Mary Gregorich
Aditya Iyer
Jacob Robert Lamb
Bryce Latham
Yilin Li
Kaylee Martin

Marissa Rose Miyahara
Cory J Owsen
Camryn Steiner
Mengde Tao
Kim Tran
Alyssa Vacheron
Jiacheng Wang
Caroline E Witek
Julia Zmuda

2021 MASTER OF SCIENCE IN CIVIL ENGINEERING

Zackary J Aemmer
Jenifer Ann Albright
Ohay Angah
Borna Arabkhedri
Andrew Barrett
Bujin Bekbulat
Lars Berglund
Michael Berlinger
Daniel Blackburn
Indira Bose
Joe Bundick
Andrew Burman
Mackenzie R Cahoon
Kenneth Chandonait
Michelle Chang
Valerie Chang
Jacob Chekal
Chun-Hao Chen
Hubert Chen
Kimberly Chun
Kori Chun
Mashayla Combs
Allan E Cortina
Andrew Cotherman
Michael Croly
Parth V Dagli
Danielle A De Castro
Sam S Demers
Louise Jade Dulatre
Mia El-Khazen
Mike M Espinoza
Isaac Etchamendy
Derek M Fink
Benjamin Gaughan
Joaquin I Gonzalez
Kristinn H Gretarsson
Tanakij Hanmongkolpipat
Jane Harrell
Katherine Harris
Elizabeth Hert
Chang He
Jingyun Hu
Kairui Huang
Elizabeth A Ihrig
Alexander J Ilias
Jeremiah Johnson

Michael Jones
Matthew Josiah
Kiran Kaur
Kirk Keppler
Luca Kim
Zachary Kortum
Karl H Larsen
Homing Leung
Shilin Li
Xiao Wei Li
Yinghan Li
Zhuoran Li
Kairui Liu
Lu Liu
Sitao Liu
Zhijun Liu
Nicole Loo
Hans Lu
Yuhang Lu
Zheng Luo
Yasmeen Mansour
Daniel McCabe
Hadi Mir Sadeghi
Leily Mojarab
Andrew P Morrow
Samantha T Muchongwe
Ian Nisbet
Tara K Okahara
Chintan Pathak
Sai Sarath Pavuluri
Teresa Picarella
Kiera Potratz
Mark Puetz
Sebastian Quintana
Carolina A Recart Zapata
Nicole Redden
Matthew Richards
Gabriel Rifkin
Michael Sea
Colton Shaff
Kenneth Sullivan
An Sung
Lindsay Swanson
Tatsuhiko J Sweet
Joseph R Trump
Carson B Valente

Danielle Voytko
Erin Wagner
Yuan Wang
Kelly Weiler
Ryan M Westerdahl
Amanda Worthy

Wentao Wu
Xiang Yan
Hongyi Yu
Lu Yu
Annie Zaccarin

2021 MASTER OF SUPPLY CHAIN TRANSPORTATION & LOGISTICS

Hayden Alhadeff
Aji Bah
Binod Bhattarai
Joe Bishop
Michelle Burdette
Clinton Carbonell
Duck Chang
Luke Duvall
Katherine Goetz
Poyee Hon
Justin Kirschinger
Stacy Lara
Brian Lehman-Lyng

Alison Lorenz
Neema Malya
Fadhel Mishan
Lisa Nguyen
Thanh Nguyen
Jon Oh
Mitchell Philips
Cesar H Prieto
Benjamin Rowland
Stephen Rowley
Ha N Sai
William Schlosser
Jiajun Yu

2021 MASTER OF SUSTAINABLE TRANSPORTATION

John P Barnes
Jason M Beffa
Patrick Castonguay
Lindsey Costello
Laura Goodfellow

Kaite Justice
Kenyon T Neal
Grayson Reim
Jillian Trinkaus
Coby Zeifman

2021 DOCTOR OF PHILOSOPHY

Shahryar Khaliq Ahmad

Towards forecast-informed sustainable hydropower operations
Committee Chair: Faisal Hossain

John E Ash

Understanding freeway crashes through data-driven solutions
Committee Chair: Yin Hai Wang

Matthew Bechle

Using remote sensing to understand urban air quality exposures and inequities
Committee Chair: Julian Marshall

Nishan Kumar Biswas

Mainstreaming multi-mission satellite observations in operational water resources management
Committee Chair: Faisal Hossain

Lysandra Amanta Medal Bitticaca

Exploring decision-making factors for energy efficiency retrofit in building portfolio
Committee Chair: Amy Kim

Long Chen

Implementation, verification, validation and application of two constitutive models for earthquake engineering applications
Committee Chair: Pedro Arduino

Zhiyong Cui

Deep learning methods for short-term network-wide road traffic forecasting
Committee Chair: Yin Hai Wang

Hisham Abdelkareem Eldardiry

Adaptive reservoir operation in the transboundary Nile River Basin
Committee Chair: Faisal Hossain

Abbas Ganji

Human-centered simulation modeling to facilitate critical infrastructure resilience planning
Committee Chair: Carrie Dossick

Zhuochen Han

The role of sand in wave-supported gravity flows over primarily muddy seabeds
Committee Chair: Alexander Horner-Devine

Ruimin Ke

Real-time video analytics empowered by machine learning and edge computing for smart transportation applications
Committee Chair: Yin Hai Wang

Haena Kim

Modeling of urban freight deliveries; operational performance at the Final 50 Feet
Committee Chair: Linda Boyle

Andrew J Makdisi

Liquefaction-targeted ground motion parameters
Committee Chair: Steven Kramer

Justin Pflug

Improving Sierra Nevada snow deposition magnitude and heterogeneity using historic snow patterns
Committee Chair: Jessica Lundquist

Xiasen Wang

Optimal deployment of public charging infrastructures in transportation and power network
Committee Chair: Donald MacKenzie

2021 DOCTOR OF PHILOSOPHY - DATA SCIENCE OPTION

Andrew Bennett

Applications of information theory and machine learning for hydrologic modeling
Committee Chair: Bart Nijssen

Chintan Pathak

Electric vehicle infrastructure decision support system
Committee Chair: Donald MacKenzie

2020 BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Norhan F. Almaarof
Mina H. Alwattar
William Randall Anderson
Liam E. Ayers
Jenna Young Batchelder
Lexi Beauchamp
Thalia S. Bell
Taylor A. Bellefeuille
Irene A. Bembenek
Matthew Raymond Bergman
Matthew Berman
Alexander Tyr Bernard
Nicholas Allen Bjergo
Mario Boehm
Veronique Genevieve Bourgault
Matthew L. Brooks
Bryson Raymond Bruno
Kayla Kathleen Campbell
Jonatan Yair Castillo Oropeza
Agustin Castro
Zachary A. Chambers
Vernon Kevin Chan
Suk Chan Cho
Lisa Rei Courtney
Travis Cox
Jacob A. Denning
Shannon Elizabeth Dickenson
Caleb R. Duhnke
Megan Yen Duong
Alina T. Dyablova
Undral Erkhembat
Pedram Etiehadolhagh
Derek M. Fink
James Louis Gallagher
Kai F. Gallagher
Mark Kevin Garcia
Thomas J. Giglio
Elizabeth A. Goltiao
Gerardo E. Gomez
Roberto Natanael Gomez
Tristan T. Haider
Elizabeth I. Hert
Keegan Elson Holst
Ross Hunnicutt
Alexander James Ilias
Andrew C. Jacob
Kellie Ann Jaenicke

Connor Charles Christopher Jost
Joseph Oly Kaldestad
Kiranjot Kaur
Glen Jeremy Gochian Kho
Do Hyun Kim
Youngchae Kim
Robert John Kinnaird
Tristan B. Lagron
Tushar Lakhnopal
Ken Ji Lam
Wing Fung Lam
Allison Howe Larsen
Trevor Mitchell Larsen
Randy C. Lee
Devin Christopher Li
Marcella Lorraine Li
Rebecca J. Lillquist
Chun Yuan Lin
Lucas Brett Lindberg
Evan S. Little
Lorena Lopez
Richard Shing Louie
David James Lundberg
Michael MacDowell
Benjamin Michael Mahony
Dylan Miles Majewski
Charleen Nora Mar
Connor H. Marin
Valorie Hope Meischke
Arnulfo Mercado
Marla Meza
Sarah Anne Miller
Matthew W. Minton
Ulyses Morales
Christopher J. Moyer
Amanda Kareen Moyer
Dominik Matthew Muellerleile
Taryn Mulvihill
Zachary James Murphy
Shawna J. Myatt
Cooper Thomas Nelson
Zoe A. Nelson
Rachel K. Ngai
Jacqueline Anh Tram Nguyen
Loann Nguyen
Vu Phan Nguyen
Treven Gilbert Nielsen

Nicholas Niimi
Matthew Christopher O'Connell
Christopher James Olson
Katrina Suzanne Olson
Spencer Michael Olson
Christopher Dong Ming Ouyang
Chulhee Park
Nicole Kathryn Peden
Tracy J. Pennell
Kate Poon
Kevin John Pulley
Liam A. Quigley
William N. Recla
Alex S. Rickert
Jeremy D. Schoenfeld
Michael Sea
Ajla Selimic
Joseph Isaac Shimamoto
Araj Nath Shrestha
Zachary D. Shugart
Ethan Matthew Simcock
Haley S. Sisson
Peyton A. Speckmann
Sophie M. Stern
Matthew Park Straughn

Jakob Michael Tayman
Robert K. Teng
Benjamin Terry
Reed Tyner Thomas
Hans Luther Thoreson
Angela R. Tibbetts
Thu Tieu
Caleb Richard Trapp
Carson Blaise Valente
Emma Rose Van Orden
Gavin Dag Vanclifford
Jacob Wachtendonk
Chandler Aspen Waldal
William Wan
Luke Emerson Wattenberg
Hanna Wells
Samuel Will
Cameron Lee Wressell
Jin Wu
Alexandre Yang
Andrew C. Zacek
Artemis Zafari
David Semenovich Zaks
Brian David Zhu

2020 BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Hojeong Bang
Olivia Alemany Chu
Anne Noe Dubner
Chareen Hsai
Colin Michael Kolbus
Azami Kurita
Shilin Li
Andrew James Lindgren
Rose Elisabeth McLoone
Garrett M. McNeill
Kira Eleisa Melander
Chad Kenji Kaipo Moniz
Victoria Estelle Mount

Sophie Siobhan O'Neill
Jessica Anne Oien
Mason Howard Ou
Mitchell James Robertson
Samuel Michael Scherer
Zachary Skelton
Raymond Homan Tam
Nicholas Tan
Benjamin George Therrien
William Hoyt Thomas
Diep N. Ton
Sean J. Wu

2020 BACHELOR OF SCIENCE IN ENGINEERING (INTERDISCIPLINARY)

Tushar Khurana

2020 MASTER OF SCIENCE IN CIVIL ENGINEERING

Stephan Ahn
Andrew Anderson
Cullen Anderson
Stephanie Anderson
Tessa Anton
Reyn A. Aoki
Maxwell Armenta
Christine M. Baker
Kristinn Mar Bjarnason
Michael L. Blanchard
Alexander Bogue
Justin K. Bonus
Michael Bozek
August Braun
Rodney Briones
Robert J. Burdalski II
Shuxuan Cai
Baxter Call
John Andrews Carter
Nicole Carter
Junrun Chen
Qi Chen
Chun Ho Cheung
Kelsie Crawford-Clippinger
Claire E. Cyra
Cathy Dai
Alexander Davis
Gloria E. De Zamacona Cervantes
Alexa Deep
Aaron M. Emoto
Michael Feeney
Margot M. Ferencz
Alejandro L. Fernandez
David Friedlander
Gus Friedman
Jingya Gao
Alexandra Garland
Christopher Hebert
Erin Kelly Horn
Logan Howard
Xiaowen Huang
Donald Huls
Thomas Hutchison
Tina Johnsen
Adel Yahya Omran Karama
Timothy Keal

Farshid Khorasanian
Ross King
Cameron Klatt
Kaylee Kostka
Siu Fung Lee
Shirley Wing Leung
Nicolette Lewis
Tianyi Li
Chenxi Liu
Louis Michael Lopez
Purvesh Kantibhai Luhar
Cassie Wells Lumbrazo
Surbhi Malik
Colin Cullen Martin
Sofie H. Mathiasen
James McVey
Ian A. McWhirter
Christopher C. Meder
Lingran Meng
Annette M. Misiurak
Adam Mokhalalati
Niamh Murphy
Filipp A. Murza
Alexandra C. Navarre
James Nowak
Henry Nuckles
Enrique Ochoa
Lauren K. Phillips
Nikolas L. Polzin
Christopher Pyke
Xian Qin
Scott L. Raymond
Nicholas Rayson
Dylan S. Reynolds
Samuel S. Ricord
Nikki M. Rise
Victor Rizzardi
Stanley Roland
Michael Rovinsky
Rami Sabra
Alexander Safarik
Mahsa Sheykhsoltan
Faizan Sidiqui
Jacopo Spano
Hailey Briann Stenslie
Azar Takeshi

Tommy J. Tang
Audrey Tay
Brandon M. Taylor
Joshua Taylor
Travis Treece
Tory Ann Tsuha
Christopher Turner
Samuel E. Turner
Hao Wang
Lin Wang
Caitlyn Sidonia Ward
Jason Hunter Wells
Ryan W. White
Kayla Wielgus
Tyler Anthony Wilcox
Phoebe L. Williams

Clare Wolfe
Hao Yang
Hongyi Yang
Yanjia Yang
Alec S. Yeutter
Austin York
Darrin Yoxtheimer
Chuyi Yu
Hal Yuan
Sergio Yugar
SuKyong Yun
Xiang Zhang
Shujun Zhou
He Zhu
Eric Zimdars

2020 MASTER OF SUPPLY CHAIN TRANSPORTATION & LOGISTICS

Troy Akerlund
Mustafa S. Al-Harab
Ross Benson
Taylor L. Chapman
Char Fay Stephanie Chong
Alan Davis
Megan W. Dickson
Rachelle R. Dupree
Desirae Fu
Benjamin Fujii
Lauren J. Gore
Monica Hakun
Blake Johnston
Conner P. Jolly

Jin Kim
Jason S. Lee
Blake Lerner
Godfrey P. Leung
Adam Lucker
Julia Manning
Salvador Mendoza
Yen Ha Nguyen
Jessica Reed
Lonny Dee Rowden
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Effects of using virtual reality on AEC team collaboration
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Application-oriented approaches to modeling and satellite-based monitoring of watershed sediment dynamics
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Matthew G. Bonnema

Understanding the impacts of reservoirs in developing regions using satellite remote sensing
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Ruth Anne Branch

Remote sensing of water surface variability near river mouths
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Oriana S. Chegwidden

Using hydrologic model ensembles to better understand the impact of climate change on the hydrology of large river basins
Committee Chair: Bart Nijssen

Long Chen

Implementation, verification, validation, and application of two constitutive models for earthquake engineering applications
Committee Chair: Pedro Arduino

Yifan Cheng

Better understanding human impacts on river thermal regimes under climate change
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Kathryn Cogert

Pairing anaerobic ammonium oxidation with newly discovered nitrite-supplying metabolisms for enhanced mainstream nitrogen removal
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William R. Currier

Quantifying and modeling sub-grid scale variability of snow in forested areas in multiple climates throughout the Western United States
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Diana R. Gergel

Modeling the changing roles of snow and permafrost in mid- and high-latitude climate systems
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Degradation and deactivation of bacterial antibiotic resistance genes during exposure to (waste)water treatment and health-care disinfectants
Committee Chair: Michael Dodd

Sam Kastner

River plume transport and mixing in the surf zone
Committee Chairs: James Thomson and Alex Horner-Devine

Margaret McKeon

Hydrodynamics and sediment transport in the Duwamish River Estuary
Committee Chair: Alexander Horner-Devine

William D. Pollock

A framework for regional scale quantitative landslide risk analysis
Committee Chair: Joseph Wartman

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Developing wireless sensing methods and technologies for enhanced transit rider and non-motorized traffic data
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Maureen K. Rowell

The use of automatic identification system data to determine appropriate stand-on vessel maneuvers
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Nazib Siddique

Adaptive sampling methods for vehicle trajectory data
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Maninder Pal Singh Thind

Quantifying air quality, human health, and climate impacts from energy systems: electricity and transportation
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Tianye Yang

High performance friction-type bearings for seismic isolation
Committee Chair: Paolo Calvi

Tessora R. Young

Modification to dissolved organic matter and disinfection byproduct formation during solar chlorine photolysis and related oxidative treatment, as applied to drinking water treatment
Committee Chair: Michael Dodd

Xi Zhu

Learning individual preferences with collaborative learning framework
Committee Chair: Cynthia Chen

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