



Spring 2017

<https://cee.umd.edu/about/board-visitors>

17 members
8 vacancies



A. JAMES CLARK
SCHOOL OF ENGINEERING

Members:

Ken Bell, Bechtel/Retired
Paul Burkart, GeoConcepts
Martina Driscoll, Wiss Janey Elstner
Stephen Houff, Forrester Construction
Scott Greenhaus, Structural
Jim Kinkead, Clark Construction (Chair)
Marco Legaluppi, Whitney Bailey Cox & Magnani
Mike Lenkin, Miller & Long
Dave Little, Gutschick Little & Weber
Tony Mawry, Wallace Montgomery
Christine Merdon, Architect of Capitol
Dave Meyers, Whiting-Turner
David Mongan, WBCM/Retired
Chuck Phillips, KCI
Fahim Sadek, NIST
Gregory Slater, MD State Highway Admin
Eric Tievy, Consigli Construction

Current Members

Kenneth Bell



Dr. Kenneth Bell, Manager of Geotechnical & Hydraulic Engineering Service for Bechtel Corporation, has over 34 years of geotechnical engineering experience on a variety of power, transportation, petrochemical, and industrial projects, including roles as the lead field geotechnical engineer during construction of the projects. He has completed three overseas assignments as lead geotechnical engineer, including an assignment in Hong Kong on a rail project, in New Caledonia on a mining project, and in Trinidad on a LNG project. He has written numerous project-specific geotechnical reports and has authored and co-authored 20 technical papers published in professional journals and in national and international conference proceedings. Dr. Bell was elected a Bechtel Fellow in 2011. He also holds the title of ASCE Fellow, ASTM Fellow, and Diplomate Geotechnical Engineer from The Academy of Geo-Professionals. He received B.S. (1974), M.S. (1976), and Ph.D. (1983) degrees in civil engineering from the University of Maryland and has been a registered engineer in the State of Maryland since 1983.

Please send updates

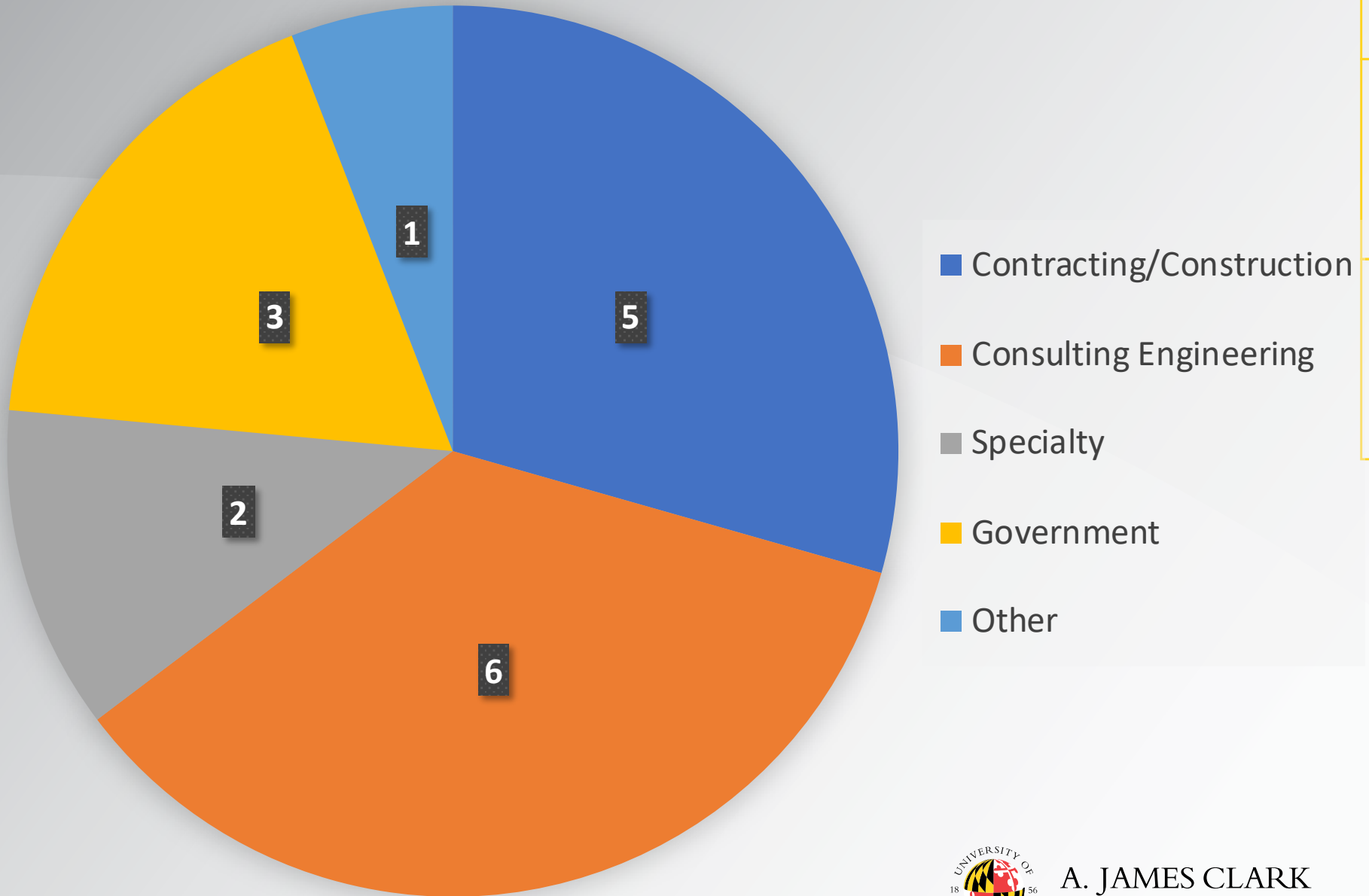
Paul Burkart



Paul Burkart, Founding Owner and Principal at GeoConcepts Engineering, received his B.S. in civil engineering in 1985 and his M.S. in geotechnical engineering in 1991 from the University of Maryland. Burkart has collaborated on 1,500 projects in the Mid-Atlantic region, including providing geotechnical design for notable projects such as



Board Composition



Faculty Directory

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

Areas of Expertise



Search by faculty name or keywords



Number Per Page:

24



All

Faculty

Affiliates

Adjuncts

Research

Emeritus



Lovell, David

Professor
Keystone Professor

Civil and Environmental Engineering
The Institute for Systems Research

1184 Glenn L. Martin Hall
lovell@umd.edu
301-405-7995



McCuen, Richard H.

Professor
Ben Dyer Chair in Civil Engineering

Civil and Environmental Engineering

1170 Glenn. L. Martin Hall
rhmcuen@umd.edu
301-405-1949

<https://cee.umd.edu/directories>

Quick Statistics

(Fall 2018)

Enrollments:

Undergraduate			Graduate (MS+PhD/MEng); FT+PT		
Fall 16	Fall 17	Fall 18	Fall 16	Fall 17	Fall 18
411	397	393	175/119	177/124	171/126
BS		MS/MEng		PhD	
2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
127	130	33/42	25/58	19	19

Degrees:

reports.umd.edu

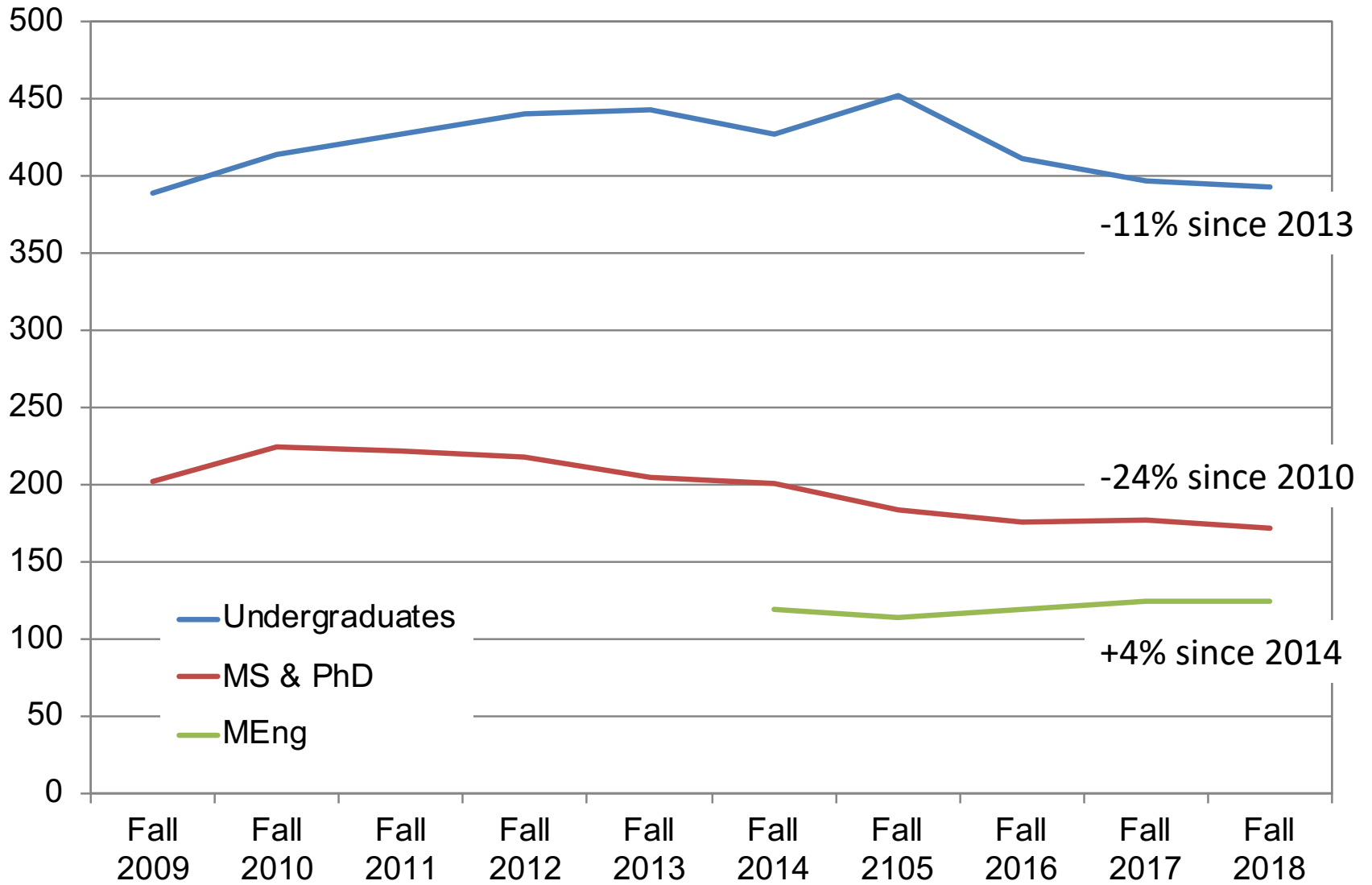
Faculty:

- Tenure/Tenure Track: 28
 - New Assistant Professor: Guangbin Li (ENV)
 - Recruiting for Clark Endowed Chair (TR)
 - Will begin recruiting for junior TTK faculty in data analytics
- Full-time Lecturers: 2
- Part-time Lecturers: Averages ~12 per semester



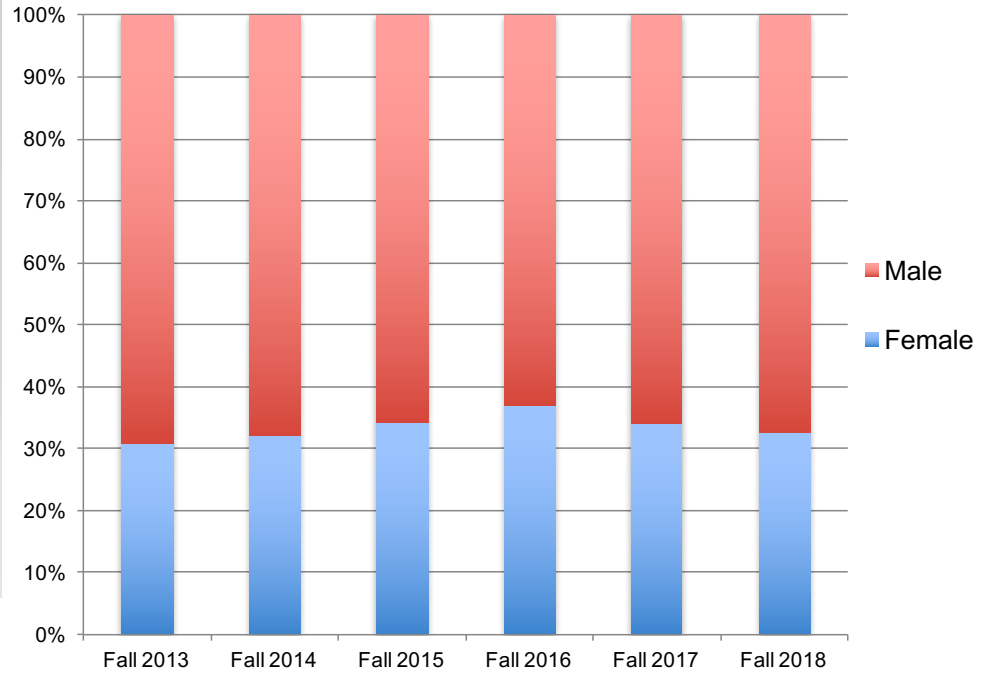
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Enrollment Trends

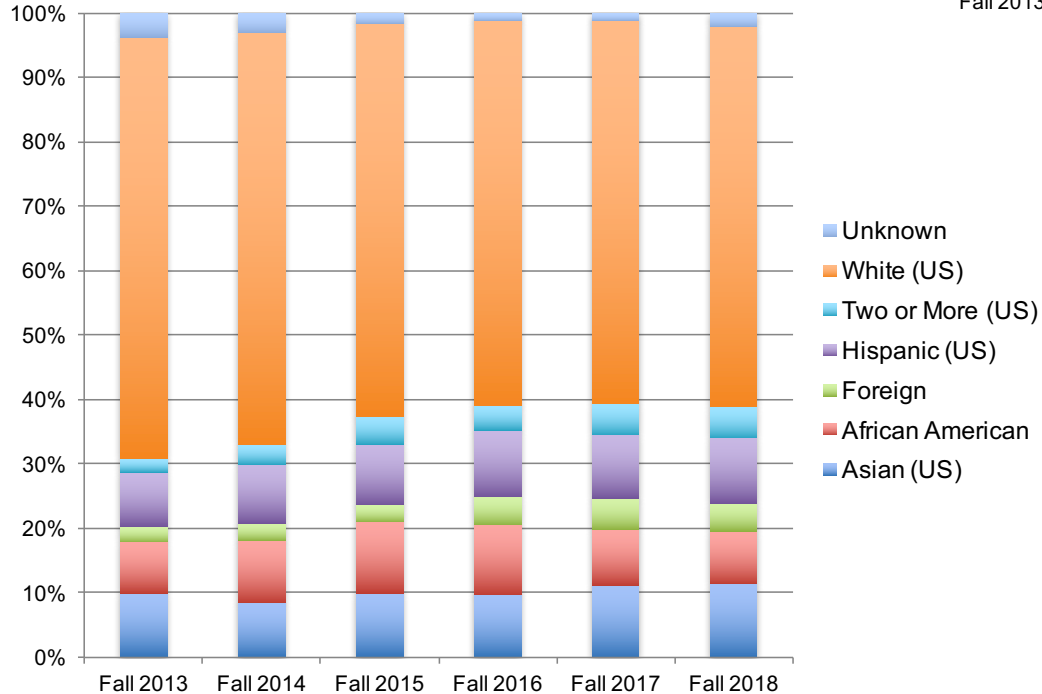


Female: 33%

Undergraduate Gender Diversity



Undergraduate Ethnic Diversity



African American: 8%

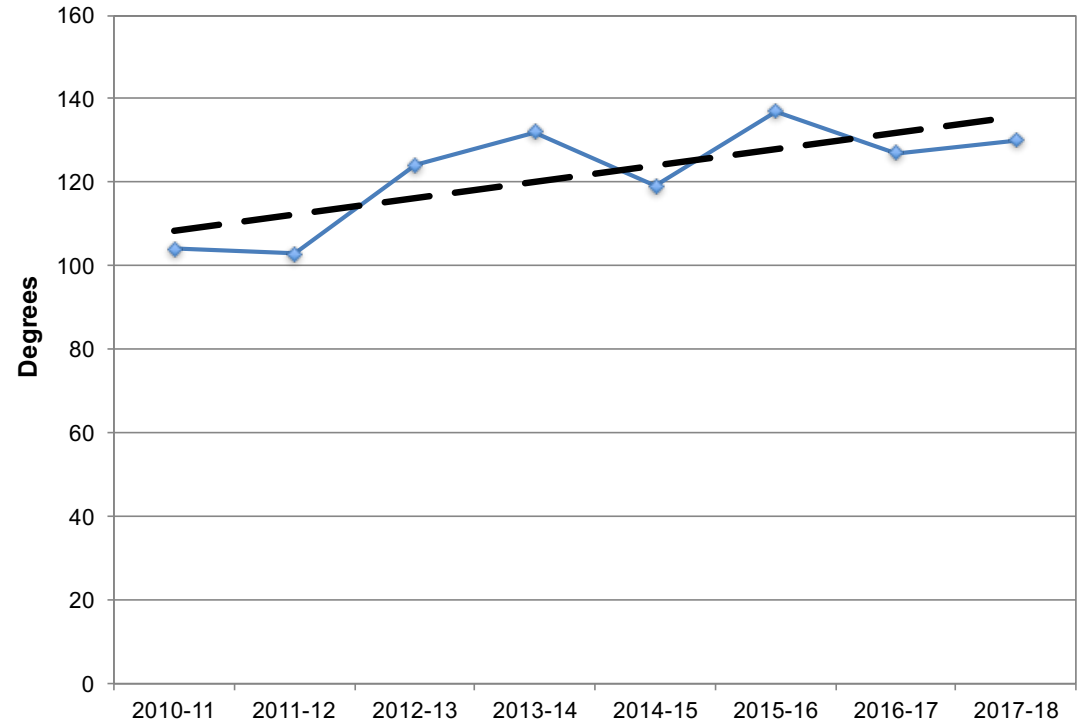
Hispanic: 10%

Two or More: 5%

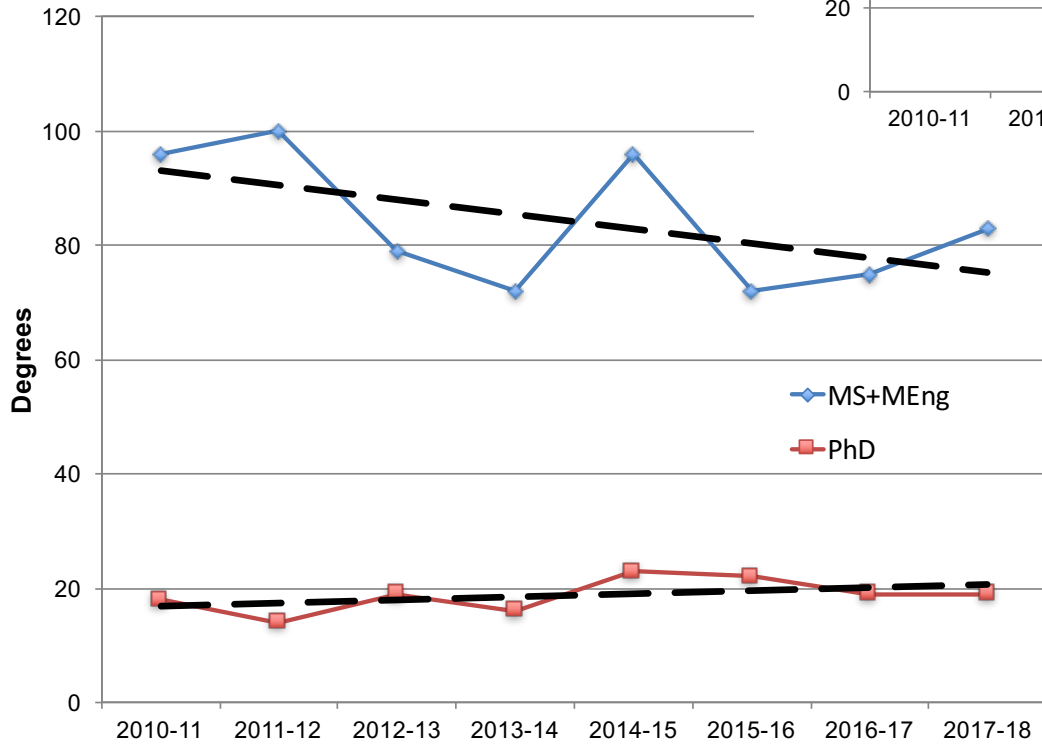


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Bachelor of Science Degrees

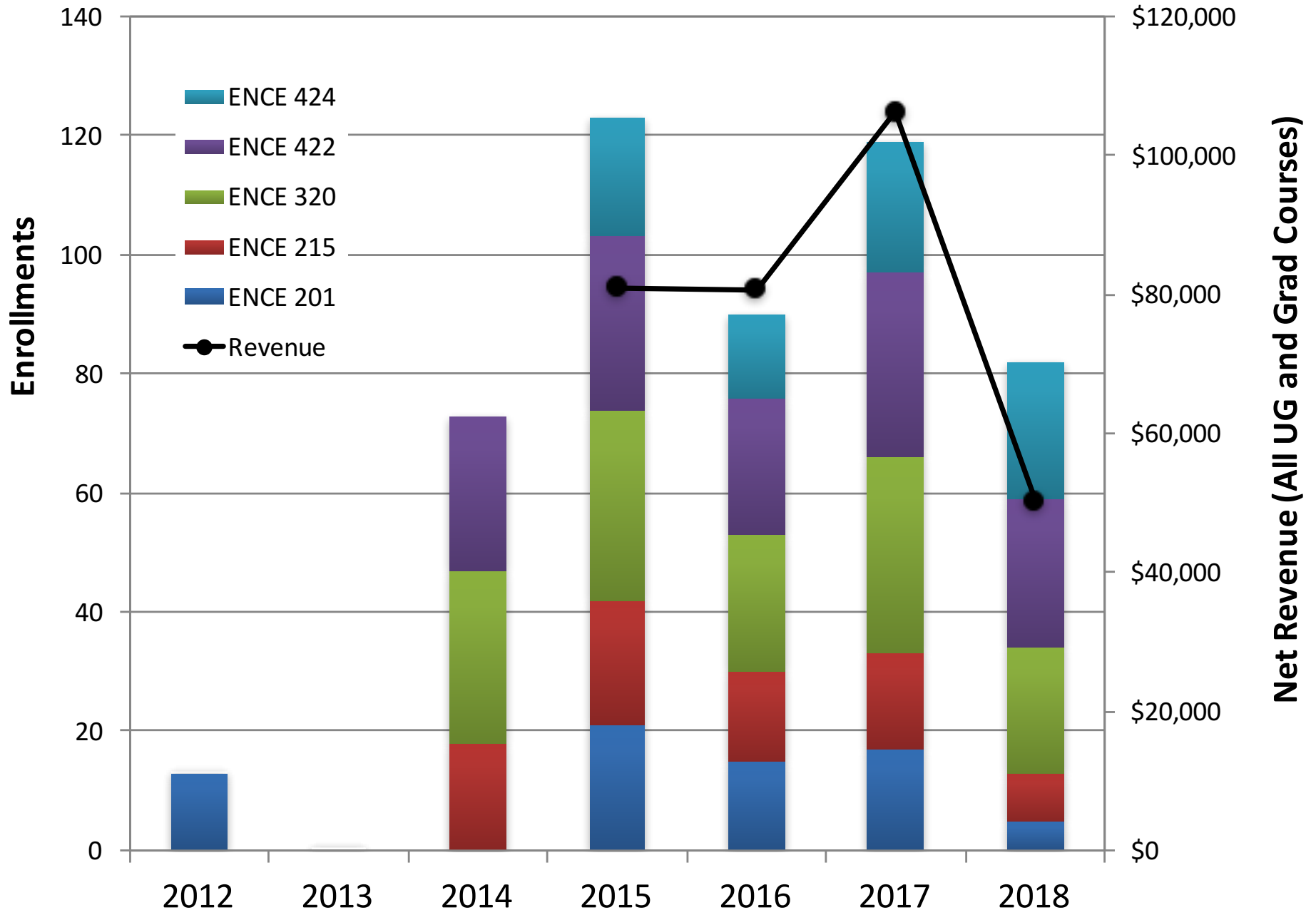


Graduate Degrees

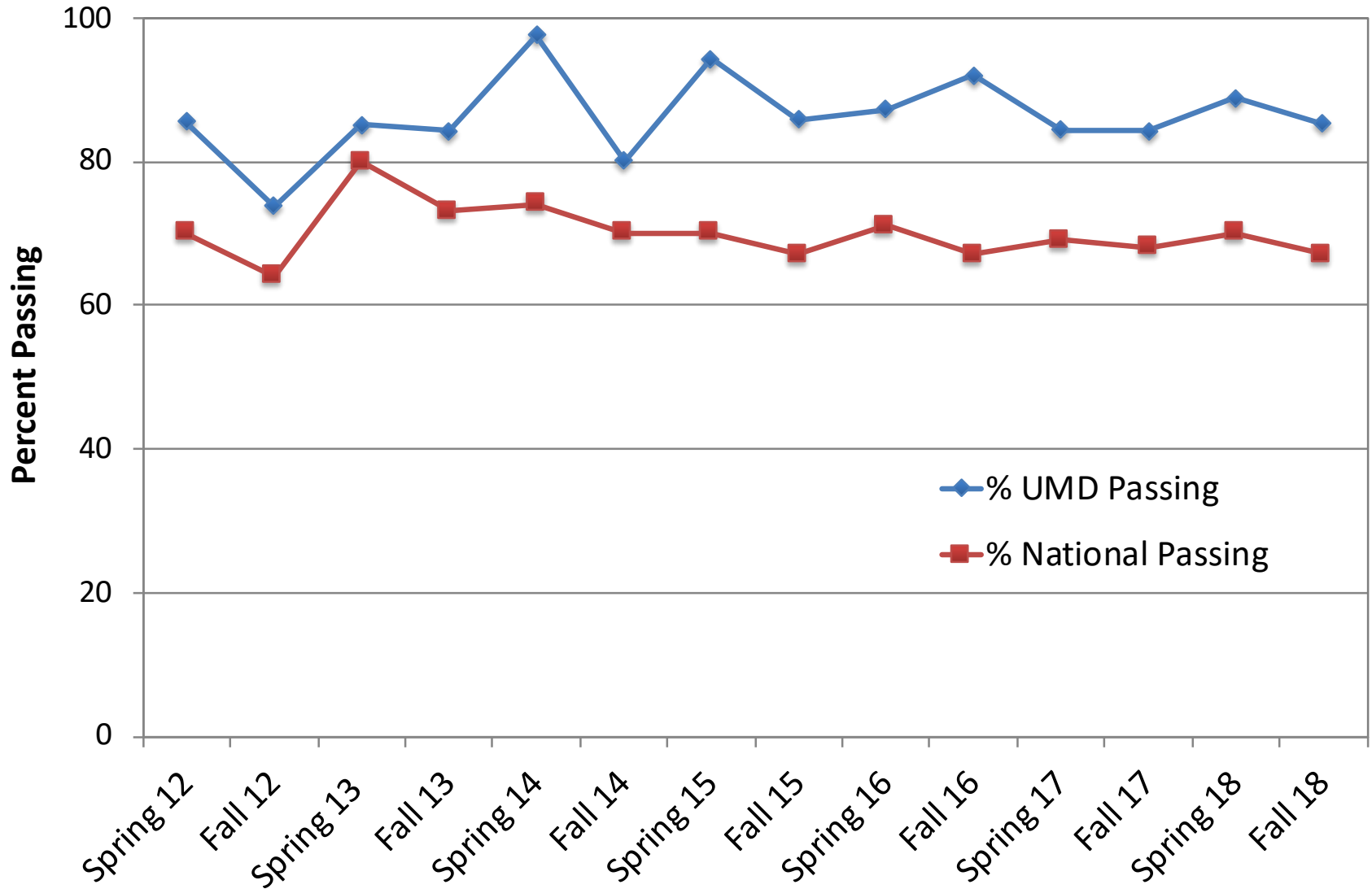


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Summer Course Enrollments and Revenues

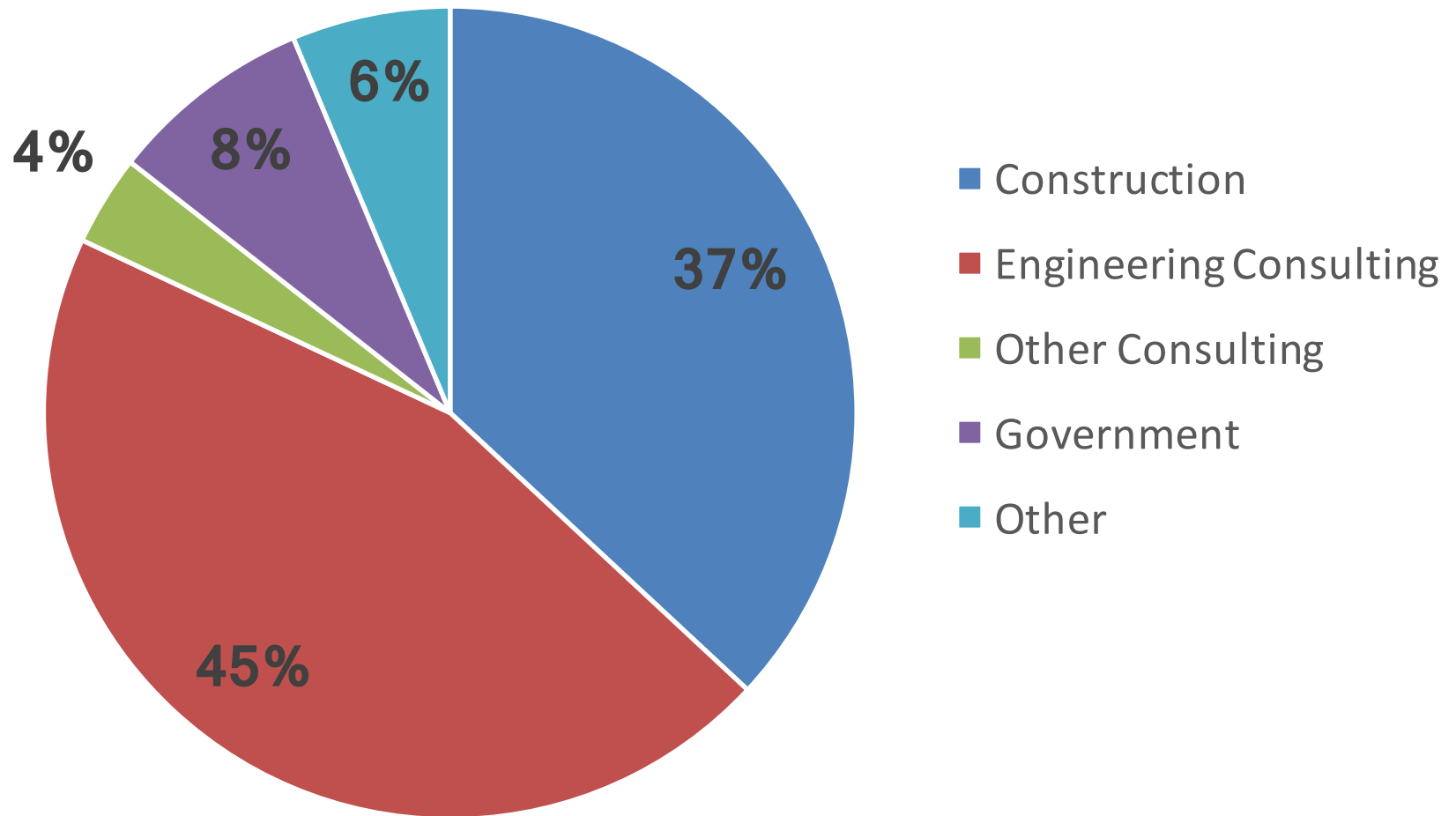


Combined CE-ENV Engineering FE Exam



2018 BS Graduate Employment by Sector

(Self Reported; N=111)



Quick Statistics

(Spring 2018)

Annual research expenditures

- 3rd among CEE programs (ASEE 2017)
- MTI expected to boost these

FY14	FY15	FY16	FY17
\$26.3M	\$25.2M	\$27.2M	\$29.2M

(ASEE Profiles)

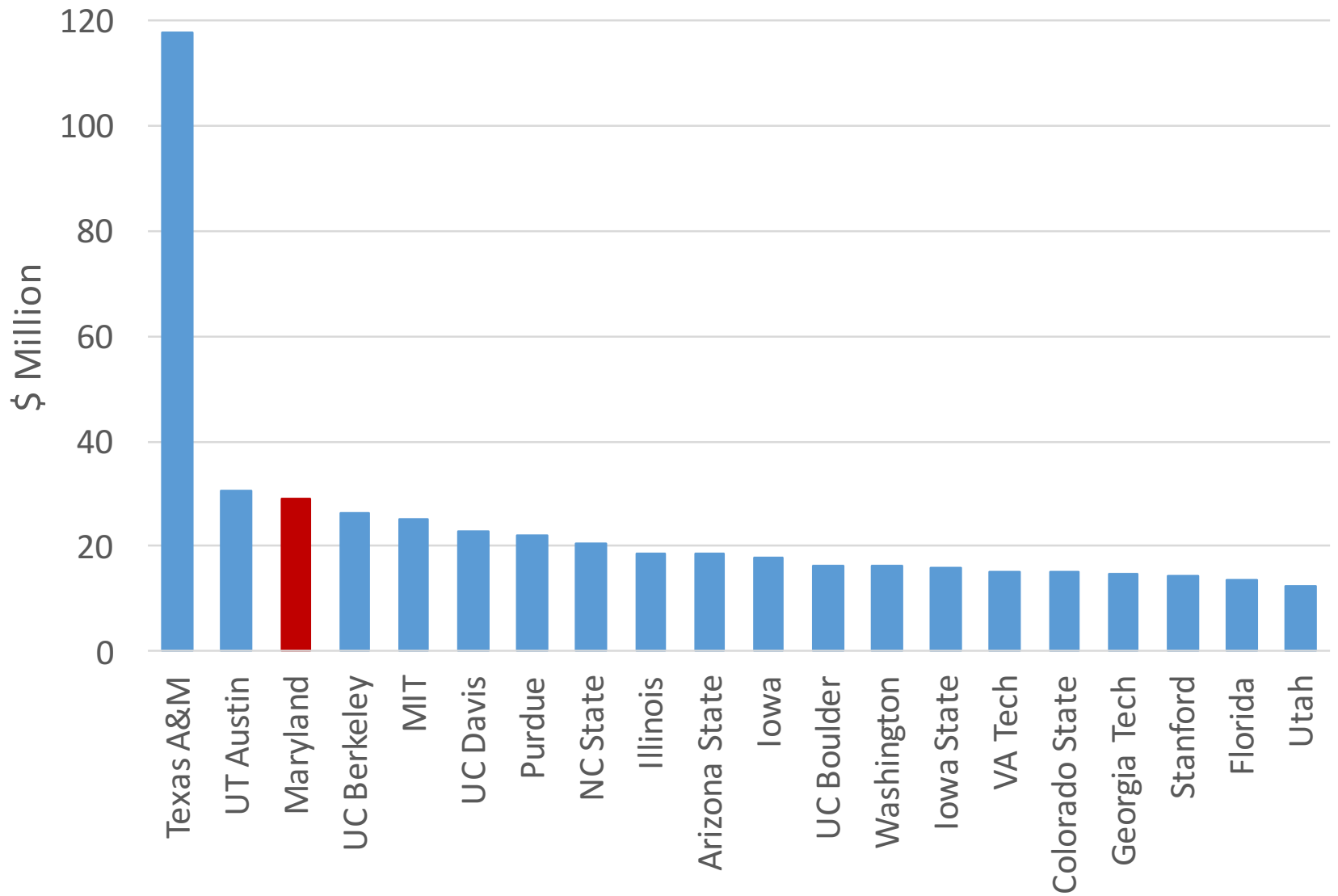
Top 20 public university CEE program

- 2019: 26th overall, 18th among public
- 2018: 30th overall, 18th among public

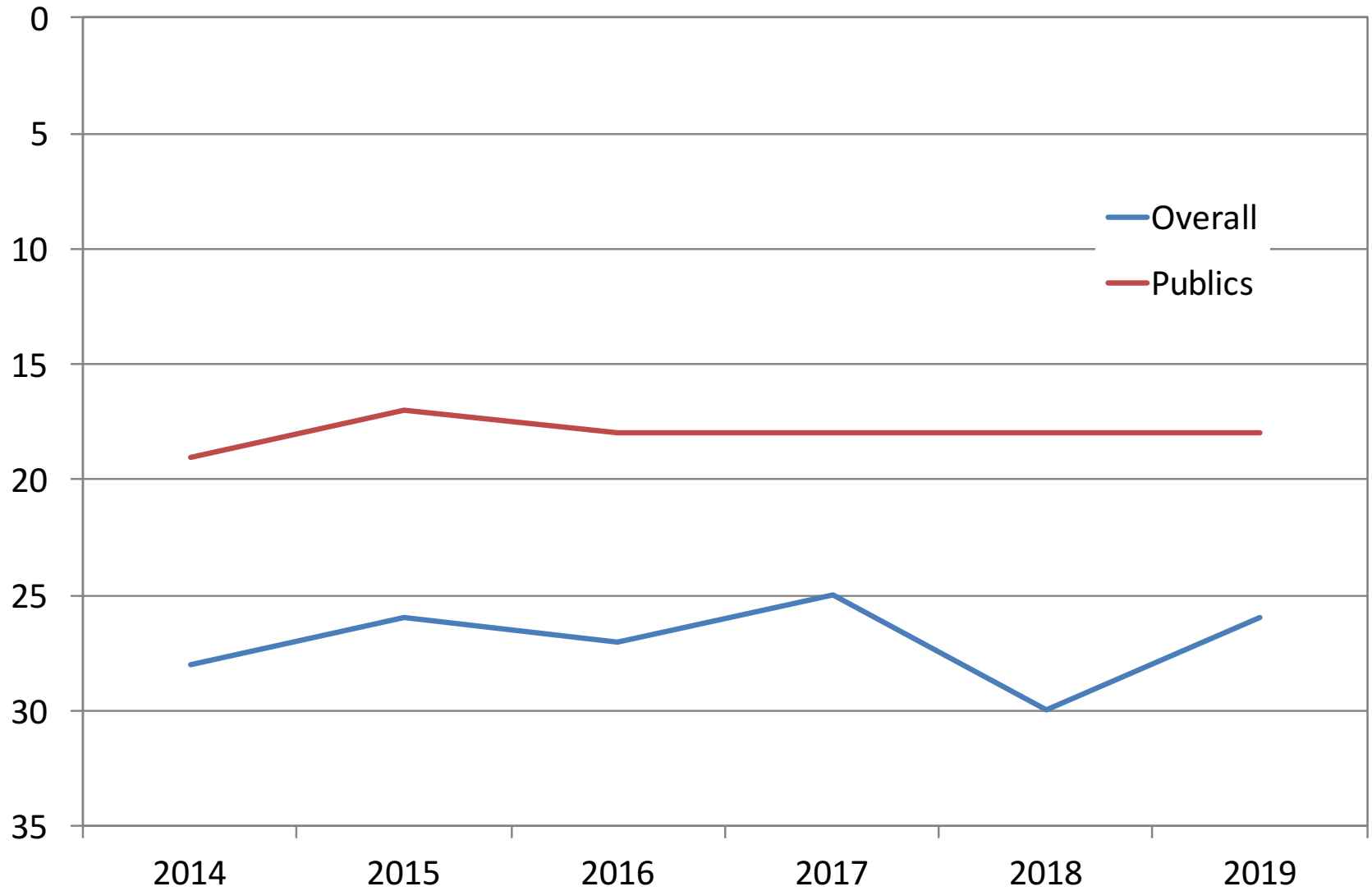


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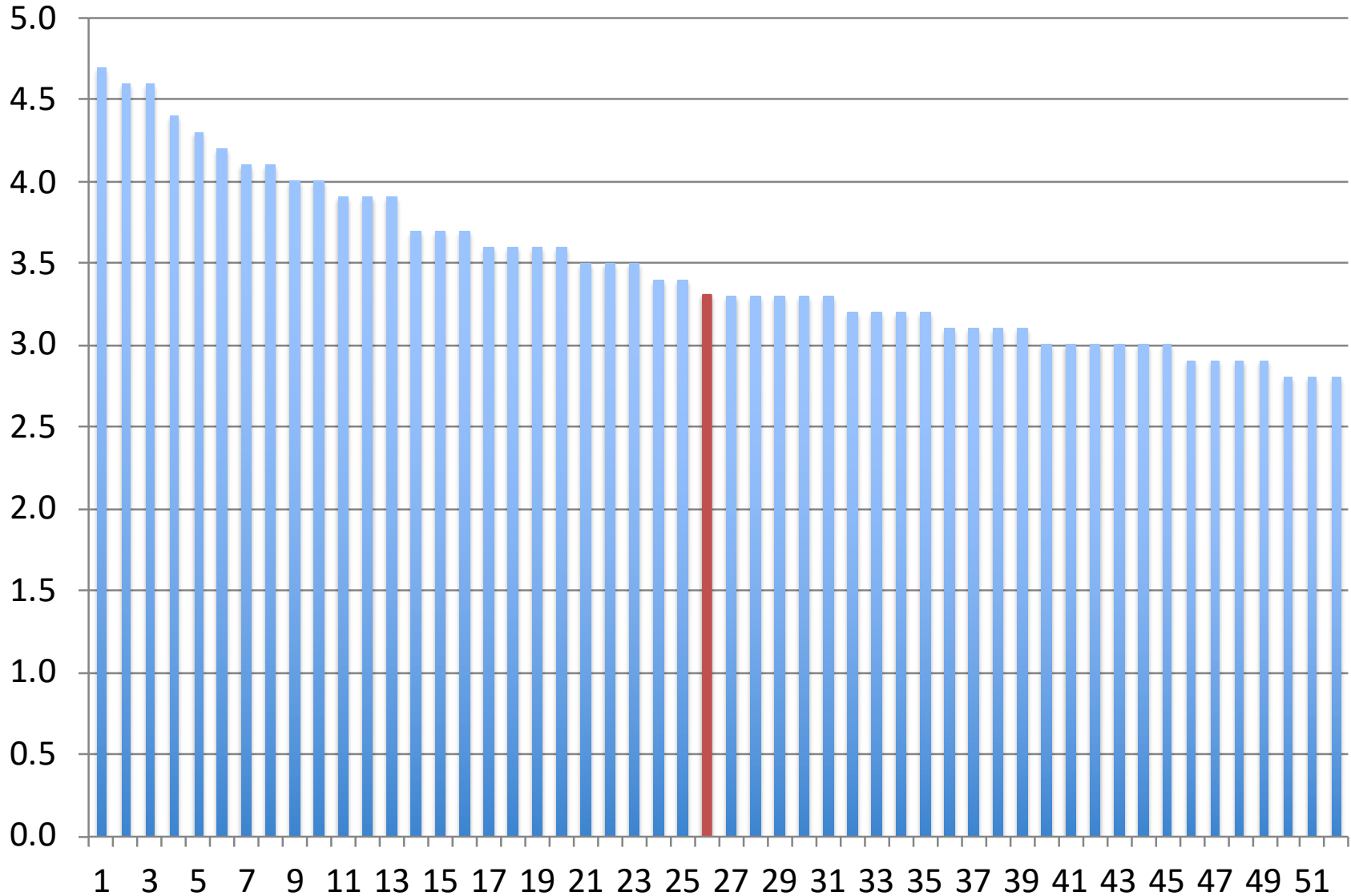
Top 20 Annual Research Expenditures (ASEE 2017)



US News Rankings 2014-2109



2019 U.S. News CEE Graduate Rankings (Top 50)



A. JAMES CLARK
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BUILDING TOGETHER

AN INVESTMENT FOR
MARYLAND

An unprecedented new investment of \$219.5 million from the A. James & Alice B. Clark Foundation that will transform the University of Maryland.



Clark Hall



Iribe Center



New CEE Building – programming underway

Other Components from “Building Together”

- Clark Distinguished Chair
- Clark Doctoral Fellows (3)
- A. James Clark Scholars (D. Lovell/Faculty Advisor)
- Clark Opportunity Transfer Scholarships
- Maryland Promise Scholarships
- Clark School Reputation Fund

<https://buildingtogether.umd.edu/>



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Major Media Hits in 2019 (So Far)

- 17 media hits
- Outlets: *New York Times, Washington Post, WAMU 88.5, The Kansas City Star, Miami Today, Engineering.com*
- Key stories: Midwest floods, Brazil dam collapse, potholes
- Faculty cited include Baecher, Galloway, Schwartz





CIVILREMARKS

CIVIL AND ENVIRONMENTAL ENGINEERING AT MARYLAND



A BETTER VIEW

How CATT Lab has transformed the way we manage our nation's transportation network.

Fall 2019 Theme:
Sustainability and Resilience

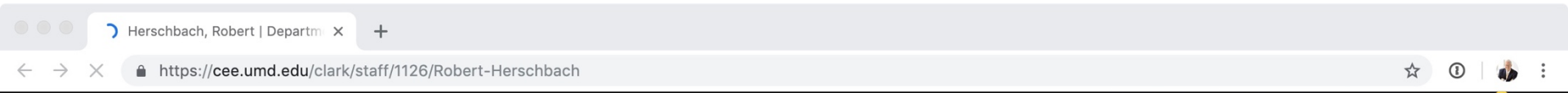
UNIVERSITY OF MARYLAND / FEARLESS IDEAS

Communications and Outreach



A. JAMES CLARK
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New Communications Coordinator



Staff Directory



Herschbach, Robert

Communications Coordinator, Civil & Environmental Engineering, Maryland Transportation Institute, Unmanned Aircraft Systems Test Site

A. James Clark School of Engineering
Civil and Environmental Engineering
1205 A. V. Williams Building

rherschb@umd.edu

[301-405-2057](tel:301-405-2057)



RESIDENT
PARKING
8AM-10AM
WEEKDAYS

THE GROWING THREAT OF URBAN FLOODING: A NATIONAL CHALLENGE

2018

University of Maryland,
College Park
A. James Clark School of Engineering
Center for Disaster Resilience

Texas A&M University,
Galveston Campus
Center for Texas Beaches and Shores

Distributed to congress,
governors

Capitol Hill briefing (11/18)

Online press briefing (11/18)

Ongoing national publicity



Gerry Galloway
ENR Top 25 Newsmaker for 2018



DEPARTMENT OF
CIVIL & ENVIRONMENTAL
ENGINEERING

KIRLIN
DISTINGUISHED
LECTURE
SERIES

5:00pm - 7:30pm

Thursday, November 15

Donald W. Vannoy

Edward St. John Learning and Teaching Center, Rm 1224

RSVP

Forensic Engineering: Lessons Learned from Failures

Thursday, November 15

Edward St. John Learning and Teaching Center Room 1224

Lecture: 5:00-6:00 pm

Reception: 6:15-7:30 pm



The Whiting-Turner Business & Entrepreneurial
Lecture Series in conjunction with the
Distinguished Kirlin Lecture Series

Endless opportunities: Thoughts on a growing career fueled by “paying forward”



Tim Regan
*President and CEO,
Whiting-Turner Contracting
Company*

THURSDAY, APRIL 18

Reception: 4:30 PM

Lecture: 5:00 PM

Zupnik Forum

1101 A. James Clark Hall

ZUPNIK FORUM - 1101 A. JAMES CLARK HALL | COLLEGE PARK, MD

Mpact Lecture Series

Fire in Paradise: Aging Infrastructure, Climate Change, and Inequality

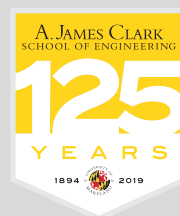
Tuesday, April 23

DR. DEB NIEMEIER

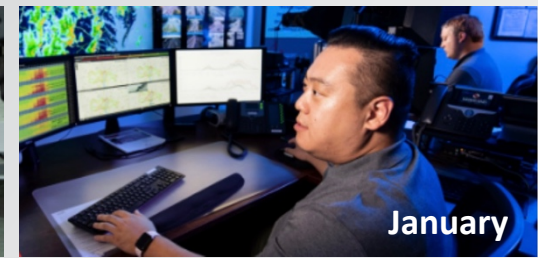
*Member of the National Academy of Engineering
Professor, Department of Civil and Environmental Engineering,
School of Education and Biological and Agricultural
Engineering, University of California at Davis*

Reception: 11:00 AM (Main Lobby of Clark Hall)

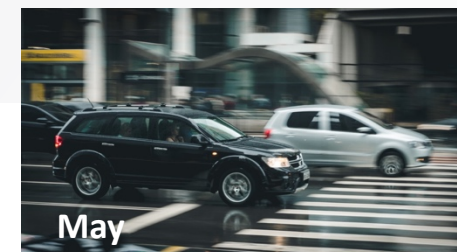
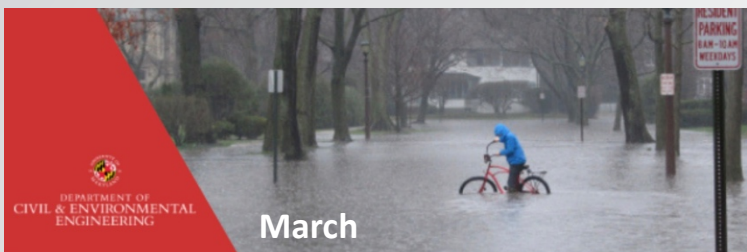
Lecture: 11:30 AM (Zupnik Forum)



go.umd.edu/niemeier-mpact



<i>Month</i>	<i>eNewsletter Topic</i>
November	Glodon Software Gift Supports Advancements in Smart Construction (Cui)
December	2018 Was a Year of Growth for CEE
January	CEE Shows Strong Presence at TRB 98th Annual Meeting
February	
March	Report Studies Growing Threat of Urban Flooding (Galloway)
April	Snow Melt Drives not only Spring Flooding, but Summer Droughts (Forman)
May	Improving Intersection Safety Through Intelligent Control Technologies (GL Chang—planned)





Has moved corporate headquarters to Reston VA

Recent significant interactions:

- Brendan Bechtel: Spring 2018 Clark School commencement address
- Charles Schwartz: "Innovation in in Civil Engineering: CEE@UMD" presentation to Bechtel executives Scott Osborne/Principal VP, David Wilson/Chief Innovation Officer (10/17/18)
- Charles Schwartz: "Preparing Future Bechtel Colleagues" panel discussion at Bechtel Global Business Meeting, San Diego CA (3/20/19)
- David Wilson: "Applying Technology & Innovation to Supercharge the Construction Industry" CEE Smart Construction Center seminar (4/5/19)
- Potential BoV candidate





Adrienne Hamcke Wicker



John Robinette

STAY IN LANE



FUTURE



PAST

