



Remember the Celebrations*
Relish your Accomplishments!

Celebrating 100 Years!!

*You may be looking at this and wondering "Centennial Celebration from 2022 is old news... IT IS, HOWEVER, IMPORTANT NEWS; worthy of being collected, organized and put together in one place as a mark of our history and accomplishments

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Celebrating 100 Years

MORE than 100 YEARS of ASCE in VIRGINIA

The American Society of Civil Engineers, founded in 1852. Is the nation's oldest engineering society and represents more than 150,000 civil engineering professionals in 177 countries.

Founded in 1922, ASCE | Virginia Section was established with the overarching principle of promoting the general welfare of the engineering profession and the American Sociate of Professional Engineers.

This was to be accomplished by “the advancement of engineering knowledge and practice, the cultivation of friendly relations with all engineers, the maintenance of high professional standards and cooperation with other societies. With these guiding principles it’s an honor to see the successful growth and achievements of the VA Section these past 100 years.

ASCE and the Virginia Section members continue to receive valuable opportunities to:

NETWORK & DISCOVER

new avenues to advance their business and their careers.

Stay abreast of NEW DEVELOPMENTS

and technology in the civil engineering field.

PARTICIPATE

in continuing educational programs and training.

SOCIALIZE

with like-minded professionals.



CERTIFICATE of RECOGNITION

By virtue of the authority vested by the Constitution in the Governor of the Commonwealth of Virginia, there is hereby officially recognized:

100TH ANNIVERSARY
OF THE
AMERICAN SOCIETY OF CIVIL ENGINEERS, VIRGINIA SECTION

As civil engineering professionals, we provide a higher calling of excellence to our organizations, our firms, our individual practice, our communities, and to the public at large. [See certificate](#)

In 1922 membership began with less than 50 professionals and grew to more than 1,100 at the 50-year mark (1972). Now, after 100 years, the Virginia Section is supported by a membership of more than 3,000 professionals. We are a trusted source for facts, knowledge, and know how that provides real value to our members and the communities we serve. Our Infrastructure Report Card is an excellent example of grassroots initiatives that improve infrastructure and quality of life in the Commonwealth.

As we look to the next 100 years, it’s up to all of us to maintain the strength and value of our section and the profession as a whole. The National Historic Civil Engineering Landmarks and associated Interactive Map, discussed below, are excellent tools to showcase the significant impacts Civil Engineering has and continues to make to our way of life.



Celebrating 100 Years

(cont. from page 2- More than 100 Years of ASCE in Virginia)

Looking Back

Engineering education began in the Commonwealth at the University of Virginia in 1827. In 1836-1837, individual course listings were published under the heading "School of Engineering" although the "School" may have been more like today's department of engineering. The Virginia Military Institute has offered courses in Civil Engineering since 1839 and Virginia Polytechnic Institute and State University (*Virginia Tech*) since 1872. Old Dominion University first offered junior-level engineering courses in 1964.

The first degree in the Commonwealth was awarded by UVA in 1869. VMI followed suit the next year but limited awarding a degree to distinguished graduates only in civil

engineering. The first baccalaureate engineering degrees at Old Dominion University were issued in 1966.

Student Chapters of ASCE were (*and still are today*) intended to be a means to help the civil engineering student prepare themselves for entry into the engineering profession and to the Society. Chapter members gain experience by preparing, presenting and discussing papers, holding offices, invite and entertain guest speakers, conducting meetings and coordinate chapter activities, visit construction sites, prepare society reports, and have complete access to Society publications. It was exciting to welcome the Liberty University (LU) chapter in 2022 and support James Madison University (JMU) as they navigate the process of establishing their chapter.

1921

VMI organized the first student chapter

1922

UVA, VPI&SU both chartered student chapters.

1955

The Norfolk Division of William & Mary - VPI began the VPI Chapter

1965

A separate Chapter was granted to Old Dominion College, now known as Old Dominion University (ODU).

National Historic Civil Engineers Landmarks

A valuable accomplishment to celebrate during our centennial year was ASCE's Historic Civil Engineering Landmark Program. Historically significant local, national, and international civil engineering projects, structures, and sites have been identified, dedicated, and logged into an on-line historical record open to the engineering community and general public. Virginia has created an interactive map showing a broad range of Civil Engineering projects on the Virginia Section website. *Note: The ASCE Historic Civil Engineering Landmark program is strictly a voluntary recognition and is not affiliated with any governmental or regulatory authority.*

[Read More Here](#)

[Interactive Map](#)

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Celebrating 100 Years

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Old Cape Henry Lighthouse

This was the first construction project authorized by the First Congress. This banner project set the stage for all subsequent public works projects of the Federal Government. More details are found in the interactive map write up and in the CE Magazine (March 2015). [Learn More](#)



Blue Ridge Parkway

The Blue Ridge Parkway, begun in 1935, encompassed 469-miles at the time of its construction completion in 1937, was the longest road ever planned as a single unit in the United States. Connecting the Shenandoah National Park in Virginia and the Great Smokey Mountains National Park in North Carolina, the Parkway was planned to provide pleasant motoring while maintaining the unique natural and cultural resources of the Southern Highlands. It was also considered a public works project to help relieve unemployment in the Appalachian region during the Great Depression. [Learn More](#)

Great Fall Canal and Locks

In the years immediately following the American Revolution, nearly one-half of the U.S. population lived west of the Appalachians – but trade access to eastern ports proved difficult. The solution was believed to be development for commercial navigation at the Headwaters of the Potomac & Ohio rivers. A series of five canals were needed with the most ambitious of them located at Great Falls, Virginia, where the Potomac River drops nearly 80 feet. This project started the great era of canal building essential to the growth of early America. [Learn More](#)



Centennial Pamphlet

Showcasing several of Virginia's historical projects over the past 100 years, this great piece can be seen in its entirety on the [ASCE Virginia Section website](#).



Celebrating 100 Years

A YEAR of CENTENNIAL EVENTS & CELEBRATIONS

The Year 2022 was a year of celebrations and awards for the Virginia Section and its Branches. Listed below are the various individual events and happenings that topped off such a special time in ASCE Virginia's Centennial History.

February 10, 2022 | 3rd Annual Meet Legislative Meet and Greet

Each year this national event sponsored by ASCE continues to be a great opportunity to network with other engineers from different parts of the country, and to hear how engineering impacts our government at the national and state levels. It serves as a professional development educational opportunity in the public policy process and advocacy by ASCE members meeting with and hearing from Members of Congress and senior legislative staff.

March 17, 2022 | Norfolk Branch Centennial Celebration

This celebration kicked off with a great turnout from the Branch and the Virginia Section. Eleven awards were given out overall to recognize individuals and companies for their achievements and support of the Norfolk Branch.

ENGINEERING FIRM AWARDS

- Liberty Engineering, Virginia Beach**
Outstanding contributions to the engineering profession and continuing commitment to support ASCE
- GET Solutions. A Terracon Co.**
Excellent sub-consultant and long-time sponsor for the Norfolk Branch
- AECOM** *Outstanding contributions & support of both ASCE Norfolk Branch and the Structural Engineering Institute*

INDIVIDUAL AWARDS



Chrisa Mitchell, PE
Long Time Board Member Award



Jim Hummel, PE
Long Time Board Member Award



Michael Darrow, PE
Outstanding Government Engineer



Martha Gross, PE
Outstanding Contributions as a Construction Leader

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INDIVIDUAL AWARDS



Wade Watson
Best of the Best,
Norfolk Branch



Lamont "Bud" Curtis, PE
Best of the Best,
Peninsula Branch



John Harman, PE
Norfolk Branch,
Past President

March 22 - 25, 2022

ASCE 2022 President, Dr. Dennis Truax Speaking Tour of Virginia College and University Student Chapters

- March 22nd: Virginia Tech
- March 23rd-24th: Liberty University
- March 24th: Virginia Military Institute and Sweet Briar College
- March 25th: University of Virginia and Old Dominion University

March 26, 2022 | Centennial Gala

What a celebration it was! With more than 150 people in attendance, it was a testimony to the camaraderie and respect ASCE is known for. A variety of awards were given for the Best of the Best Branch awards, Project Recognitions, Outstanding Centennial Award, Centennial Award, and Notable Engineer Award. (View our [Centennial Gala Awards Powerpoint presentation](#))



Branch Awards

Bull Run Branch: Victor Crawford, PE, Wetland Solutions, Inc. Gainesville, VA

Lynchburg Branch: Hurt & Proffitt, Lynchburg, VA

Norfolk Branch: Wade Watson, PE

Peninsula Branch: Lamont "Bud" Curtis, Newport News, VA

Richmond Branch: Kimley-Horn

Roanoke Branch: Randel Dymond, PE



Celebrating 100 Years

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Christina Ammens, Region 4 Governor for Virginia, & Nancy Lebr, Virginia Section President, were Masters of Ceremony.



Keynote speaker, 2022 ASCE President, Dr. Dennis D. Truax, PE, DEE, DWRE, FASCE, FNSPE



Above: Catherine Sydnor (in red) accepted for Kimley Horn for their support of the Richmond Branch



Above: Best-of-the-Best & Centennial Leadership Awards were also presented to the following outstanding people (left to right): Victor I. Crawford, Bradford L. Price, Dr. Randel L. Dymond, and Lamont "Bud" Curtis (not in photo). National Capital Section Board Members (On right) presented a recognition plaque to the Virginia Sections.

Left: Lamont "Bud" Curtis, PE

Project Recognitions

Lynchburg Branch

- US RT 29 Airport Bridge Replacement Over Norfolk Southern Railroad, City of Lynchburg (VDOT)
- Fink Deck Truss Bridge, Riverside Park, Lynchburg, Virginia (*National Historic Civil Engineering Branch*) *this project, done by the Liberty University ASCE Student Chapter, Vehicle Tunnel, Liberty University*
- Frederick Water – Quarry Intake Pump Station

Richmond Branch

- Belle Island Pedestrian Bridge (James River Corp. and VDOT)
- T. Tyler Potterfield Memorial Bridge (City of Richmond)
- Main St. Station & Train Shed (U.S. National Historic Landmark)
- Richmond's Triple Crossing
- Cobb's Creek Reservoir (Henrico County)
- Bus Rapid Transit (BRT Pulse, City of Richmond)

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A great time was had by all...



Special Recognition to...



Outstanding Centennial Engineer

Victor Crawford, PE. Serving as a Civil Engineer for 45 years (*he started when he was 12*), is just the warming up phase for Victor Crawford. His experience encompasses engineering consulting in the private sector, along with serving the U.S. Department of Energy and the Navy's Shoreside Environment Program. His second act can hardly be called retirement as he continues to support the civil engineering profession in so many impactful ways. [Detailed Bio](#)

Notable Engineer Marvin Hilton, PE. The most prominent and important efforts are so often the brainchild of one person. That was Marvin Hilton. In 2002 he suggested the State of VA should have a Continuing Education requirement to maintain a professional license. He was tasked with drafting the preliminary proposal which was sent to the APELCID-LA Board. What started as an idea and was nursed through the legislative approvals process, became law. To the "Father of the Continuing Education Requirement for Maintaining a Professional Engineers License in the State and Commonwealth of Virginia," "Thank you and job well done." [Detailed Bio](#)



In Memoriam: Marvin Helton, PE
10/19/1932 - 4/25/2010



Centennial Engineer **Bradford Price, PE.**

A special award was given to Bradford Price who has continually dedicated his retirement to assisting and guiding in a variety of roles with ASCE. His leadership and vision was celebrated at the Centennial Gala, the Truax Trip to meet and greet with students from all over the state, and his tireless efforts in his extensive work with ASCE. Bradford's continuing efforts and the support of his wife of 50 years, Diane, is an exceptional example for all of us.

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May 14, 2022 | Centennial Boat Tour

This 3-hour tour (*pun intended*) of the historic Civil Engineering Landmarks in Hampton Roads was quite the adventure. A great turnout boarded the Spirit of Norfolk at Waterside and traveled through the Elizabeth River and traveled the Elizabeth River from Norfolk Harbor to the Norfolk Naval Base and back. Daren Williams highlighted the significant civil engineering landmarks in Hampton Roads.

June 4, 2022 | Crozet Tunnel Dedication

The ASCE re-dedication ceremony for the Crozet Tunnel, was to install a new Civil Engineering Historic Landmark plaque. The original Landmark Plaque was dedicated on October 29, 1976 at a time when the Tunnel was not accessible to the general public. Our re-dedication was made possible due to the work of Nelson County, the VDOT Lynchburg District, and the Claudius Crozet Blue Ridge Tunnel Foundation. These three entities, plus others, worked over the last 20 years to clean and restore access to the historic tunnel which was closed in the 1940s. Nelson County held a grand opening ceremony for the Blue Ridge Tunnel Trail in November 2020, but Covid prevented a proper ASCE presentation at that time. Therefore, the Centennial Celebration Committee appropriately included the re-dedication and plaque presentation in our Centennial Celebration this year.



Pictured from left to right in color are: John Harman, President-Elect, VA Section, Tom Smith, ASCE Executive Director, Mike Bumbaco, Vic Crawford, Centennial Celebration Committee Chairs, Bernie Dennis, NHCEL, Christina Ammens, Region 4 Governor for Virginia.

Right: CrozePlaque, re-dedicated on June 4, 2022.

Far right: Inside the Tunnel showing the extensive brick work that had to be restored.



[Learn more about this project](#)

June 8, 2022 | Bull Run Branch Centennial Celebration

It's hard to keep track of all the awards given to ASCE Virginia Branch members. The Bull Run Branch had several awards that were given during their celebration. This included:

Best of the Best Awards

Individual: Victor Crawford, PE

Engineering Firm: Wetland Solutions, Inc. Gainesville, VA

Excellence in Project Management & Innovation Award *(Awarded Nov. 2, 2022)*

I-66 Express Mobility Partners and Gannett Fleming
for the I-66 HOT Lane Project

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Celebrating 100 Years

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September 17, 2022 | Fink Truss Bridge Cleanup

The Fink Truss Bridge, originally built in 1870, was converted to a vehicular bridge over a railroad spur in 1893 when the Norfolk and Western mainline was moved. It was relocated again in 1985 to Lynchburg's Riverside Park to serve as a pedestrian bridge. The clean-up efforts by the Liberty University Student Chapter encompassed a major effort of clearing bamboo, leaves, and general overgrowth along the path leading to and from the bridge as well as underneath it. [Learn More](#)



October 1, 2022 | Lynchburg Branch Centennial Celebration

The Lynchburg Branch had several awards that were given during their celebration in October. This included:



Student Leader Awards:

- Lydianna Notheis (LU)
- Andrew Henderson (VMI)

Branch Service Award:

- James Talian, P.E.

Best Engineering Project Awards:

- VDOT

October 25, 2022 | Richmond Branch Centennial Celebration

The Richmond Branch had several awards that were given during their celebration in October. This included:



Outstanding ASCE Richmond Branch Officer: Matt Amonette



ASCE Richmond Branch Advocate of the Year (Firm): Timmons Group



ASCE Richmond Branch Advocate of the Year (Individual): Bryan Stevenson



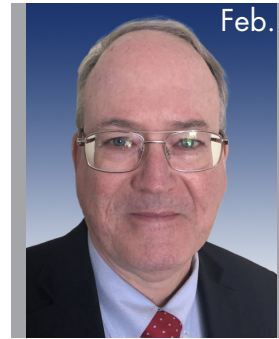
Celebrating 100 Years

Centennial Engineers of the Month (CEOM)

Congratulations!

From February - December 2022,
11 exceptional individuals
were selected to be honored as
Centennial Engineers of the month.

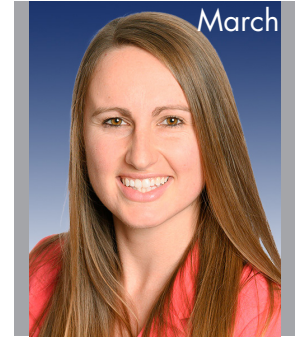
[Read Detailed Bios](#) *exemplifying their accomplishments*



Feb.

Emmett R. Heltzel, PE

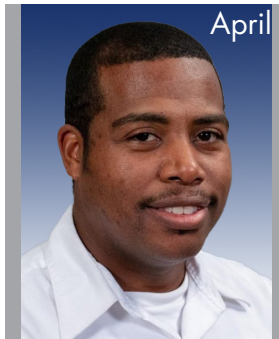
*State Location & Design Engineer,
(VDOT)*



March

Ashley Fenouil, PE

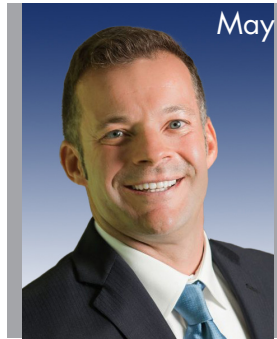
Kimley Horn



April

Darren Charles Williams, PE, MASCE

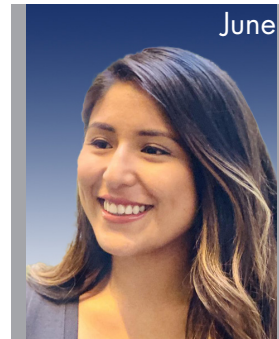
Merck's Global Workplace & Enterprise Services



May

Stephen Steward, PE,

*CCM, DBIA, LEED AP, CFM
Associate, A. Morton Thomas*



June

Brenda Villarreal, PE

Project Manager, WSP



July

Gul Afghan Saleh,

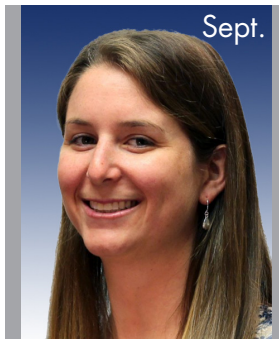
*PhD, PMP, M. ASCE
A supporter and champion
of the world!*



Aug.

Mike Bumbaco,
PE, M. ASCE

*A mentor to the next
generation of engineers!*



Sept.

Carolyn Rose Desrochers Perry,
PE, SE

*Structures Team Lead,
Richmond Office, WSP*



Oct.

Matthew K. Swenty,
PhD, PE, M. ASCE

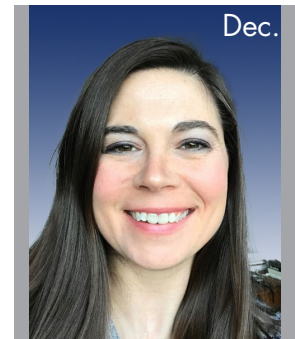
*Jackson-Hope Professor of
Civil Engineering, VMI*



Nov.

Niko Ambrose,
EIT, A.M. ASCE

*Traffic Engineering, VDOT,
Richmond District Operations*



Dec.

Lindsay Swain,
PE,

*Water Manager, Eastern
United States, META
ASCE, Branch President and
VA Executive Board*