

KENTUCKY ENGINEER

$$SSL = \frac{f(b) - f(a)}{b - a} \quad a^m \times a^n = a^{m+n}$$

$$f'(x_0) = \lim_{x \rightarrow x_0} \frac{f(x) - f(x_0)}{x - x_0} \quad a^0 = 1$$

$$f'(x_0) = \lim_{h \rightarrow 0} \frac{f(x_0 + h) - f(x_0)}{h}$$

$$y = kx \quad k = \frac{y}{x}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$ax^2 + bx + c = 0$$

$$(x, y, z) = (x_0, y_0, z_0) + k(u_1, v_1, w_1)$$

$$k \in \mathbb{R} \quad \frac{x - x_0}{u_1} = \frac{y - y_0}{u_2} = \frac{z - z_0}{u_3}$$

$$\begin{cases} x = x_0 + k u_1 \\ y = y_0 + k u_2 \\ z = z_0 + k u_3 \end{cases} \quad k \in \mathbb{R}$$

$$\sum_{i=1}^n 1 = (n - p + 1)1 \quad f_i = \frac{n_i}{N}$$

$$\sum_{i=1}^n 1 x_i = 1 \sum_{i=1}^n x_i$$

$$Me = x_k, k = \frac{N+1}{2}$$

$$Me = \frac{x_k + x_{k+1}}{2}, k = \frac{N}{2}$$

$$\log_a b = x \Leftrightarrow b = a^x$$

$$\log_a (uv) = \log_a u + \log_a v$$

$$\log_a \left(\frac{u}{v}\right) = \log_a u - \log_a v$$

$$A = L^2 \quad (x+2) \cdot (x-1) = 0 \quad \sqrt{\left(\frac{-b}{2a}, \frac{-\Delta}{4a}\right)}$$

$$(a+b)^2 = a^2 + 2ab + b^2$$

$$(2x+3)^2 = (2x)^2 + 2 \cdot 2x \cdot 3 + 3^2 = 4x^2 + 12x + 9$$

$$(x+y)^n = \sum_{k=0}^n \binom{n}{k} x^{n-k} y^k \quad a^{\frac{p}{q}} = \sqrt[q]{a^p}$$

$$F + V = E - 2 \quad S_i = (n-2) \times 180^\circ \quad H^2 = C_1^2 + C_2^2$$

$$\overline{AB} = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2}$$

$$\overline{AB} = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2}$$

$$(x - x_0)^2 + (y - y_0)^2 = r^2$$

$$(x - x_0)^2 + (y - y_0)^2 + (z - z_0)^2 = r^2$$

$$y = mx + b$$

$$A = \sqrt{s(s-a)(s-b)(s-c)}$$

$$s = \frac{a+b+c}{2}$$

$$V = lwh$$

$$\tan\left(\frac{\pi}{5}\right) = 1$$

$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$$

$$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$$

$$\sin\left(\frac{\pi}{6}\right) = \frac{\sqrt{3}}{2}$$

$$\sin\left(\frac{\pi}{4}\right) = \frac{\sqrt{2}}{2}$$

**2022 MATHCOUNTS
Winners Announced**

page 16



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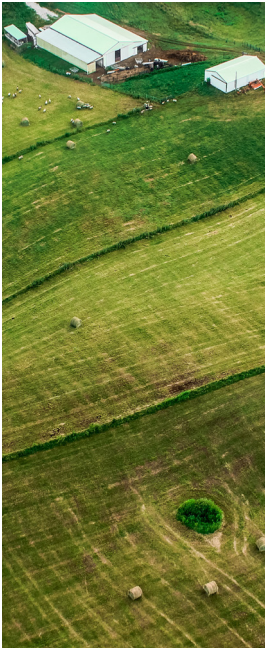


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member and former
president

Cover design by Ashlyn Crawford
Magazine design by Hayley Robb

President's Statement

Lora Boller, PE

It's Spring! Winter again? Spring? It's time to mow our yards, at least.

It is hard to believe that my term as President is already ending. I am honored to have served this organization and encouraged by all the learning and growing that I have seen in myself and others during this year and the many years that I have had the privilege to hold a seat on the State Board.

MATHCOUNTS

Our chapter level MATHCOUNTS competitions remained virtual but we were able to host a State competition in person this year!

Western Kentucky University in Bowling Green welcomed all the mathletes back to show off their skills in March. See more information about this year's competition on [page 16](#).

LEADERSHIP PE

The call is out for Leadership PE applications! The program has graduated many of the NSPE-KY current and past officers, including myself, and is an excellent opportunity to hone your leadership skills while developing bonds with professionals throughout our field. Encourage an upcoming leader to apply or put your own name in the hat!

ANNUAL CONVENTION

Planning and Seminars committees are hard at work preparing for this year's Annual Convention. The convention will be held in Louisville this year July 20-22. I hope to see you there!

20 July 20-22: NSPE-KY Annual Convention

DIVERSITY, EQUITY & INCLUSION

I have tried to include messages throughout my presidency on Diversity, Equity, and Inclusion in engineering. As a minority scholarship recipient, I've often found myself as the only woman in the room.



Although this filled me with pride and determination, at times it could also be discouraging. I want to encourage our community to be open to discussions regarding DE&I.

As American Society of Mechanical Engineers' Kathleen Lobb said, "Making the engineering profession more equitable isn't just the right thing to do; Innovation demands that we tap the best ideas from the full diversity of humanity."

No one person will have a better solution than that of a collective group of persons that have lived and seen life from different perspectives.

SIGNING OFF

Thank you for your support of NSPE-KY. Please continue to find ways to volunteer and help each other.

We serve to protect the public welfare and that includes encouraging and mentoring our colleagues.

Let your employees know you will support them in their volunteer work, push an inspiring leader to apply for Leadership PE, bring a young engineer with you to the next meeting, encourage mentoring programs and ensure your workplace is welcoming to all.

"Making the engineering profession **more equitable** isn't just the right thing to do; **Innovation** demands that we tap the best ideas from the **full diversity of humanity**."

— KATHLEEN LOBB, ASME

As always, thanks to my loving family and my employer, HMB Professional Engineers, who provide me the support needed to serve in this role.

Signing off as your 88th President and the fourth female President of NSPE-KY,

Lora Boller, P.E.



Board of Licensure Report

Kyle Elliott, Executive Director

BOARD MEMBER UPDATES

On April 29, the Board of Licensure met in person at the Kentucky Engineering Center in Frankfort. The week before, NCEES held a joint Central and Southern Zone in person meeting in Oklahoma City, OK. It is nice to get back to having in person meetings.

LICENSE RENEWALS

After a minor malfunction, emailed renewal notices went out on Wednesday, April 13 to all licensed Professional Engineers and/or Professional Land Surveyors whose last name begins with a letter of L – Z. The email notices were emailed from “Kentucky General Government Cabinet kyngov@subscriptions.kentucky.gov”. This is a new service we are offering for notifications regarding license and permit renewals and for providing links to the Kentucky Engineer and to The Interior Angle, publications of NSPE-KY and KAPS respectively.

If you are a licensee, and the first letter of your last name is in the range of L – Z, your individual license will expire on June 30, 2022.

30 June 30: All licenses will expire for individuals whose last name begins with L – Z

We will be sending another email notice in the next few days, and paper renewal notices will be mailed out at least thirty days prior to June 30. Renewing early helps the Board reduce costs of the paper renewal notices.

You can renew your license online at the [Board's website](#). On the front page, click “Renewal Information” to renew your license by credit card.

The online renewal process is quick and easy, but make sure you pay attention to the questions and answer those questions truthfully and completely.

All licenses renewed after June 30 will be automatically assessed a 10% late renewal fee for each month or part of a month the renewal is late. While KRS 322.160 allows an individual to renew his or her license for up to a year after it expires, that licensee is not allowed to practice engineering or land surveying while the license is expired.

Each licensee is responsible for notifying the board of any address change, and is responsible for renewing his or her license on time.

CALENDAR OF EVENTS 2022

07 JULY

7/28: Board Committee Meetings | Frankfort
7/29: Board of Licensure Meeting | Frankfort

08 AUGUST

8/23-26: NCEES Annual Meeting | Carlsbad, CA

10 OCTOBER

10/21-22: NCEES Exam Administration (Structural)
10/27: Board Committee Meetings | Frankfort
10/28: Board of Licensure Meeting | Frankfort

Enforcement Actions Summary

January 1 – March 31, 2022

Heather L. Baldwin, PE, PLS, Director of Enforcement

UNLICENSED PRACTICE

WILLIAM A. GRISWOLD, JR.

William A. Griswold, Jr. was licensed as a Kentucky Professional Engineer (PE), #22369, on January 29, 2002, but his license expired on June 30, 2015, and has not been renewed since that time. In July 2021, the Board of Licensure was notified that Griswold had provided engineering services for two Kentucky projects. One project, dated March 5, 2021, was prepared under the title of a business entity, Griswold Tower Software, and the other project, dated June 24, 2021, was prepared under the title of a business entity, Global Tech Solutions. Neither Griswold Tower Software nor Global Tech Solutions has ever held a business entity permit to provide engineering services in Kentucky. The deliverables for both of the projects were signed by Griswold and stamped with his expired Kentucky PE license. To resolve the Board's investigation, Griswold entered into an Agreed Order of Settlement and Injunction with the Board in which he is enjoined from offering or engaging in the practice of engineering in Kentucky, until and unless he becomes licensed by the Board as a Professional Engineer. Furthermore, he is enjoined from offering or engaging in the practice of engineering in Kentucky by or through any business entity or advertising that any such business entity is authorized to offer engineering services in Kentucky, unless or until that business entity obtains a valid business entity permit from the Board. Future violations may be subject to fines and/or periods of incarceration as provided in KRS 322.990. The Agreed Injunction was entered by Franklin Circuit Court on March 25, 2022.

DISCIPLINARY ACTIONS

LUCAS HATFIELD, JR., PE #8984 (EXPIRED), PLS #1924

In December 2017 and November 2019, the Board of Licensure received two separate written complaints against Lucas Hatfield, Jr., PE (expired), PLS. The Board investigated those complaints and found that the plats of survey that were the subject of those complaints had multiple technical violations of the Standards of Practice, 201 KAR 18:150. The investigation was expanded to include a review of five additional plats of survey, and those plats also contained numerous, and similar, violations of the Standards of Practice. In addition, a plat of survey prepared for the original complainant was certified by Hatfield during a time when his Professional Land Surveyor's (PLS) license was expired, in violation of KRS 322.020 and KRS 322.180 (15). The investigation also revealed that Hatfield was providing land surveying services through a business, Luke Hatfield Engineering Company, without a current business entity permit, a violation of KRS 322.060. The engineering and land surveying business entity permits for the company expired on December 31, 2013 and have not been renewed since that time. Hatfield entered into a Consent Decree with the Board wherein he acknowledged the violations and agreed to: (1) not perform engineering and land surveying services on behalf of Luke Hatfield Engineering Company, unless and until he is appropriately licensed individually, and the company holds the required business entity permit from the Board; (2) pay an administrative fine of \$2,500; (3) complete the online 60-hour Texas Tech engineering ethics course within a year; and (4) have his Professional Land Surveyor's license placed on probation for two years with quarterly project reviews. The Board of Licensure approved this Consent Decree on April 29, 2022.

DISCIPLINARY ACTIONS

WSP USA, INC.

Parsons, Brinckerhoff, Quade & Douglas, predecessor to WSP USA, Inc., was issued a Kentucky engineering business entity permit, #41, on March 2, 1993, and a Kentucky land surveying business entity permit, #393, on November 6, 2001. The company has operated as WSP USA, Inc. since July 27, 2017. Frank S. Slade, PE #15049, PLS #3042, who had been the only designated Professional Engineer (PE) and Professional Land Surveyor (PLS) in responsible charge on the company’s engineering and land surveying permits since 2011, unexpectedly passed away on August 11, 2021. The company failed to notify the Board of Licensure of the death of Slade, as required by KRS 322.060, and wrongfully renewed the company’s engineering permit and land surveying permit twice, on October 31, 2021, and November 16, 2021, using Slade’s PE and PLS license numbers as the designated responsible charge engineer and land surveyor. After the Board discovered that the company does not currently employ a Kentucky licensed land surveyor, the company’s land surveying permit, #393, was made inactive. Another employee of the company was designated as the responsible charge engineer for the company’s engineering permit, #41, after the investigation was initiated. Additionally, the investigation revealed that the Kentucky branch office had moved in 2011, but the company never notified the Board of the change in location of the branch office, in violation of KRS 322.060. WSP USA, Inc., through its President, Bernard P. McNeilly, acknowledged the violations and agreed to: (1) pay an administrative fine of \$2,000; (2) receive a Letter of Reprimand; (3) maintain a current and valid Kentucky engineering business entity permit during any time in which it is engaged in providing engineering services in Kentucky; (4) maintain a current and valid Kentucky land surveying business entity permit during any time in which it is engaged in providing land surveying services in Kentucky; and (5) inform the Board, in writing, within 14 calendar days, of any change in the status of the professional engineer(s) and land surveyor(s) designated by the company as being in responsible charge of the company’s engineering and land surveying services in Kentucky. The Board of Licensure approved this Consent Decree on April 29, 2022.

NON-DISCIPLINARY ACTIONS

Cases Closed with a Written Admonishment – 9

- PE - Admonishments for CPD violations – 4 (late renewal audits)
- PLS - Admonishments for CPD violations – 4 (2 late renewal audits, 2 self-reported)
- PE - Admonishment for other violations - 1

Cases Closed with No Action – 3

- PE - Opted to place license in “inactive” status in lieu of complying with a CPD audit - 1
- PE - Passed CPD audit – 1 (late renewal audit)
- PLS – Allegations not substantiated - 1

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Professional Development Events & Sessions

The mission of NSPE-KY is to promote the ethical, competent, and licensed practice of engineering, and to enhance the professional, social, and economic well-being of our members.

NSPE-KY's guiding principles include:

- Advocate for the application of engineering knowledge and skills
- Promote the highest standards of engineering education
- Influence public policy
- Foster society's understanding of the role of engineering
- Communicate the importance of engineering licensure
- Stimulate student interest in mathematics and science and encourage young people to enter the engineering profession
- Represent the interests of all engineering disciplines

1

SPRING DENDROLOGY & NATIVE TREE IDENTIFICATION | May 26

This four-hour program provides a basic overview of native Kentucky forest trees and how to recognize them in spring and summer. The program will be approximately 50% classroom study and 50% field investigations. The course provides four professional development hours.

2

ANNUAL CONVENTION | July 20-22

This year's NSPE-KY annual convention is at the Louisville Downtown Marriott. NSPE-KY is currently seeking sponsors and exhibitors, which exposes products or programs to members and associates from around Kentucky.

3

KENTUCKY ENGINEER'S GOLF CLASSIC | Sept. 14

The annual Kentucky Engineer's Golf Classic is held at the University Club of Kentucky in Lexington. All proceeds from the event benefits the Kentucky Engineering Foundation, helping make scholarships and events possible.

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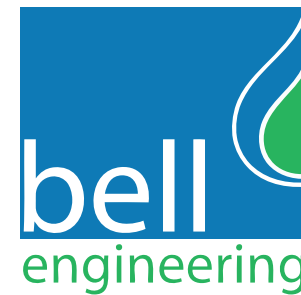
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In Memoriam

John Carroll Beyke, PE

John Carroll Beyke, 74, passed away April 27 at home after an extended battle with cancer.

John was born in Whitesville, Kentucky and proudly served in the U.S. Air Force during Vietnam.

John graduated from the University of Kentucky Engineering School and was a die-hard Wildcat fan. John's career as a civil engineer lasted for more than 38 years. He served four years as the city engineer of Louisville before joining Louisville MSD in 1985 as the chief engineer.

John spent 14 years at MSD, where he helped develop the GIS department. After retiring from MSD, John spent 11 years as a water resources engineer at FMSM/Stantec and finished his career as a senior engineer at Jacobi, Toombs and Lanz.

He was an active member and held office in multiple engineering associations including NSPE-KY, where he was president between 1987-88. Over John's engineering career he was a mentor to many young engineers, sharing his love for the profession.

John had a witty sense of humor and was a master joke-teller, perfecting the art of the "dad" joke.

Prior to his illness he enjoyed playing golf with friends, building outdoor furniture for family and expanding his bourbon collection.

John was a dedicated Christian and attended Sojourn Church in Jeffersontown since 2017. His strong faith that God had a plan for him was a source of strength during his fight with cancer. God's plan inspired him to document his cancer journey through a site called www.Dadjokesandcancer.org.

John was called to share his experience and testify to God's steadfast love and promise of eternal life for those who believe and trust in him. This was a great comfort to him in the last year of his life.

He was preceded in death by his parents, John H. and Anna Maria Beyke and four brothers, Dwight, Kenny, Dan and Maurice Beyke.

He is survived by his wife of almost 40 years, Kathie Williams Beyke; brother Mark Beyke (Mindy) and sister Linda Major; six children, Angela Mills (Bill), Jon Beyke (Tonya), Michelle Weikel (Rick), Stephanie Bernauer (Keith), Kim Desmond (Travis), and Brian Beyke (Kristen); 29 grandchildren and 7 great-grandchildren; numerous nieces and nephews and a host of family and friends especially the USAF Veteran brotherhood of Vietnamese linguists.

While on his journey through illness, John reflected often on his life and accomplishments and sought to reevaluate his priorities in his final months. He asked those he loved to find balance in life by making the conscious decision to place family and faith first at all times.

“John was a great mentor to many, including me. I am forever grateful for his leadership in our profession.”

– STEPHEN SCOTT, PE



“John was what KSPE was all about. John showed me what professionalism and giving back to the community was all about.”

– BARRY J. BURKE, PE, PLS, MASCE



THE UNIVERSITY OF KENTUCKY HAS LAUNCHED A NEW DEPARTMENT OF ENGINEERING TECHNOLOGY IN PARTNERSHIP WITH BCTC

Given advancements in technology, society is calling upon engineers to solve the world's most complex problems.

Thanks to a unique partnership between the College of Engineering at UK and the Bluegrass Community and Technical College, that call is being answered by a new Department of Engineering Technology.

Graduates of this program will be trained in the latest technologies and equipped with the practical skills and hands-on experience necessary for thriving in advanced technology industries through two four-year undergraduate degrees in lean systems engineering technology and computer engineering technology.

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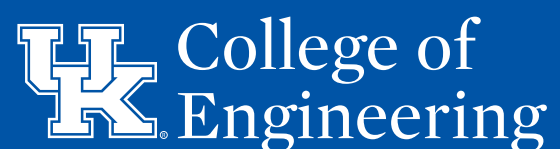
The BS in Lean Systems Engineering Technology is a unique program that gives students the skills to improve quality output, streamline processes and reduce waste.

> BACHELOR OF SCIENCE IN COMPUTER ENGINEERING TECHNOLOGY

The BS in Computer Engineering Technology provides in-depth knowledge of hardware and software design, development and maintenance. The curriculum is based on a solid foundation of intensive classroom and laboratory experiences.

Engineering Technology students spend their first years earning their AAS degree at BCTC before working toward their BS degree at UK's main campus.

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KENTUCKY MATHCOUNTS®

This year, more than 850 middle school students from more than 100 schools across the Commonwealth competed in the Kentucky MATHCOUNTS Chapter competitions.

MATHCOUNTS is a middle school math (sixth, seventh and eighth grades) education program made possible by the Kentucky Engineering Foundation, Inc. (KEF), a 501(c)(3) nonprofit, tax-exempt corporation produced in conjunction with the Kentucky Society of Professional Engineers (NSPE-KY).

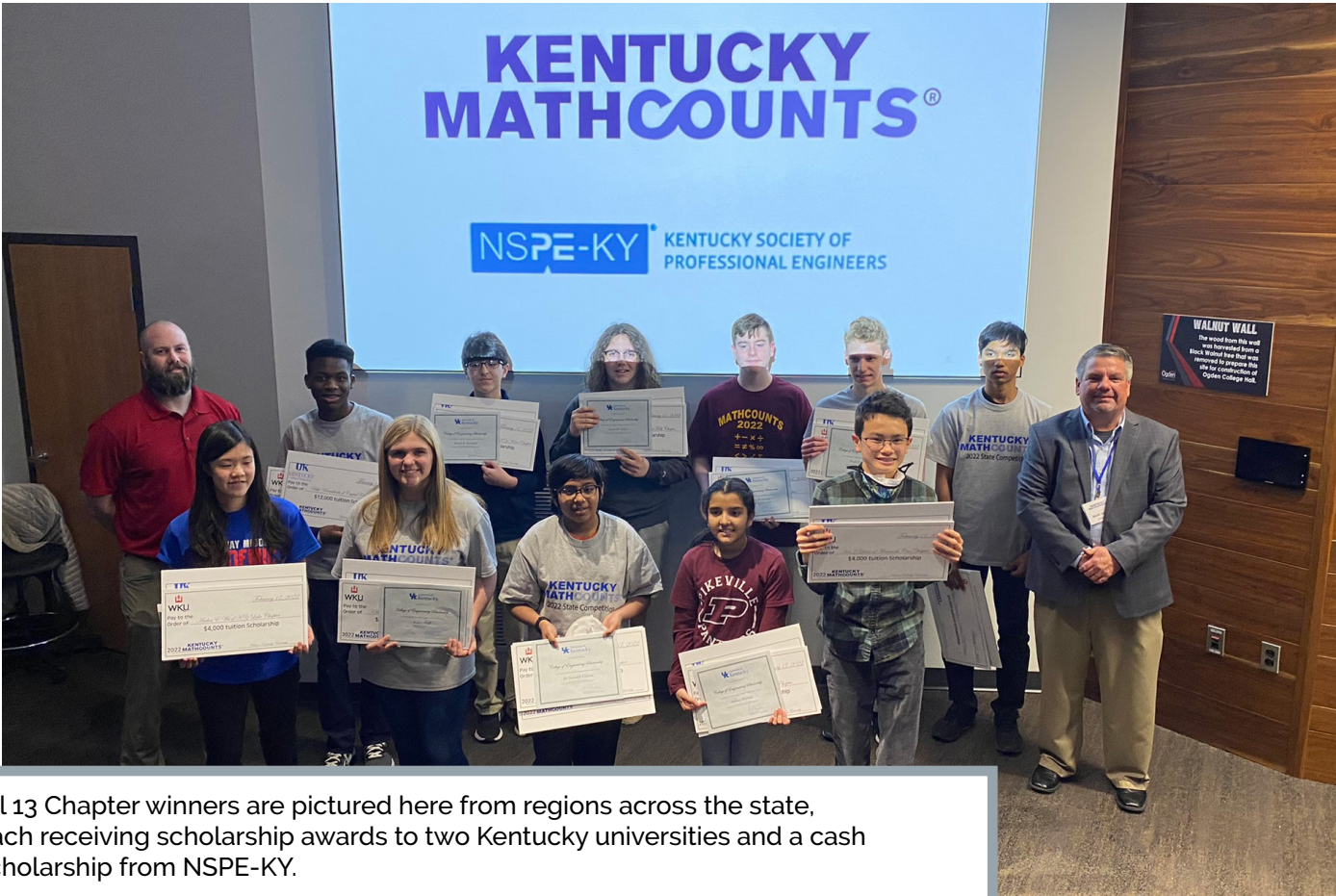
With this program, engineers aim to show students how important leadership and problem-solving skills are to their future academic and professional careers. Students compete individually and as teams in

written and fast-paced, oral, and often awe-inspiring matches designed to stimulate their exposure to a wide range of mathematics.

In 13 regional locations, 13 first place individual finishers were awarded a four-year tuition scholarship to the University of Kentucky, a four-year \$1,000 scholarship to Western Kentucky University and a \$500 scholarship from NSPE-KY

These individuals, along with several others, advanced to the state competition held in March 2022 at Western Kentucky University. The following Mathletes listed on page 17 were recognized as the 2022 Kentucky State MATHCOUNTS individual winners.

2022 Kentucky MATHCOUNTS Chapter Winners



All 13 Chapter winners are pictured here from regions across the state, each receiving scholarship awards to two Kentucky universities and a cash scholarship from NSPE-KY.

2022 First Place Kentucky MATHCOUNTS Chapter Invitational Winners

Brennan Groves Ashland Chapter	Samuel Henderson Green River Chapter	Brock Randlett My Old Kentucky Home Chapter
Anikaa Sharma Big Sandy Chapter	Amber Wu Kentucky Lake Chapter	Aryan Chinthala Northern Kentucky Chapter
Noah Vittitoe Bluegrass Chapter	Kelsie Huff Kentucky River Chapter	Sayed Damaa Pine Mountain Chapter
Usifo Unuakhalu Capital Chapter	Sri Sumukh Vulava Louisville Chapter	
Jacob Culler Cumberland Falls Chapter	Ian Gibson Mammoth Cave Chapter	

2022 Top 10 State Finalists

Samuel Henderson Davidson Academy Online Henderson	Sri Sumukh Vulava Meyzeek Middle School Louisville	Bryan O'Toole Meyzeek Middle School Louisville
Samuel Kingston Meyzeek Middle School- Louisville	William Huang Meyzeek Middle School Louisville	Ayan Ansary Meyzeek Middle School Louisville
Ethan Tang Kentucky Country Day School Louisville	Manas Garla Bondurant Middle School Frankfort	
Michael Chen Meyzeek Middle School Louisville	Amber Wu Calloway County Middle School Murray	

The top four state-level ranking Mathletes receive a four-year, full tuition scholarship to their choice of institution – the University of Kentucky or University of Louisville. Individuals ranking fifth through tenth place receive a four-year, \$1,500 tuition scholarship to the University of Louisville.

MATHCOUNTS represents NSPE-KY’s ongoing commitment of fostering the next generation of young professional engineers and leaders.

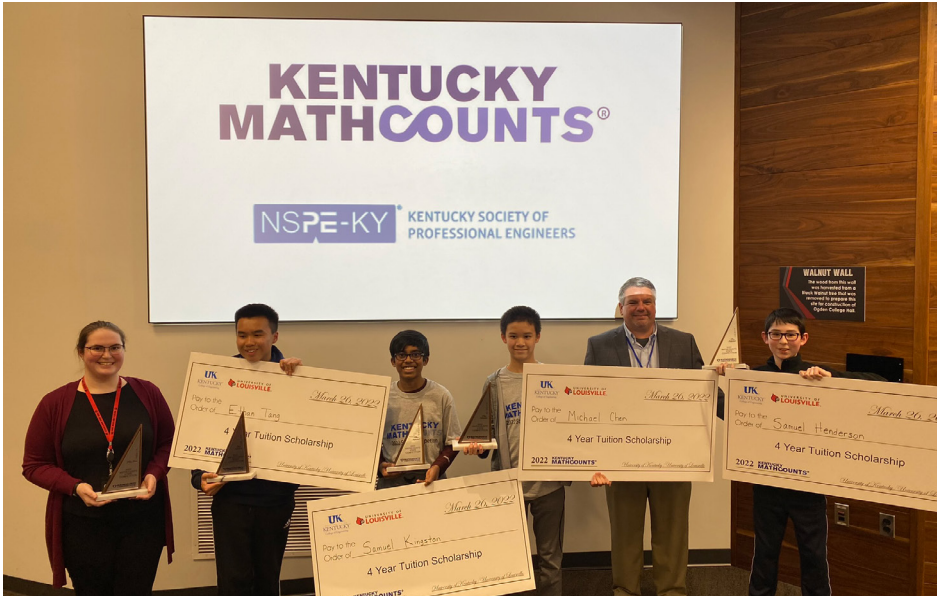
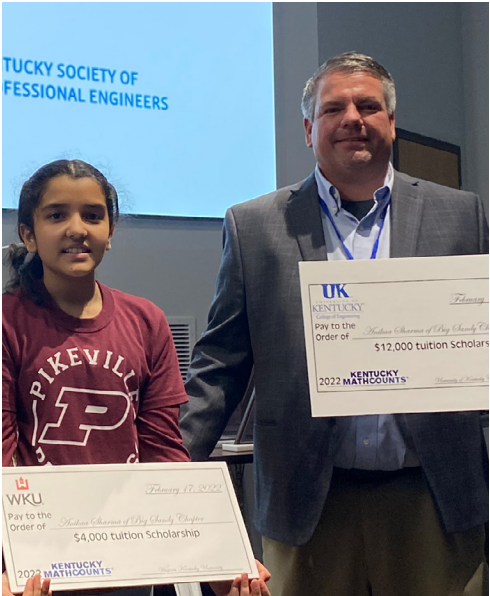
The program was founded in 1983 by the National Society of Professional Engineers, CNA Insurance Company and the National Council of Teachers of Mathematics and is celebrating its 39th year. It is estimated that over 250,000 students nationally and 9,000 students in the Commonwealth of Kentucky will be exposed to MATHCOUNTS through the classroom, home study or private coaching experiences.

The Kentucky MATHCOUNTS program would not be possible without its supporters, including

the University of Kentucky, University of Louisville, Western Kentucky University, Toyota Motor Manufacturing, Kentucky, Inc., The Society of American Military Engineers (SAME), Zoeller Company, Duke Energy, Lochmueller Group, Owensboro Municipal Utilities, Porter Paints and Staggs & Fisher Consulting Engineers, Inc., and several individual donors.

Kentucky’s MATHCOUNTS program is one of the most successful in the United States with several top ten success stories, including having the 1995 National Champion and placing ninth overall in 2000 and 2007. The program succeeds by making math achievement challenging, exciting and important as a school sport.

To learn more about the MATHCOUNTS program, visit www.kentuckymathcounts.org or www.mathcounts.org.



Pictured above is first place winner, Samuel Henderson of the Green River Chapter. Henderson attends Davidson Academy Online and received a four-year tuition scholarship to the University of Kentucky or University of Louisville.

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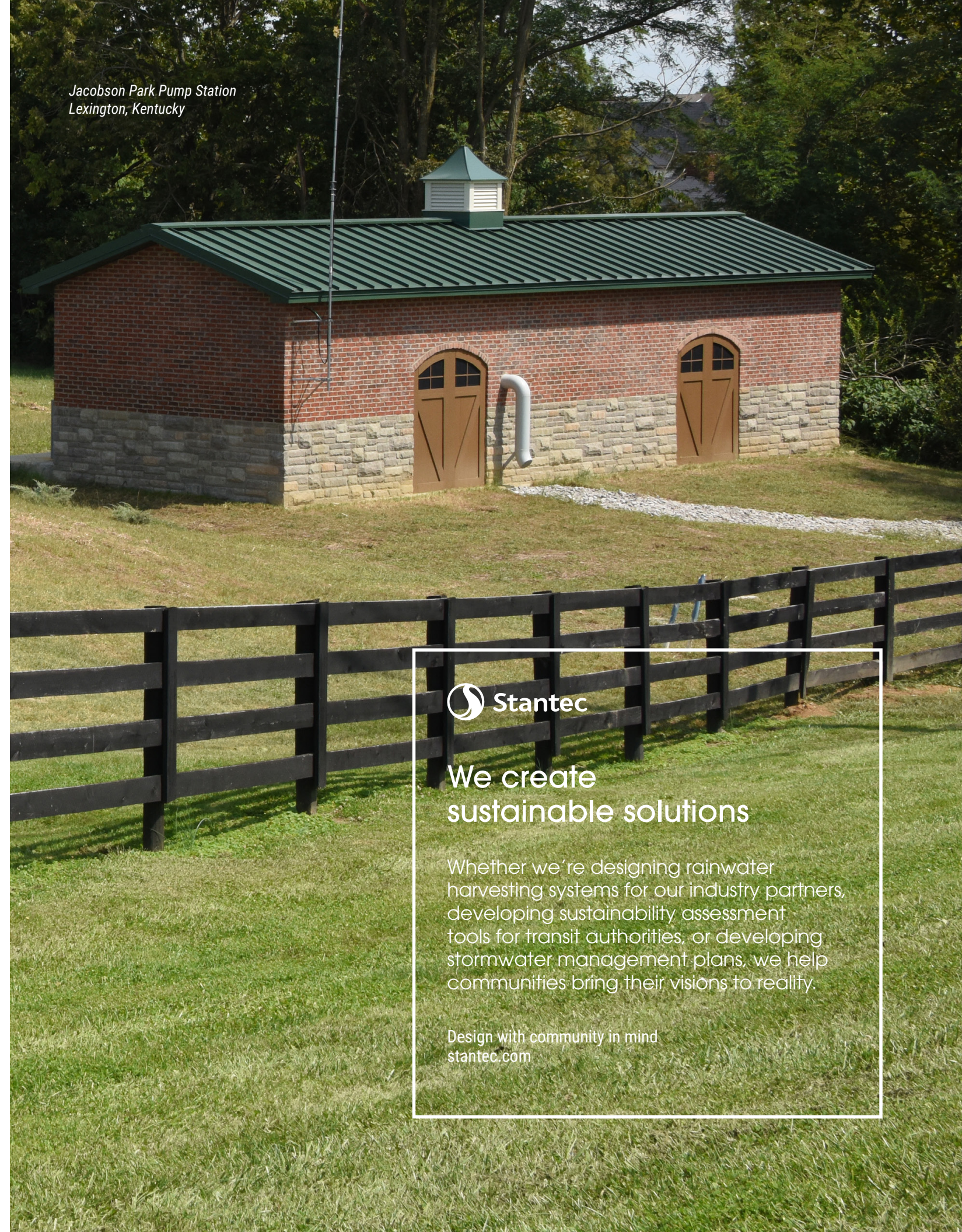
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In Memoriam

Arthur "Art" Curtis, PE

Arthur "Art" S. Curtis Jr., 88, passed away peacefully at home while surrounded by his loving family April 17.

Art was born in Jackson, Kentucky to the late Arthur and Lorna (Bach) Curtis on August 5, 1933. He grew up in Paducah, Kentucky where he graduated from Paducah Tilghman High School.

For Art, engineering was a natural calling.

His father was an engineering graduate and always promoted civil engineering. To no surprise, Art graduated from the University of Kentucky with a civil engineering degree in 1957.

After graduating, he got his first job as a student intern at J. Stephen Watkins. J. Stephen Watkins was NSPE-KY's first president and was the person who encouraged Art to get his engineering license.

Art went on to encourage many others to do the same throughout his career. He served as a mentor for younger professionals and colleagues, instilling in them his work ethic and commitment.

“From pushing me to get involved early in organizations like NSPE-KY to the technical and interpersonal skills he taught, Art was very influential in my career. He was a true example of how a professional engineer can be a servant leader.”

— RON LOVAN, NORTHERN KENTUCKY WATER DISTRICT
PRESIDENT AND CEO

Art had a lengthy career in engineering, working for more than 40 years for the Kentucky Highway Department, Watkins, Clay Pipe Institute, PEH Engineers and Kentucky Department of



Environmental Protection. He won the Engineer's Hall of Fame Award in 1998 for his service and commitment to the public health, safety and welfare of others.

He participated in many organizations to further the profession, including serving as NSPE-KY president from 1976-77.

Art first joined NSPE-KY in 1962 and participated in nearly every Kentucky Engineer's Golf Classic. He served on several boards and committees, including the Kentucky Engineering Foundation Board, Building Committee and Constitution and Bylaws Committee.

Before he passed, Art said in an interview his biggest accomplishment at NSPE-KY was being part of the committee that helped build the Kentucky Engineering Center, which houses the statewide professional engineering organizations (NSPE-KY, ACEC-KY, Kentucky Engineering Foundation).

While Art was an officer of NSPE-KY, his team planted the seed of creating a building that would essentially "house" the professional licensure.

The NSPE regional offices said the Kentucky chapter was too small at the time, but they persevered. In 1975, the Kentucky Engineering Center was built while Art was a board member at NSPE-KY.

Art was the only Building Committee Chair ever and continued in that role until his passing.

The building is still in use today and has recently completed major renovations under Art's supervision.

“Art was one of a kind – he was an immeasurable force for Kentucky's engineering profession. He was always ready to be of service when needed, displaying a servant's heart and engineer's mind.”

— GEORGE BINDER, FORMER KEC EXECUTIVE DIRECTOR

In addition to NSPE-KY, Art was actively involved in the American Waterworks Association, Water Environment Federation, American Society of Civil Engineers and American Public Works Association.

He volunteered for Habitat for Humanity for more than 23 years, building houses for those in need. Through this work, he restored houses after natural disasters across the country and assisted in building 27 Habitat houses in Lexington.

Residential construction was always a hobby



for him. In fact, he continued flipping houses until he passed. In addition to construction and development, Art loved music, cars and spending time with family and friends.

While at UK, Art met Jane Vilseck, who he later married on June 24, 1961. They celebrated 41 happy years of marriage until her passing in 2002. He was a devoted husband, father, grandfather and friend to everyone he met.

Left to cherish his memory are his daughters, Lorann/Lori Curtis (Elizabeth Barnes) and Karen (Chip) Hill; and his grandchildren, Caroline, Katherine, and Chris Hill; and countless friends and colleagues who loved him deeply. In addition to his parents and wife, his brother, James Curtis, preceded him in death.

An engineering scholarship is being set up in his name. Donations for the scholarship fund may be sent to the Kentucky Engineering Foundation with a note indicating "in memory of Art Curtis, Jr." You can also make a donation by visiting this [link](#).

Another way to honor Art would be to follow his example of living a servant's life and perform a good deed for someone else.



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