

first

THE MAGAZINE
OF CARROLL UNIVERSITY
SPRING 2020

**Farewell to Pioneer
P.E. MacAllister '40**

Where Art Meets Science

Biology major
Benyapa Khowpinitchai
discovers artful balance



Not Just Another Phage

Waging war on killer bacteria in a Carroll biology lab

Timeless

Photographer Brian Redmond captured Main Hall looking brilliant in morning sunlight in early January, a scene familiar to generations of Pioneers.



first

FIRST Magazine tells the stories of pioneers, of Wisconsin's first university and of the resolute, creative and fearless men and women who push it forward—the alumni, students, faculty and staff of Carroll University—through truly pioneering content and design.

Carroll University is Wisconsin's first four-year institution of higher learning. This independent, co-educational comprehensive university is grounded in the Presbyterian heritage and liberal arts tradition. The Office of Marketing and Communications publishes FIRST for alumni, faculty, staff, students and friends of the university. The opinions expressed do not necessarily represent the opinions of the editors or the official policies of Carroll University. We welcome your comments to editor@carrollu.edu

EDITORIAL STAFF

Jeannine Sherman
Vice President
of Marketing and
Communications

Malcolm
McDowell Woods
Editor

ART DIRECTION AND DESIGN

Bryce M. Ulmer

PHOTOGRAPHY

Brian Redmond
Chris Smith

COMMENTS

editor@carrollu.edu

CLASS NOTES

alumni@carrollu.edu

MAIL

Office of
Marketing and
Communications
100 N. East Avenue
Waukesha, WI 53186

UNIVERSITY CONTACTS

General
1.800.CARROLL
carrollu.edu

Alumni Engagement
262.524.7237

Institutional
Advancement
262.524.7234

Undergraduate
Admission
262.524.7220

Graduate Admission
262.524.7220

Athletics
262.650.4847

Box Office
262.524.7633

Center for
Graduate Studies
262.951.3253

Todd Wehr
Memorial Library
262.524.7175



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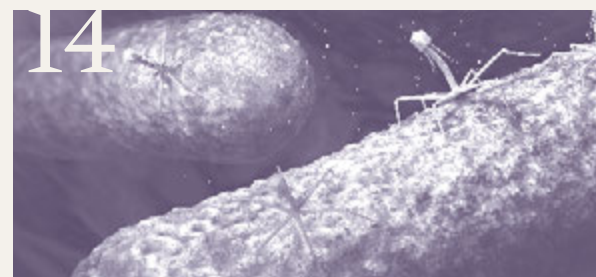
Biology major Benyapa Khowpinitchai discovers an artful balance.

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PRESIDENT'S MESSAGE

The New Year moved us ever closer to an exciting anniversary for Carroll University. The 2020-21 academic year will mark our 175th anniversary.

We've already begun the countdown, planning numerous ways to celebrate our history and build upon our legacy as a true Wisconsin pioneer. Milestone anniversaries are significant and useful in that they require us to focus anew on our progress toward realizing our mission. They serve as an occasion to reexamine the yearning that inspired this institution's creation and offer an opportunity to measure our work.

Most of the work at this institution, of course, is ongoing and incremental. In classrooms, laboratories and offices across our campus and the nearby Center for Graduate Studies, people work tirelessly to push the bounds of knowledge and to better the human condition. Sometimes those efforts are monumental, such as in the creation of new undergraduate or graduate programs, tailored to meet the needs of today's students and employers. Other times they are smaller, human-scale interactions, such as a professor and student collaborating on an ambitious research project.

Our ongoing commitment to Carroll's vision is underscored by the Carroll Ethos and its declaration of respect, integrity and stewardship. By the simplest acts of how we treat one another to the larger ways by which we endeavor to create a place that is welcoming and inclusive, we continuously honor the ideals and dreams of our founders.

You'll find numerous stories of Pioneers in this issue of FIRST, individuals who inspire us, who move us and who challenge us to do better. We'll meet an undergraduate biology student investigating the issue of multidrug-resistant bacteria, an alumnus pushing his own body to compete in a grueling cross-country skiing marathon for the 33rd time, and a remarkable 15-year-old embarking on his own Pioneer journey. Meeting their challenge is the best way we can honor our legacy; modeling our own work after their example is the best way we can build upon it.

Next year's anniversary will offer us numerous opportunities to acknowledge our rich heritage and to communicate our vision for the future, but we should bear in mind that the Pioneer story is ongoing—and that new chapters are being written by remarkable people every day.



1846 Forward,

Cindy Gnadinger
President

On the Cover | An artist's rendering of a bacteriophage, a type of virus that attacks and kills bacteria. Read our article about a research project involving phages on page 14.

GAME ON

ESPORTS COMING IN FALL

Carroll University will offer both recreational and competitive esports opportunities in its new dedicated gaming facility, the Carroll Esports Center, opening this fall.

The center will be the hub for all things esports on campus, filled with state-of-the-art gaming PCs and gaming consoles—all available for recreational use by students. The space, to be located in the Campus Center, will offer a library of both PC and console games for students to check out and play.

“The Carroll Esports Center will be a place for students of all different majors and backgrounds who are interested in playing a certain game competitively or those who are interested in building a community around video game competition,” said Joe Loomis, Carroll’s first esports head coach.

“Intramural leagues and tournaments will allow students to test and hone their skills in an exciting, supportive environment, and they can potentially make their way to our competitive club team,” Loomis said.

The competitive team will receive dedicated coaching, analysis and support, will belong to the National Association of Collegiate Esports (NACE) and will play regularly in the Collegiate StarLeague and Tespa leagues.

Loomis, who also is an area director for the Office of Residence Life, will oversee day-to-day administration of the program’s recruiting and the hiring of analysts for competitive games. He will also oversee the Carroll Esports Center and recreational esports leagues.

According to NACE, established in July 2016, the number of collegiate esports programs is growing at a rapid pace, with more than 170 schools offering esports. In June, over 94% of all varsity esports programs in the U.S. were members of NACE and many more schools are exploring such programs.



What is esports?

Esports is a form of sport competition using video games. Esports often takes the form of organized, multiplayer video game competitions, particularly between professional players, individually or as teams.

Carroll esports will play:

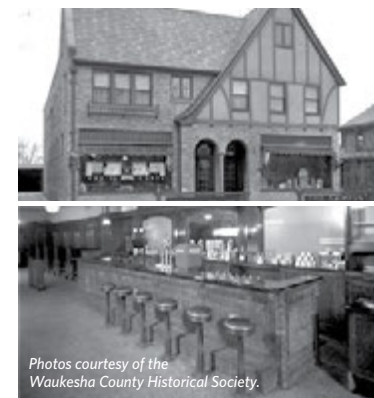
- *Overwatch*
- *Madden*
- *Rocket League*
- *Super Smash Brothers*

The National Associate of Collegiate Esports (NACE) boasts:

- *170+ partner schools*
- *More than 5,000 student-athletes*

BUILDING ACQUISITION

'THE PHARM' IS BACK IN THE FOLD



Photos courtesy of the Waukesha County Historical Society.

The building at 304 N. East Avenue, most recently home to a store and coffee shop selling antiques and books, has been purchased by Carroll. Plans for its future are still to be determined.

The building was added to the McCall Street Historic District in 1993. From 1934-1938, it was home to the school’s pharmacy, and contained the requisite drugstore soda fountain. Affectionately known as “The Pharm,” it was a much-loved gathering space for Carroll students and faculty.

The building had suffered some structural damage during the strong storm that swept through the neighborhood this past summer, hastening the sale, according to the building’s previous owners.

GOOD BEHAVIOR

ANIMAL BEHAVIOR PROGRAM RANKED

Carroll’s animal behavior program has been placed in the top 10 in the United States. The website Universities.com ranked Carroll’s program eighth for the 2019 academic year. The degree prepares students for careers that include zookeeper, animal trainer, wildlife biologist, researcher, wildlife rehabilitator or laboratory manager.

WELCOME

DR. AKBARI TO LEAD SCHOOL OF BUSINESS

Hamid Akbari, Ph.D., began his tenure as dean of the School of Business on Jan. 27.



AKBARI

“Dr. Akbari brings to this role years of experience, not only as a dean, but as an engaged partner with business. Both the search committee and I are excited by his deep expertise, energy and creative thinking and know he will lead our School of Business to exceptional heights,” said President Cindy Gnadinger.

Provost Mark Blegen said: “Dr. Akbari is passionate about business education. His knowledge on accreditation and his gift of collaboration with external constituents will create wonderful opportunities for our students to immerse themselves in cutting-edge environments.”

Akbari said he was looking forward to joining Wisconsin’s first four-year institution of higher learning. “Carroll University is a pioneer university with a rich tradition, excellent academic standing, and an empowering and inclusive set of values.”

Akbari served as the dean of the College of Business and professor of management at Winona State University since 2014. Under his leadership, the college was re-accredited by the Association to Advance Collegiate Schools of Business (AACSB).

He received his Ph.D. from The Ohio State University’s Fisher College of Business in 1988, and received an MBA and M.A. in political science from the University of Toledo.



Join us for our Annual National Service Project, April 1-30, 2020!

Our 2019 efforts resulted in:

58,200
MEALS COLLECTED

525
PARTICIPANTS FROM AROUND THE COUNTRY

\$1,818
RAISED BY STUDENT MEAL SWIPE DONATIONS

\$2,335
RAISED THROUGH FEEDING AMERICA’S MOBILECAUSE

139
VOLUNTEER HOURS SERVED IN WAUKESHA AND MILWAUKEE



Thank You for Your Support of Current Scholarships on Giving Tuesday 2019!

\$70k
RAISED ON JUST ONE DAY—TUESDAY, DEC. 3

141
TOTAL DONORS INCLUDING ALUMNI, STAFF, PARENTS AND FRIENDS

FIRST YEAR FOR YERSIN SCHOLARS PROGRAM

LEGACY IN THE MAKING



The late William “Billy” Yersin graduated from Carroll in 1963 with a degree in business administration and promptly joined the U.S. Air Force, where he spent his career. Now, two years following his death, the gift he bequeathed to the university is helping dozens of Carroll business students soar.



YERSIN

Yersin’s \$5.5 million gift to Carroll University—the largest individual gift in Carroll’s history—will fund the Yersin Scholars program, providing aid and other support to undergraduates enrolled in the School of Business. It will also create an endowed faculty position.

Julio C. Rivera has been named the William B. Yersin Professor of Applied Business Analytics. He said the impact of the Yersin Scholars program extends far beyond the financial aid. “What we hope to create through the scholars program, more than anything else, is a community of undergraduate scholars.”

Rivera and Katie McCarthy, an assistant professor of applied business analytics and Yersin Fellow, say the program offers networking events, social opportunities and faculty support for participating students. In this, the program’s first year, there are 45 Yersin Scholars.

“The Yersin Scholars program will create a professional network for these students and develop a support system for them here at Carroll,” said McCarthy. That network will grow as each incoming class adds new Yersin Scholars—Rivera anticipates 120-140 students once the program is fully enrolled.

“Yersin’s gift creates an amazing legacy here at Carroll,” said McCarthy. “And the legacy will just keep growing because of this gift.”

👉 CREATE YOUR OWN LEGACY

Learn how you can create a meaningful legacy at Carroll University and benefit both the university and your loved ones. With thoughtful planning, you can create win-win solutions for both you and Carroll. For more information, contact the Office of Planned Giving. Call 262.524.7241 or email Jill Holthaus at jholthau@carrollu.edu

NEURODIAGNOSTIC TECHNOLOGY DEGREE

Rare Offering

In the fall of 2020, Carroll University will be one of only three programs in the nation to offer a Bachelor of Science Degree in Neurodiagnostic Technology (NDT).

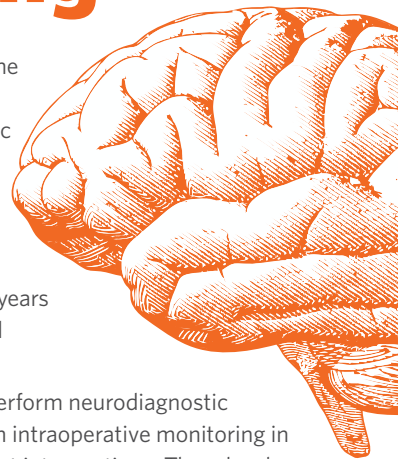
The program will be offered in partnership with Advocate Aurora Health Care. Students will complete foundational prerequisite courses and the Pioneer Core at Carroll, followed by two years of hands-on courses at Aurora St. Luke's Medical Center in Milwaukee.

NDT professionals obtain medical histories, perform neurodiagnostic procedures, record electrical potentials, perform intraoperative monitoring in surgical situations and perform related treatment interventions. They develop rapport with patients during procedures, which can last from 20 minutes for a single nerve conduction study, to eight hours for a sleep study, to multiple-day admission for long-term monitoring.

The Carroll/Advocate Aurora NDT program will prepare individuals to take three of five professional exams. Currently less than 1% of NDT professionals nationwide hold three registrations and a bachelor's degree in NDT. Because neurodiagnostic credentialing and accreditations are international, graduates are eligible for positions across the country, as well as internationally.

According to ASET, the Neurodiagnostic Society, there is a significant nationwide shortage of highly skilled neurodiagnostic technologists, and not enough formal education programs to address this shortage. The Bureau of Labor and Statistics predicts 33,100 job openings over a 10-year period that began in 2014, and the O-Net Database says it has projected growth of 22% or higher.

Carroll University, in partnership with Advocate Aurora Health Care, is currently seeking Commission on Accreditation of Allied Health Education Programs (CAAHEP) accreditation for the BS in neurodiagnostic technology (NDT) program.



WOMEN'S GOLF NEW HEAD COACH

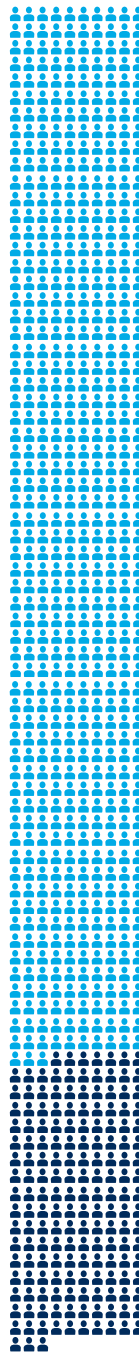
Emily Ho has been named the new head women's golf coach. Ho graduated from UW-Milwaukee with a bachelor's degree in marketing in 2018. Ho was a member of Waukesha South High School girls' golf program and was a scholar athlete at the school in 2014.

AWARDED FIRST FOR FIRST

FIRST magazine has been awarded a Platinum Award in the 2019 MarCom Awards for print media. The international competition is administered by the Association of Marketing and Communication Professionals and attracts upwards of 6,000 entrants from across the globe. Platinum is the top honor.

In fall 2019, CU welcomed its second-largest incoming class ever!

793
TOTAL STUDENTS



170
NURSING MAJORS

BOARD OF TRUSTEES CARTER HONORED

Dorval R. Carter Jr. '79, chair of the Carroll board of trustees and president of the Chicago Transit



CARTER

Authority, was honored with the 2019 Motorola Solutions Foundation Excellence in Public Service Award by The Civic Federation.

Carter has more than 30 years of experience in public service at the local and federal level. In his current role, he is responsible for the nation's second-largest transit agency, which provides approximately 1.5 million rides on an average weekday and serves Chicago and 35 suburbs.

The Civic Federation is an organization that conducts research and reports on governmental budgetary matters in Illinois.

Carter earned a B.S. in business administration and economics at Carroll.

ATHLETICS MAKE IT OFFICIAL

Michael Schulist was named Carroll's athletic director in mid-December. In his role as Carroll's interim athletic director, Michael successfully managed Carroll's 22 DIII athletic programs and ensured compliance with all NCAA, CCIW and Title IX regulations.



SCHULIST

During Schulist's 12-year tenure with Carroll athletics, he has managed Carroll's athletic facilities, student employees, sports information and game management. He has also worked with the Office of Institutional Advancement to raise funds for athletics.



Diversity, Equity and Inclusion Support Expands Presence

A new department at Carroll is coordinating the university's efforts to create a welcoming and inclusive campus and foster meaningful interactions between people of diverse cultures, social identities, perspective and experiences.

The new Office of Diversity, Equity and Inclusion houses Carroll's Pre-College Programs, the Office of Global Education and the Office of Multicultural Affairs, according to associate dean Vanessa (Pérez) Topczewski.

➤ **Global Education** offers immigration and cultural support for F-1 international students through globally focused programming to ensure a holistic university experience, including student orientation, off-campus employment workshops and student advising. International Student Services and Cross-Cultural Experience are both within the Office of Global Education.

➤ **Multicultural Affairs** provides services that promote the success of our diverse student body and programs designed to enrich students' intellectual, ethical and cultural development, including Pioneer Summer Bridge, mentoring, campus and community resources, workshops and heritage celebrations.

➤ **Pre-College Programs** provide middle and high school students an opportunity to learn about careers, explore university life and gain academic, social and life skills that will help them succeed in a college setting.

"I'm proud of the space we have on campus," Topczewski said of the expanded space DEI relocated to over the summer on the first floor of Kilgour Hall. "Our office now offers an open and cozy student lounge area with couches, tables, a fridge to keep your food cold, a microwave to warm it back up and some pretty cool people to hang out with.

"The college experience is important," she said. "We take pride in providing assistance, resources and support along the way."

OPENING DOORS EVENT CELEBRATES FIRST-GENERATION STUDENTS

This past November, Carroll joined other universities across the country to mark the 54th anniversary of the 1965 Higher Education Act (HEA), which has helped millions of first-generation, low-income/under-resourced students persist to degree completion. Recognizing first-generation college students resonates with Carroll University President Cindy Gnadinger, herself a first-generation student.

"I was motivated to be the first in my family to attend college because I dreamed of becoming a teacher from the time I started school as a child," said Gnadinger. "My best advice to other first-generation students is to understand that college has its ups and downs but you can get through it, so never give up. Many of us had our own moments where we felt we couldn't get through the challenges. If you feel that way, take it day by day and don't hesitate to ask for assistance if you need it. There are many people ready and willing to assist you. You are not alone on this journey!"

To celebrate the day, Carroll highlighted several first-generation students, both among current students and faculty and staff.

Ángela Campos '22

"My parents motivated me to attend college since I was young. My parents were only able to attend school to the secondary level as they had to take care of their family from a young age. They have always worked hard for myself and siblings to provide us the opportunities and schooling they were never able to obtain. They have always told us college was a privilege. My parents have always told us that no matter what, education is the one thing that nobody can take away. They are the reason I work so hard. I cannot wait for the day when I am able to walk across the graduation stage and make their dreams come true."

Jennaca Zaccaria '23

"Growing up I saw how hard my parents worked to make sure we always had food on the table and a place to keep us warm and dry, which I am forever grateful for. But always wished I could make it easier. My mom often talks about how she has lived a life she is proud of, but her one regret is not going to college. After I finish my undergrad, I plan on attending grad school to pursue a master's degree in library and information science."

For more profiles, visit:

carrollu.edu/articles/social/2019/11/first-generation



SAVE THE DATE!

Homecoming & Reunion Weekend: Oct. 8-11, 2020

Classes celebrating milestone reunions in 2020 include:

- 1945 • 1965 • 1985 • 2005
- 1950 • 1970 • 1990 • 2010
- 1955 • 1975 • 1995 • 2015
- 1960 • 1980 • 2000 • 2020

Find more information at carrollu.edu/homecoming

FOOTBALL

GREENFIELD NATIVE TO COACH PIOS

It's a homecoming of sorts for Mike Budziszewski, named in January as the 30th head football coach.

"After an extensive national search, I'm thrilled to welcome coach Budziszewski as our next head football coach," said Michael Schulist, director of athletics. "Coach Budziszewski's past success in the CCIW and extensive recruiting knowledge in the Midwest made him an ideal candidate, and an excellent fit to not only the football program, but our entire university."

Budziszewski's previous position was at Millikin University as the assistant head coach and offensive coordinator. During his tenure at the College Conference of Illinois and Wisconsin (CCIW) school, the team's offense became one of the strongest in the conference, and was a top five offense this past season. In his three years, Budziszewski's teams set over 19 school and CCIW records in pass completions, pass attempts, passing touchdowns, passing yards and receiving touchdowns.

Budziszewski's experience extends into the NAIA at Presentation College in South Dakota as the assistant head coach and offensive coordinator. In 2016, Budziszewski was a finalist for the American Football Coaches Association (AFCA) Assistant Coach of the Year, in the same year Presentation had a 7-3 overall record. The school ranked in the top 25 in NAIA Division I in pass efficiency and scoring offense per game.

A native of Greenfield, Budziszewski earned his Bachelor of Science in Education at UW-Oshkosh where he played quarterback. He received his Master of Science in Educational Leadership from Winona State University.

CONGRATS

PROF NAMED PA OF THE YEAR

The Wisconsin Academy of Physician Assistants (WAPA) named A. Miranda Spindt, Carroll University clinical assistant professor and clinical coordinator of physician assistant studies, its PA of the Year at the



SPINDT

2019 Great Midwestern Medical Conference in October.

Spindt joined the Carroll University faculty in August 2018 after 23 years of clinical practice in family medicine. She now practices as a volunteer provider in Waukesha for St. Joseph's Medical Clinic, the state's oldest free clinic and university partner.

Spindt said her passion is mission medicine, which she's fulfilled by coordinating medical missions to Paita, Peru, for the last six years. There, the team treats acute and chronic illnesses, as well as provides podiatric and chiropractic care, an eye clinic, a deworming clinic and patient education in wellness, hygiene and water safety. The team serves an average of 700 patients while on mission.

RANKINGS

NURSING PROGRAM BEST IN STATE

Carroll's bachelor of science in nursing program has been ranked first in the state by RNCareers.org.

The website rigorously evaluated 1,892 RN programs on a number of factors important to nursing students, including first-time NCLEX passing rates, faculty strength, accreditation, program offerings and more. RNCareers.org is led by a team of nurse educators, nurse practitioners, RNs and LPNs.

THE REV. ELIZABETH McCORD
FOR CHRIST AND LEARNING

For Christ and Learning is the English translation of "Christo et Litteris," Carroll University's motto

On the Wisdom of Memories

"I am reminded of your sincere faith, a faith that lived first in your grandmother Lois and your mother Eunice and now, I am sure, lives in you."

—2 Timothy 1:5

It's funny how memories of our past can suddenly interrupt our present. I recently picked up an Andes Chocolate Mint from a bowl on a colleague's desk. The crisp chocolate took me back to my childhood, visiting my grandparents in South Carolina. I loved when we went for oyster roasts.



THE REV. McCORD

We would sit at a table covered in newspaper, a roll of paper towels and oyster knives ready, and dive into a roasting pan brimming with just-steamed oysters. The adventurous meal always ended with one Andes Mint each, a little foil-wrapped present that somehow perfectly encapsulated the gift of the evening. I hadn't thought of those oyster roasts in a long time, not until I spotted a bowl full of candy on a colleague's desk.

Something as simple as a candy can transport us through time and space, summoning memories once thought lost. Confronted with a setting, a smell or a situation, we may suddenly feel quite close to a time long ago. I see this at Carroll when longtime alumni visit campus. The old rooms of Voorhees, the trees on Main Lawn or the sound of bagpipes all may bring to mind classmates and friends, personal adventures and milestone moments. These memories loop the past and present together. We see our lives from a different vantage point, as if standing at an overlook, regarding the view.

Memories make up who we are. Even memories nearly forgotten leave their imprint on our brains, their resonance in our hearts. Communities and organizations are shaped by memories too. Our shared history leads to our present, and those who have lived through significant portions of that history bear a very particular kind of wisdom. They are our memory, the caretakers of our collective story.

Carroll University recently lost one such caretaker. P.E. McAllister's journey with Carroll spanned decades—see *his full remembrance on page 26*. He knew Carroll as a student, an alumnus, a trustee, a friend, and, at times, even a critic. He passed on his memories in board meetings and stories and in letters written on an old typewriter. I received one such letter about our Presbyterian heritage when I arrived at Carroll a few years ago. From his vantage point, P.E. could see things from a view that few could, and from the overlook, he understood the bones of our institutions with a particular clarity. As our memory, P.E. could see how the last 80 years of our story wove together, and from that place of wisdom, he helped to steward our mission and identity.

Let us give thanks for memories: for the memories that shape who we are as individuals and as a community. Let us give thanks for P.E. McAllister and the many who have shepherded Carroll's story through the years. Such precious memories—and those who have carried them—will never be forgotten.

NEW HIRE

CTO BROUGHT ON BOARD

Mohammad Samarah, Ph.D., has joined Carroll as the university's new chief technology officer.



SAMARAH

Samarah, who has almost three decades of experience, began his role in January. Dana Stuart, vice president for

finance and administration, said that, as a candidate, Samarah "brought the most depth of strategic and visionary thinking to the position. The other finalists were strong operational leaders, but Dr. Samarah brings the added value of strategy and big-picture thinking, key attributes we were searching for."

Samarah also will lead Carroll's Information Technology Services (ITS) department. He previously was an advisor and cofounder of the Florida-based EnMedical Systems, a medical software company that also offers a range of IT consulting services. He also was an assistant professor of computer science and big data analytics at Florida Polytechnic University, where he was a founding member of the graduate program for the College of Engineering and College of Innovation and Technology.

Samarah has been widely published in medical technology and has presented his research at international conferences in Malaysia, New York and China. He holds a bachelor of science in engineering from Northern Arizona University, and a master's and Ph.D. in engineering/computer science from Florida Institute of Technology.

Office Hours

His office looks like it belongs to a religious studies professor—the one long wall lined with bookshelves, stacked with books on theology, philosophy and comparative religion, competing for space with manila folders overstuffing with 15 years' worth of students' papers.

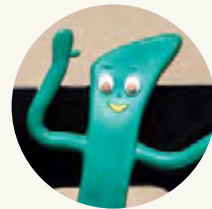
It doesn't much look the office of a mechanical engineer, which was Grimshaw's first career (*he toiled at a GM plant in Ohio*), until another, higher calling came along and he enrolled in seminary school, eyeing a second career as a Presbyterian minister. He served a year as a minister in Indiana but still had a feeling he wasn't yet in the right place. He went back to school, to Vanderbilt University, where he obtained a Ph.D. and then here to Carroll, to teach. This is his 16th year. "It's a good fit for me," he said. He has found his calling.



Enterprise House 102
Dr. James Grimshaw, associate professor of religious studies



Stole
This scarf, a long strip of fabric used as an ecclesiastical vestment, is from Grimshaw's time in the pulpit.



Gumby
A seminary supervisor gave Grimshaw the nickname Gumby due to a perceived similarity to the toy's posture.



Arabic Writing
Grimshaw's name written in Arabic, collected during a cultural event on campus some years ago.

Mystery of the Mounds

In the words of Carroll's second president, Dr. Walter L. Rankin, "Wisconsin... is the state of the Effigy Mounds, and Waukesha County is one of the most highly favored regions in the state for the number, variety and significance of its mounds." The area surrounding Carroll once housed over a dozen independent mounds. Two effigy mounds can still be found on campus, on opposite corners of Main Lawn.

Carroll's remaining mounds have been dated as far back as 750 A.D., though some of the mounds that have since been lost may have originated as long ago as 100 B.C. Formed through an arduous process of hauling dirt to the mound sites basket by basket, the mounds are surrounded by mystery. They are not linked to the Potawatomi tribe who once occupied Carroll's current grounds, but little else is known about their provenance. There's been speculation that the Menominee, Ho-Chunk, or perhaps even both tribes played roles in the building process.

A greater mystery than the mounds' creators, though, is their purpose. While some mounds may have been mortuary structures, it appears that they were used for more than burials. One suggestion is that they acted as territory markers, playing a role in boundary renewal ceremonies. They also may have denoted different clans and lineages corresponding to their various sizes and shapes. Another thought surrounding their purpose is that they indicated sacred lands visited exclusively for ritualistic practices, as the mounds were discovered a distance from Native American living areas. Though their exact purpose remains unknown, it's certain that they weren't used for mundane activities.

Carroll's effigy mounds are an important part of the university's rich history. They provide a lens into the lives and cultural values of the Native Americans who made Waukesha their home. Today, signs mark the two remaining mounds, reminding observers that the mounds are sacred spaces and should be treated accordingly.

Carroll's mounds were surveyed by noted naturalist I. A. Lapham in 1850 >

Save the Date

June 15, 2020

Anniversary
★ PIONEER GOLF CLASSIC ★

The Legend at Merrill Hills
Waukesha, Wisconsin

BENEFITING THE
CHAMPIONS 4 LIFE FUND

10 PAR 4

For more information about the 50th Anniversary Pioneer Golf Classic, please visit carrollu.edu/alumni/golf

Finding Art in Science

The events that shape our lives—that send us off in one direction or another—are often difficult to discern. When so much of life seems random and ruled by chance, the forks in the road appear vague, if at all discernible.

For Ben Khowpinitchai, whose life has seen more than the usual twists and turns, the most recent fork in the road was quite memorable, however. It featured a goat.

This fork, the latest of many for Ben—short for Benyapa—arrived in a medical laboratory, where researchers were exploring the effects of carbon dioxide inhalation using goats. Ben, an intense but amiable senior, was overjoyed to spend time in the lab, helping with the research. But the goat got to her. To be exact, the fate of the goat affected her.

The research eventually demanded an autopsy of brain tissue. The goat would be euthanized and its brain harvested.

“The researchers used goats, as their breathing mechanism is similar enough to a human’s, and this was all done the right way, as humanely as possible,” Ben recalled. It was ethical and done properly, the sort of research many scientists hold as critical in our gaining a better understanding of the human body and our ability to treat and even cure illnesses or other maladies. Yet it left her with a mass of emotions.

“I felt bad for the animal,” she said. There, in a research lab in western Milwaukee County, Benyapa Khowpinitchai had reached a fork.

By Malcolm
McDowell Woods

But before you learn where this fork took her, you should know a bit more about the journey Ben undertook just to get to that research lab.

It began in Thailand, with a creative and ambitious young woman trying to figure out her future and where in the world she belonged. She loved art and had hopes of becoming a cartoonist. At 16, she moved on her own to Tokyo, to attend high school and study art.

“I would say, once I have a goal, I tend to be very motivated to achieve it regardless of what it takes,” she

explained. In Tokyo, the art classes exposed her to a broader world of art and led her to reconsider her aspirations. After a year, she returned to Thailand.

“That’s when I shifted to a completely different field,” she said. She had come to a fork in the road.

This other lifelong interest, in biology, was sparked by her study of human anatomy—the muscles, bones and organs of the human body. But pursuing a career in biology would require a tremendous leap.

She took tests to receive her GED and began researching schools outside of her home country and came across Carroll. A university she had never heard of, in a town she had never heard of, in a country she was only familiar with through media. But she had financial aid, and her determination. Off she went.

That first year was not easy, Ben recalled. The culture shock many international students typically experience was compounded by the fact she hadn’t really attended high school in the traditional sense.

“It was hard, adjusting to the new environment. And not going to high school meant I was unfamiliar with even the basic things, like hanging out with friends. It was a completely different culture.” It would be a lot for anyone to deal with. Ben doubled down.

“That’s what really drove me,” she explained. “I knew I lacked a lot of experiences, so I pushed myself.”

In her biology coursework, she immediately dove into research, focusing on animal behavior and working with spiders and, later, rats. She said those experiences, along with the emotions she felt observing the research on goats, helped turn her research interests toward the cellular level. Another fork.

“So I shifted to biomedical research,” she said, “because I was able to think that my research could actually be helping someone.

It could be curing a disease or it could bring about less suffering.” She even spent the summer of 2019 at a paid internship at the Harvard Stem Cell Institute, working as a lab technician.

In the meantime, she hasn’t totally abandoned art. In fact, she’s embarked on a new creative project exploring the use of animals in research, borne out of her experiences in the research lab.

“My current project started there, with me expressing my emotions” about the issue, she said. “As a researcher, you have to be objective, but what do you do with your subjective emotions?” The art is her way of dealing with her feelings. “Science classes can be very intense. Art provides that balance. When I’m done studying bio and can go paint for a while and that gives me balance.”

Art professor Pacia Sallomi has seen Ben’s paintings develop. “Ben is quite humble about it, but I am very proud of her...when she returned (from Harvard), she told me that they had told her that one aspect of her application that helped her stand out was her art project—a serious exploration of her feelings and conflicts about scientific research on animals,” said Sallomi.

“I think her example demonstrates why a deep study in the liberal arts for non-majors enriches life, engages us on other levels of experience and expands our understanding of the world.”

Ben agrees. “Not only does painting serve as a way to explore my emotions—this project integrates my inspiration as an artist into my work as a medical scientist,” she noted. “As I advance in my career, canvasses are also being filled with paint, and this series progresses as I continue to explore how art and science can be complementary of one another.”



This summer, after graduation from Carroll with her major in biology and her minors in art, biochemistry and math, Ben is headed back to Harvard, and back to the research lab that employed her last year. She’ll work, as a lab technician for the summer and likely through the following year, laying the foundation for what she hopes will be the next step in her journey, admission to graduate school at Harvard.

The admitting process is rigorous and competition is fierce. But Ben figures she’ll be armed with recommendation letters from the head of the research lab at Harvard – not to mention her own, unbending drive.

It’s what has gotten her here, to a university on the other side of the world from her home country, about as far removed from her beginnings as one can imagine. And while there have been many forks on the way here and surely more to come, they don’t faze Ben. She has always had her eyes on a distant horizon.



Not Just Another Phage

We're running out of options in the fight against problem bacteria. Antibiotic overuse and misuse has triggered an explosion in antibiotic-resistant bacteria.

The search for the next weapon is taking place in laboratories across the world—and here at Carroll University. Pioneer Scholar **Kate Gentry** and biology professor **Christine Schneider** are examining bacteriophages, parasitic viruses that infect and eventually kill host bacteria, to see if they hold any hope.

Picture yourself in a small boat afloat on an open, angry ocean. The waves are building and beginning to wash over the bow. And your boat is springing holes. Many holes.

We live in a sea of bacteria. Really, a world of bacteria. These microscopic, single-celled organisms are everywhere on our planet, in its soil, its water, even its air. In total, the mass of bacteria on Earth outweighs that of plants and animals. And they are even inside us. The cumulative bacteria in you or I may weigh as much as three pounds—about the weight of our brains. In fact, there are far more bacterial cells in your body than human cells, engaged in an intricate, symbiotic dance.

For most living things, and for us in particular, bacteria can be either good bacteria or bad bacteria.

The good bacteria in a very real sense help keep us alive, recycling nutrients, playing a vital role in the decomposition of organic matter and in removing toxins. Our own guts are host to millions of them—maybe 500 or more different types. These gut bacteria are critical to how we digest food and the amount and type of nutrients we gain from eating. Other bacteria are used in the production of fermented foods, such as yogurt, cheese and vinegars, among others.

As for bad bacteria, well, you probably know them as germs, though the truth is that bacteria aren't inherently good or bad, just opportunists. Google "bacteria," though, and you'll be flooded with stories about flesh-eating bacteria, Legionnaires' disease and other deadly infections. Pathogenic bacteria are parasites responsible for a host

of problems in the plant and animal kingdoms. They can cause blight and wilt in plants, affecting food crops, and deadly diseases in livestock. And they are a frightening adversary to human life, bringing with them disease, infection and even death. At times, a lot of death.

One of the most important advances in modern medicine was the development of effective antibiotics. These antimicrobial agents attack and stymie the growth of bacteria. While some types of antibacterial agents have been successfully employed for centuries, it was only in the last century, with the development of penicillin, that doctors had an effective and reproducible tool to fight infection. The discovery led to the creation of additional antibiotic medicines and other antibacterial agents, such as disinfectants and soaps. It was a miracle. A lifeboat.

The world finally had an effective way to fight off bad bacteria. Doctors and farmers and manufacturers went all in, and who could blame them? There were so many infections and illnesses to fight. The new arsenal of antibiotics was a potent tool that could neutralize many harmful bacteria. It must have seemed as though humankind had at last turned the corner in its struggle against pestilence, plague and general uncleanness.

Alas, overuse brought about its own problem. A devastating problem.

Because those boom times in antibiotics accelerated natural selection among bacteria, triggering the evolution of drug-resistant bacteria and unleashing a rising tide of superbugs. ☹️

By Malcolm McDowell Woods

➤ *Pseudomonas aeruginosa* is one such superbug. It's ubiquitous in the natural world, seems to do quite well in man-made environments and, thanks to our interference, is rapidly selecting for multidrug-resistant strains. In fact, it's an opportunistic little bug that's been implicated in hospital-acquired infections and other serious illnesses, according to the Centers for Disease Control and Prevention (CDC). It can attack and infect the lungs of cystic fibrosis patients, in particular, spreading a biofilm across the surface of the lungs that impairs critical lung function. As its resistance to antibiotics grows, so does its danger.

In a research lab in Carroll's Michael and Mary Jaharis Laboratories building, the war against *P. aeruginosa* is being fought by biology professor Christine Schneider and Kate Gentry, one of her students.

Specifically, they are hoping to bring new weapons to the fight. Bacteriophages, often simply referred to as phages, are viruses that infect and replicate within bacteria and archaea (a separate, single-celled organism). Their entire existence depends upon a steady supply of bacteria, so they're found wherever bacteria live. However, unlike traditional antibiotics, which generally target a wide range of bacteria, destroying both good and bad bacteria, phages play favorites.

In this way, phages are of great interest to researchers, noted Schneider. She and her students have been investigating phages for years, first attempting to learn more about their genetic makeup and now trying to establish just what makes them effective as bacteria killers.

Phage therapy itself isn't new. It's been employed as a medical treatment in eastern Europe since the middle of the twentieth century, championed by a research institute in Tbilisi, Georgia. Phage therapy has several benefits over traditional antibiotics: phages can target specific infections, are usually harmless to the host organism and are self-dosing—when the host bacteria die off, the phages are unable to continue replicating.

Schneider and her students have their sights on several phages that are known to target *P. aeruginosa*. "We focused on *Pseudomonas aeruginosa* because of the clinical problems it causes," Schneider explained. "The CDC has labeled it one of their bugs of concern."

Previous Carroll student Eric Graham '16, who is now a medical student at Penn State, isolated several phages from raw sewage (phages are widely prevalent in bacteria-rich environments like sewage) and had their genomes sequenced in order to identify them. They discovered four phages that fell into the same family as ones already in use in phage therapy applications.

For biology major Gentry, that's where the fun started. Last summer, Gentry was named a Pioneer Scholar, and engaged in a research project alongside Schneider, slicing up the phages' genes and trying to determine which ones came loaded and which ones were blanks.

"We want to pick the phage apart and find genes that look promising to us," said Gentry.

"We know only such a small piece of the phage world," added Schneider. "We know they kill the bacteria but not clearly how that happens. Essentially, the phage hijacks the bacteria's life processes and we are trying to tease out which genes help it do that."

But how?

Step one was sequencing the phage's genetic code. In her work, Gentry has moved on to the next stage, systematically reproducing individual phage genes to see if they can kill *Escherichia coli*.

E. coli is another strain of bacteria. It normally resides in the guts of warm-blooded organisms. It's camped in your intestinal tract right now and is mostly harmless, though it can contaminate food and cause food poisoning. "*E. coli* is the workhorse of any microbiology lab," noted Schneider. It's easy to manipulate and cheap to grow in a lab.

In her research, Gentry introduces constructs ➤



➤ featuring specific genes from the phages into *E. coli* cells and then essentially flips a switch to turn the phage gene on. The goal is to have the bacteria die when she turns on the switch because that would imply the gene weaseled its way into the bacteria's vital factories and shut them down.

So far, none of the trials have resulted in the death of either *E. coli* or *P. aeruginosa*, but there are plenty more to go. So far, the killer genes have yet to be identified. And a casual observer might conclude that the research has been a failure.

Academic research serves more than one purpose, of course. Through scientific inquiry, humanity's knowledge base is raised and we learn more about the world we inhabit, our place in it and the organisms and elements with which we share it. And research like the work being done here at Carroll may deliver real breakthroughs in our struggle to keep abreast of that rising tide of superbugs. In fact, the research being performed right now in that first-floor lab in Jaharis might just isolate that bacteria killer that renders *P. aeruginosa* harmless.

Or not. But either way, the research is a success.

"We want to understand the process," said Gentry. "Expanding our knowledge is the key. So far, nothing has worked. Obviously, in research you aren't always going to find the results you are seeking, but finding out what doesn't work is important, too." All findings add to the knowledge base.

And then there are the students at the center of the research. They gain advanced clinical research skills, develop working relationships with faculty, gain exposure to potential careers and see their self-confidence grow immeasurably.

In October, Gentry presented her findings at the North Central Branch meeting of the American Society for Microbiology, earning a third place for her presentation. It was a great opportunity for an undergraduate student. She may have a chance to share the research findings again during her spring semester in Spain. Then she'll return to Carroll for her senior year. And to the lab. And to the search.

"I think that's a really unique thing about Carroll," Gentry noted. As she's spoken with students from other colleges, she's come to appreciate the level of dedication to undergraduate research shown by Carroll faculty. "Getting to work one-on-one with a faculty member doing important research is such a great opportunity. It was a huge time commitment for professor Schneider. She was here in the lab all summer. And I'm not just a lab hand, we actually collaborate on this."

By all accounts, it's been a successful experiment. ■

CROSS-CULTURAL EXPERIENCE

Life Changer

Like other Carroll students, Marissa Garretto '17 gained a lot from her cross-cultural experience (CCE). These trips are a critical piece of a Carroll education, designed to provide students with an immersive introduction to a culture which differs from their own.



GARRETTO

For her CCE, Garretto spent two weeks in Japan, exploring how that culture artfully balances tradition and modernism. Many students describe their CCEs as truly transformational opportunities—by experiencing and navigating a foreign culture, the students learn as much about themselves as the land and people they are observing.

Garretto, who had long been interested in anime and other aspects of Japanese culture, discovered a yearning to learn even more about Japanese life. “I learned a lot on that trip about myself, Japan and America,” she said. “The CCE opened the door to learning about another culture

I was only semi-familiar with. The CCE was too short, though, and all I could think about was how to get back to Japan. It left me wanting to learn more.”

So, she went back. Garretto, a graphic communication and photography major at Carroll, put her career in graphic design on hold and is currently spending a year or so living in Japan, teaching English.

“The CCE left (me) with wanting to go back to Japan. Moving to Japan seemed like the best way to do it! Without the CCE, I think it would have been much harder to make the decision to do this program.”

Carroll's Office of Marketing and Communications documented Garretto's cross-cultural experience in Japan. View video from the trip and learn more about the experience at carrollu.edu/cce-japan.



The university recognized three outstanding employees as the 2019 recipients of the Ethos Awards.

The awards are given to individuals who exemplify in their daily work and lives the tenets of the Carroll ethos: Respect, Integrity and Stewardship.

Tony Aker | Respect

“Tony works tirelessly to recruit student-athletes to Carroll and the football program. He becomes so knowledgeable on each student’s gifts and helps each student shine, given their strengths. I can see this as Tony speaks with his student-athletes both on and off the field. He truly honors the dignity and worth of each member of our diverse community by building relationships of trust. Anthony’s students work hard because he works hard. They go the extra mile because he goes the extra mile. Students want to achieve, succeed and shine because of Tony’s leadership.”

☉ Aker, a former associate head football coach and offensive and recruiting coordinator for diversity and athletics, departed Carroll late in 2019.

Dawn Scott '98, M.Ed. '17 | Integrity

“Dawn is a role model for us all who embodies every characteristic of the Carroll Ethos, and uses the Ethos to inform her work and interactions with others each day. She works tirelessly to support the mission and goals of the university and never gives less than 100% in anything she does.”

“Dawn puts her team and the university above herself, unexpectedly stepped into a role to lead the enrollment team and made the restructuring of an entire area as seamless as possible to keep the team moving forward and exceed recruitment goals.”

☉ Scott is the associate vice president for enrollment/director of financial aid.

John Vitale | Stewardship

“John is a stellar example of what it means to be a Pioneer. His stewardship of relationships with the residents of Kilgour and his dedication to making the building a better place for them to live is truly awe-inspiring. A few examples of his stewardship of relationships include leaving Post-it Notes on the doors of the residents who were a part of a show to congratulate them and leaving treats for residents on special holidays and during final exams.”

☉ Vitale is a physical plant utility worker.

Pio Pete relaxes in front of Main Hall at Carroll University, the first four-year institution of higher learning in Wisconsin!

In 2020-2021, Carroll will be celebrating its 175th anniversary.



Illustrated by Megan Russell '19

GET YOUR COLOR ON!

Time to bust out those crayons and get to coloring this scene of Pioneer Pete lounging on Main Lawn. Once you're done, submit it to the Office of Marketing and Communications for judgment. *Please no glitter or glued-on items.*

Submit your entry by April 1 to:

Editor
Marketing and Communications
100 N. East Avenue
Waukesha, WI 53186

Winners will be announced in our next issue. This is just for fun, so there will be no prizes beyond the eternal fame and glory of appearing in the pages of **FIRST**.

NAME _____

CARROLL CLASS YEAR (IF APPLICABLE) _____

AGE (IF APPLICABLE) _____

EMAIL ADDRESS _____

PHONE NUMBER _____

HUSTLE. THINK. AND GLIDE.

His father's advice has worked out pretty well for Jeff Cummisford '73

HUSTLE AND THINK.

Work hard, be prepared, and then be present. Pay attention and figure out what you need to be doing. Do it.

If you lined up alongside Jeff Cummisford '73 on the football field for the Pioneers in the early '70s, you'd likely recognize the approach, if not the exact words.

It's a philosophy he learned from his father, and clearly it still serves him well. On Feb. 22, if all goes well and the snow sticks around, Cummisford will compete in the Slumberland American Birkebeiner for the 33rd time.

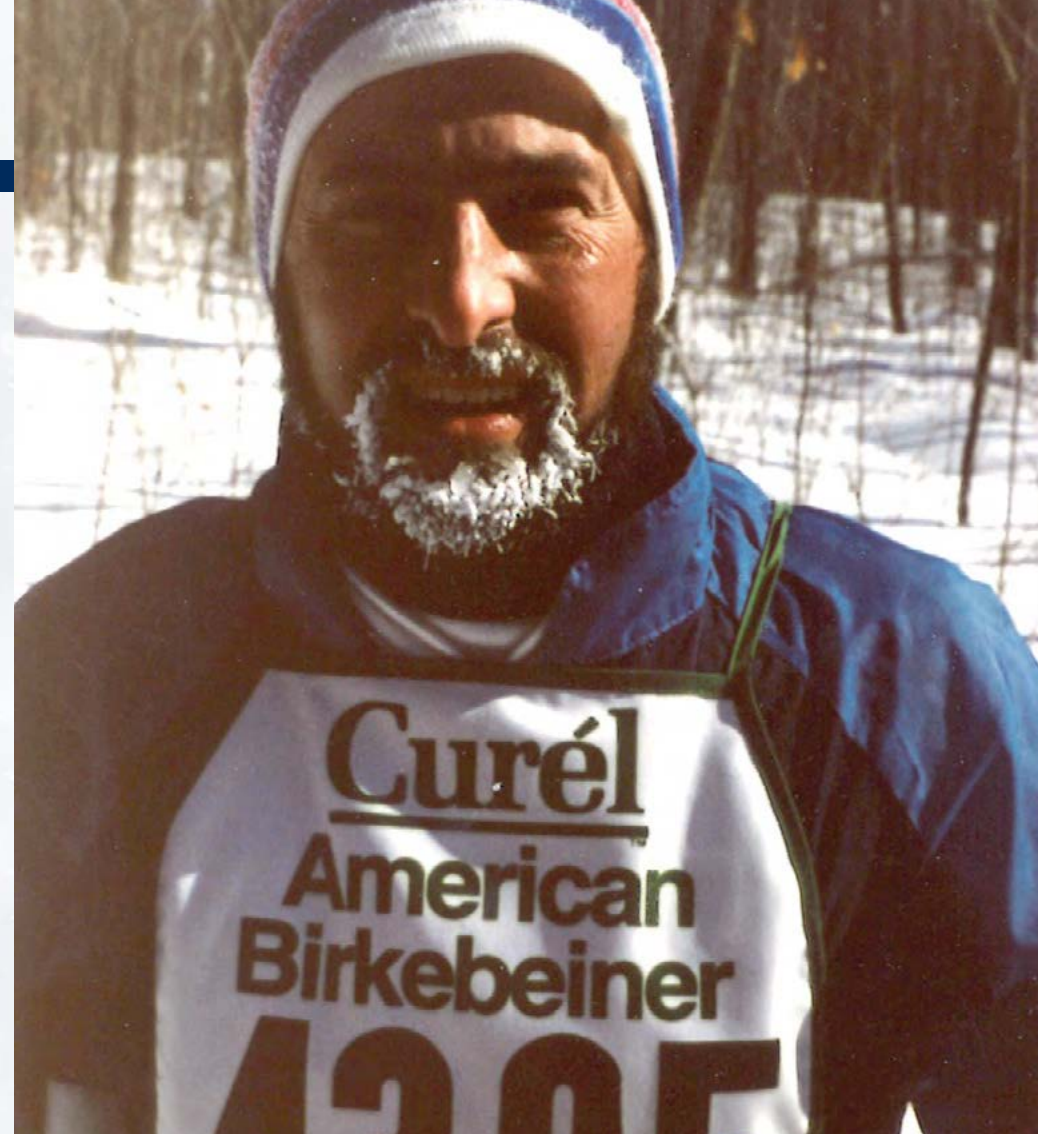
This will be the 46th running of the cross-country ski marathon, a 50- or 55-kilometer race from Cable to Hayward in northwestern Wisconsin that draws upwards of 10,000 people to compete in several events over a long weekend.

Since he first stepped up to the starting line, Cummisford has missed racing twice—once when he was recovering from a snowblower accident and once when the race itself was canceled due to lack of snow.

"It's the Boston Marathon of cross-country skiing," he said, "a world-class athletic event."

Why keep at it? "Each year is different. The snow is different. The temperatures can be zero or 45 degrees," he said. "Each year, you get a new story."

Cumisford didn't ski as a child. Football was his sport. Though just 5' 9" and 160 pounds, Cummisford excelled on the field. At Carroll, he recorded 18 career interceptions and was co-captain of the team in 1972. In 2002, he was elected to the Carroll Athletics Hall of Fame. "I'm not a big guy but I was a good player and I played with really good guys," he said. "My dad had this philosophy: hustle and think."



Following that has made me a better athlete and a better person throughout my life."

In a roundabout way, Carroll had a role in his discovery of skiing. He met his wife, Lynn Tonjes '73, at a square dance in the school's ballroom in his freshman year. "My biggest accomplishment at Carroll was having Lynn select me," he said.

In his sophomore year, she took him skiing. A few years later, his sister-in-law's husband introduced him to cross-country. He was bitten by the bug. And then came the Birkie.

"It truly became Birkie fever for me," he noted. His son, Kevin, competes as well, as do several Carroll alumni and classmates of Cummisford, including Don Becker '73, Rick Wheeler '73 and Jay Woodard '72. "In fact, Jay and I finished within a minute of each other a good 1- times and never saw each other the whole race."

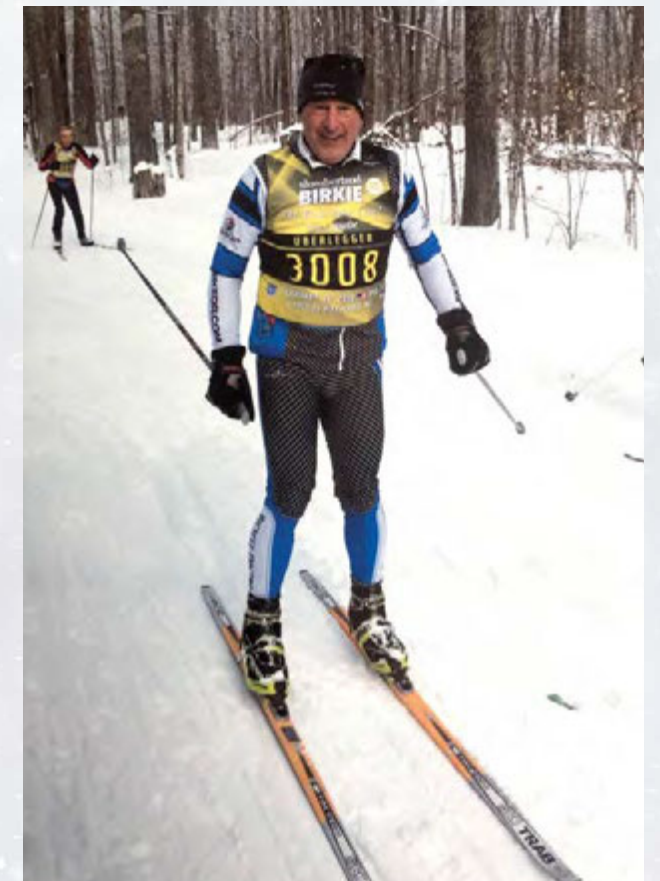
It took Cummisford six hours and 32 minutes to finish his first race, using the traditional method in which skiers zoom along in parallel grooves in the snow. His fastest time came 12 years ago, when he completed the 50k skating course in two hours and 48 minutes.

- Feb. 1988
- Feb. 2018
- Feb. 2001

He may have slowed down slightly, but his drive is as strong as ever. When you complete your 20th Birkie, you're recognized as a Birchlegger and given a special purple racing bib. Cummisford, who passed that milestone years ago, is now eyeing his 40th. But he's not done there. Worldloppet is an organization that promotes cross-country skiing around the globe and comprises 20 ski marathons on six continents. Compete in 10, and you're recognized as a Worldloppet Master.

"I now have six of them," Cummisford said. He hopes to add two more—in Austria and Italy—before this Birkie. And to keep going. He keeps in shape by skiing when he can and by mountain biking in warmer weather. He and wife Lynn also remain involved with Carroll, and hosted an alumni snowshoe hike at Prairie Springs this February.

"MY DAD HAS THIS PHILOSOPHY: HUSTLE AND THINK. FOLLOWING THAT HAS MADE ME A BETTER ATHLETE AND A BETTER PERSON THROUGHOUT MY LIFE."



HUSTLE AND THINK.

It's the same philosophy that has driven his business life. Back in his days at Carroll, he realized he needed to find a job to help pay the bills. A business professor directed him to what was then Waukesha Savings and Loan, where he worked as a teller while finishing his studies.

"I took that road all the way to the top," Cummisford told the Pioneer magazine in a 2003 article. He remained at the savings and loan for 18 years, becoming the head of lending, before accepting an offer to work for TCF Bank. In 1997, he founded Amerihome Mortgage, growing it from 24 employees to 154 employees operating in nine states. He retired three years ago after 43 years in the banking industry.

Along the way, he has remained active and involved with Carroll, where he met his wife and found his way to that banking career. He served on the board of trustees for eight years and, in 2009, was awarded the P.E. MacAllister Distinguished Alumnus Award for Service to Carroll.

Business, life, school, football, skiing—his father's advice paid off. **HUSTLE. AND THINK.**





Age of Resilience

By Matt Sherman '21

While 15-year-old Anthony Sikorski faces the same challenges any adolescent does, he is not your typical teenager. Most 15-year-olds don't attend college, receive presidential recognition or create course materials for future collegiate scholars. Sikorski, who also has cystic fibrosis, adrenal insufficiencies and Ehlers-Danlos syndrome, was just 14 when accepted by Carroll and began last fall as Carroll's youngest incoming first-year student.

Given Sikorski's intelligence and drive it's not difficult to see him fought over by numerous universities, but he repeatedly uses two words in explaining why he chose Carroll: welcoming and accommodating. Carroll faculty and admissions staff worked hard to make sure his schedule would facilitate needed medical treatments, that classrooms would be accessible to his wheelchair and that he'd be able to spend plenty of time with his family.

And then there are the facilities. Sikorski was particularly impressed with the Michael and Mary Jaharis Science Laboratories building. This fall, he experienced biology and chemistry labs in Jaharis, and is looking forward to more classes there, saying he admired the thought that went into the structure. "It's very impressive. I'd like

to thank the investors and the people who planned and built it. It's a nice space to be in."

Sikorski was also drawn in by the fact that three influential adults in his life are Carroll alumni. Nurse Kristi Kirk '95 and biology teacher Douglas Drenzek '93 from Arrowhead High School, where Sikorski attended, along with piano teacher Joseph Lecher '07, are all Carroll graduates he is close to.

Sikorski said he has found Carroll very welcoming. "Even before the official academic semester started, people from the biology department said I could do some informal research," he stated. The research he and Dr. Todd Levine are conducting will be used in assignments for future biology students. In addition, biology lecturer Dr. Christine Schneider has discussed a lab position with him. He's excited, as Schneider's research deals with bacteria that can cause lung infections among cystic fibrosis patients.

After Carroll, Sikorski hopes to attend medical school, "inspired almost exclusively by my medical conditions." Should his age bar him from attending medical school immediately, Sikorski might opt to pursue a doctorate and perhaps become a geneticist to help people dealing with illnesses such as his. As for his own health, Sikorski said "if people can hear me talk about my medical problems, talk about it once, and not bring it up in the future, I prefer it." He doesn't want pity. After all, his ailments aren't things he can change or control.

"I'm just very fortunate things have worked out the way they have," he said. "Could things have worked out better? Certainly. Is it a pressing thought on my mind? No. The present is well enough. I have no regrets about anything. If you put yourself to work and show dedication and resilience in the field you choose, life generally has a way of rewarding that."

CLASS NOTES

Please send news of weddings, births, deaths; new jobs and promotions; academic and professional degrees; church and community service activities; awards and achievements; and changes of address to the Office of Alumni Engagement at alumni@carrollu.edu or via mail to Carroll University, 100 N. East Ave., Waukesha, WI 53186.

1991



📍 **Suzanne Grzana '91** won Artist of the Year in the Jazz/Blues category at the Josie Music Awards in Dollywood, Tennessee, in September 2019.

1996

Ryan S. Russell '96 welcomed a baby girl, Pearl Marylee, on Oct. 3, 2019. She joins her half-sister, India Marie, and pets Freyja, the cat, and Pablito Lopez, the bearded dragon.

2001



📍 **Tara Schmidt '01**, senior lecturer for psychology at Carroll, and her wife, Caeli, welcomed a baby girl, Sylvie Carol, on June 30, 2019. She joins siblings Will and Nellie.

2006

Nick Seiske '06 married Kasey (Kallien) Seiske on July 13, 2019.

2008

Ken Cammilleri '08 has been named city administrator for the city of Scandia, Minnesota.

2009

Elizabeth Jorgensen M.Ed. '09 has authored a book, "Go, Gwen, Go: A Family's Journey to Olympic Gold." The book, co-written with her mother, Nancy Jorgensen, follows her sister Gwen Jorgensen's journey to a gold medal in the 2016 Olympic triathlon in Rio de Janeiro, Brazil.



1969

Jim Didier '69 was inducted into the Louisville Rugby Club Hall of Fame at the club's 50th anniversary reunion over the Labor Day Weekend. Didier had been a past president, captain and select player for the International Rugby Federation of Ireland.

1977

The **Rev. Dr. James Klein '77** retired in May 2019, after serving in pastoral ministry for 38 years in the United Church of Christ.

1984

Dr. Kelli (Kellbach) Heindel '84 celebrated her 25th year with ThedaCare Physicians in Appleton, Wisconsin, where she practices family medicine. She was recently named senior medical director of primary care for ThedaCare. She and her husband, Marty, an Appleton veterinarian, have a 23-year-old son, Gabe, who is a senior at UW-Stevens Point.

1985

Kristen (Grunow) Ricigliano '85, a birth and postpartum doula, owns Chickadee Doula Services in Baltimore, Maryland.

1989

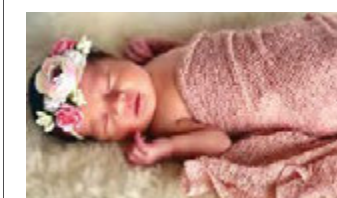
Diane (DeBruin) Handrich '89 retired from the Winnebago County Sheriff's Department in May, 2019, after 29 years in law enforcement.

Awards, Anyone?

Do you know a Carroll graduate who has excelled in their profession, in their community, as a young alumna/nus, or in their service to Carroll? If so, please consider nominating Carroll graduates for the following awards in 2021:

- 📍 Distinguished Alumni Award for Professional Achievement
- 📍 Distinguished Alumni Award for Community Service
- 📍 P.E. MacAllister Distinguished Alumni Award for Service to Carroll
- 📍 Graduate Of the Last Decade Award

Visit carrollu.edu/alumni/awards to nominate someone today!
The deadline for 2021 nominations is May 31, 2020.



📍 **Sara (Thorne) Meyer '09**, promotion and event manager at Carroll, and her husband, **Zac '08**, welcomed a baby girl, Jovie Sue, on Sept. 25, 2019.

2010

Samantha Betancur '10 studied the ecology of steppe ecosystems, with a focus on the Pallas' cat, Przewalski's horse and participatory conservation media in Mongolia. Betancur, an outreach coordinator at North Carolina Aquarium at Pine Knoll Shores, lives in Hubert, North Carolina, and is a graduate student in Miami University's Global Field Program.

2012



📍 **Melissa (Haehle) Clark '12** and her husband, Tyler, welcomed a baby boy, Emmett Darrin, on Aug. 13, 2019.

Heather Dugan Hartley '12 studied desert and marine landscapes through ecological and social field methods in Baja. A community access instructor at Bridges Rehabilitation Center, Hartley lives in Cincinnati, Ohio, and is a graduate student in Miami University's Global Field Program.

2013



📍 **Seth Dabson '13** and **Jenna (Scudder) Dabson '14**, wed Sept. 14, 2019, in Elkhorn, Wisconsin. The two met while working at WCCX in 2012. Maid of honor was **Katelan Hall '13** and best man was **Kevin Rasmussen '13**.

2015



📍 **Tyler Robers '15** and **Mallory (Birch) Robers '18** were married Oct. 15, 2019, in Madison, Wisconsin, with many Carroll alumni in attendance. She is currently a sonographer with Aurora Health Care and he is a dentist with Aspen Dental.



Billy Niklasch '15, human resources business partner at Carroll, and his wife, Molly, welcomed a baby boy, Leo William, on July 29, 2019. He joins big sister Nora.

2016

Samuel Simpson '16 graduated from Marquette Law School in May 2019 and has accepted a position with the Milwaukee County District Attorney's Office.



David Sockness '16 was voted Sarasota Teacher of the Year. Sockness teaches at the McIntosh Middle School in Sarasota, Florida.

Faculty and Staff



Katie Lesperance, director of student activities and fraternity/sorority life, student activities, and her husband, Tom, welcomed a baby girl, Eleanor Grace, on Sept. 18, 2019.

Marching Toward the Future

By Krista Ruehmer

2019 was a year of growth for the Carroll University Pride of the Pioneers marching band, and with that growth comes change and a little bit of risk. They did, after all, don their brand-new white uniform pants smack in the middle of hot chocolate season. But it's all worth it, said Brett Keating, director of athletic bands, who joined Carroll over the summer to kick off the year of change.

Aside from the updated uniforms, which Keating says has given the band a pop of brightness and a modern edge, both the marching band and the pep band have grown significantly during his pioneer year at Carroll. In the 2019-20 academic year, the Pride of the Pioneers grew by 70 percent, while the Pioneer Pep Band have experienced a growth of 25 percent.

"This growth is due to the hard work and support of a network of people across campus—from leadership to student affairs to the marching band members themselves," Keating said. "They are the strongest and most active assets for recruitment. Under Drum Major Anthony Tirrell's leadership, these Pioneers have done a marvelous job increasing numbers for both the Pride of the Pioneers and the Pio Pep Band."

While Keating and his students flourish in the midst of growth this year, he's already looking ahead. He said he's proud of the hard work exhibited this year as the band members worked toward the group's primary objectives: to represent the university, support the team, entertain the crowd and have fun. But there are several big-picture goals dangling before the athletics bands program as Keating looks to the future.

"While we are intently working for continued growth in numbers, it is also crucial that we thoughtfully develop the culture within our athletic band program and its identity as perceived by the university and public," he said.

A few developments to be implemented next year focus on service—to the university, to the community and to the students. Keating hopes to enhance the fan's gameday experience with more performances during the game and more fan interaction. He's hoping to engage area school marching band programs for teaching and performance opportunities, not to mention inviting more future Pioneers to campus.

It's also important to Keating that his students are provided effective leadership training and support applicable to life after Carroll. In the meantime, it's life at Carroll that continues to shine for the band members.

"The Pride of the Pioneers have enjoyed a tremendous season," Keating said. "These are 44 of the most incredible humans. They're passionate, kind, enthusiastic, resilient and keen on excellence, and they have welcomed me into the Pioneer family with open arms and warm smiles. I do not possess the words to describe the gratitude and admiration I have for them."



2019
By the Numbers:

130
hours of rehearsal

30
hours of performance

5
varsity football games

2
parades

1
Christmas video project

IN MEMORIAM

1930s

Ralph H. Walters '39 passed away Sept. 11, 2019, in Princeton, Indiana, at the age of 102.

1940s

Miriam (Reinhart) Fox '40 passed away Oct. 15, 2019, at the age of 100. She was preceded in death by her brother, **John Reinhart '39**.

Pershing Edwin (P.E.) MacAllister '40 passed away Oct. 23, 2019. See a full remembrance on the following page.

1950s

Martha "Marty" S. (Schneider) Liessmann '50 passed away April 8, 2019, in Waukesha, Wisconsin, at the age of 90. Martha was preceded in death by husband **Ohland W. Liessmann '49** and is survived by son **Mark R. Liessmann '96**.

Charles W. Hart '50 passed away July 7, 2019, in San Jose, California, at the age of 93.

Catherine "Kay" (Gray) Accola '50 passed away Aug. 1, 2019, in Baraboo, Wisconsin, at the age of 90.

Robert G. Preston '50 passed away Oct. 2, 2019, at the age of 94.

Norma R. (Scherndahl) Gentile '51 passed away Sept. 27, 2019, in Trinity, Florida, at the age of 91.

Shirley J. (Sheldon) Babcock '54 passed away Oct. 8, 2019, in Rhinelander, Wisconsin, at the age of 87.

James W. Ehrenstrom '58 passed away Sept. 3, 2019, in Mequon, Wisconsin, at the age of 82. He served on the Carroll Board of Trustees for many years.

John P. Pope '59 passed away Feb. 3, 2019, in Red Lodge, Montana, at the age of 84. He is survived by his brother, **Marvin Pope '54**.

Dale H. Berg '59 passed away May 21, 2019, in Winnipeg, Manitoba, at the age of 80.

1960s

Phil M. Quast '61 passed away Sept. 25, 2019, in Annapolis, Maryland, at the age of 80. His brother, **Stephen Quast '69**, also attended Carroll. Phil received the Distinguished Alumni Award for Service to Country and Community for his decorated career in the U.S. Navy and his charitable activities to support naval veterans.

Sally J. (Shellestad) Miller '61 passed away Aug. 8, 2019, in Burlington, Wisconsin, at the age of 80. She was preceded in death by her twin sister, **Sue (Shellestad) Pepper '61**.

Jane C. (Meister) Hutton '63 passed away Sept. 30, 2019, in Oshkosh, Wisconsin, at the age of 77.

Nancy L. (Pfeiffer) Fjellstedt '64 passed away June 12, 2019, in Crystal Lake, Illinois, at the age of 77. Her husband, **Thor Fjellstedt '63**, and sister, **Tommy Sue (Pfeiffer) Stone '68**, both attended Carroll.

Roger F. Teuscher '64 passed away on Aug. 3, 2019, in Cape Coral, Florida, at the age of 77. He is survived by sister **Susan (Teuscher) LeRoux '73** and daughter **Heidi (Teuscher) Sigafus '92**.

Karen L. (Matthiesen) Towson '65 passed away July 7, 2019, in Sanford, North Carolina, at the age of 75. Her husband, **Bill Towson '64**, attended Carroll as well.

David R. Isabell '65 passed away July 23, 2019, in Waukesha, Wisconsin, at the age of 76. He is survived by his daughter, **Kristin (Isabell) Hayes '93**, his wife, son and grandchildren.

Don L. Winkler '65 passed away Aug. 2, 2019, in Elkhart Lake, Wisconsin, at the age of 77.

1970s

Henriette Schmidt '70 passed away June 13, 2019, in San Antonio, Texas, at the age of 71.

James Ward '71 passed away May 28, 2019, in Oconomowoc, Wisconsin, at the age of 70. His mother, **Helen (Lorier) Ward '41** (deceased), and sisters **Jean (Ward) Bannen '68** and **Judith (Ward) Scaff '76** also attended Carroll.

Michael J. Fritz '72 passed away Oct. 23, 2019, in Old Fort, North Carolina, at the age of 69. His wife, **Betsy (Williams) Fritz '74**, and brother **Joseph Fritz '73** (deceased) both attended Carroll.

Steven F. Fitzer '73 passed away Aug. 28, 2019, in Tacoma, Washington, at the age of 68. He was the leading fundraiser for the Courage Classic, a bicycle ride that supports the Child Abuse Intervention Department, raising over \$100,000 for the program.

Daniel P. Huegel '74 passed away Sept. 26, 2019, in Madison, Wisconsin, at the age of 67. His sister, **Betsy Huegel '72**, attended Carroll as well.

1990s

Theodore Schuenemann '90 passed away May 9, 2019, in Milwaukee, Wisconsin, at the age of 60.

Georgianna "Georgie" (Kainz) Krenz '91 passed away Sept. 9, 2019, at the age of 51.

Erin J. (Kussmann) Sarauer '97 passed away Oct. 15, 2019, at the age of 43. Her mother, **Jolene (Hopfensperger) Kussmann '69**, and aunt **Patricia (Hopfensperger) Ries '67** both attended Carroll.

Faculty and friends

Robert G. Black passed away Aug. 30, 2019, at the age of 74. He was professor emeritus of Spanish and also served as vice president of academic affairs at Carroll.

Thomas J. Drought passed away Aug. 9, 2019, at the age of 86. Drought is a former Carroll trustee.

Anna M. Inveiss passed away Sept. 6, 2019, in Oconomowoc, Wisconsin, at the age of 90. She was married to **Uldis Inveiss**, professor emeritus of economics and business. Anna worked at Carroll in the chemistry department.

A TRUE PIONEER

P.E. MacAllister '40 1918–2019

Pershing Edwin (P.E.) MacAllister '40, whose insight, generosity and hard work created a remarkable legacy at Carroll University, passed away Wednesday, Oct. 23, 2019, in Indianapolis, Indiana, at the age of 101.

A 1940 graduate, P.E. has been one of Carroll's most stalwart and visible supporters. Not only had he served 56 consecutive years on the Board of Trustees, he was the single largest donor in Carroll's 174-year history. He also had been an ardent fundraiser for Carroll, helping to raise millions of dollars.

Throughout his time here, he knew 11 of Carroll's 15 presidents and made immeasurable contributions to the campus. P.E. has had an immense impact, from MacAllister Hall to establishing the MacAllister Fellowship, the most prestigious scholarship awarded at Carroll. He provided funds that resulted in new construction, academic chairs and building renovations. And, while his generosity touched many aspects of Carroll, his singular desire was to help the university's students.

It is difficult to put into words what P.E. meant to Carroll. In 2010, the campus community joined together for the "Thank P.E. Campaign," in which faculty, staff, alumni and students made tribute gifts to the MacAllister Fellowship and celebrated his tireless work as a Carroll board member.

He is a shining example of Carroll's mission of preparing students for lifelong learning and service.



As a student at Carroll in the late 1930s, he kept himself busy, exploring much of what Carroll had to offer. He studied history—his major—and minored in English and speech. He played the clarinet in the music department and joined a fraternity. He ran, both for the college track and field team and for Student Senate.

He once said his success in business was directly linked to his Carroll education. "A fundamental principle of a liberal arts education is that you learn how to learn; you gain the basis upon which you can build the rest of your life."

And successful he was.

P.E. deferred his plan to become a teacher after graduation, instead joining the U.S. Army Air Corps—spending months overseas during World War II. After leaving the corps in 1945, he began work with his father at MacAllister Machinery in Indiana. He took over the company at age 32 after his father suffered a stroke, and MacAllister Machinery ultimately became the state leader in agriculture and heavy machinery equipment.

He also was successful in many other arenas. After being nominated by Carroll, in 2014 he received the national Ernest T. Stewart Award for Alumni Involvement from the Council for

Advancement and Support of Education (CASE), which recognizes an individual for service to one's alma mater. The Stewart Award is the highest honor CASE presents to an alumni volunteer.

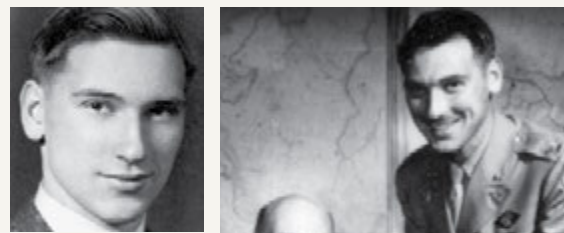
Also in 2014, he received the Sachus Award from then-Indiana Gov. Mike Pence, which celebrates Hoosiers who exhibit wisdom, judgment and grace. In 2009, P.E. was named a "Living Legend" by the Indiana Historical Society, an honor shared with Kurt Vonnegut, Jr., John Mellencamp and David Letterman. And, in 2005, he was appointed by President George W. Bush to serve as a member of the Advisory Committee on the Arts for the JFK Center for the Arts.

"Carroll will forever be family, a comforting second home for all who have inhabited its halls. I remain indebted to this place, for the ways it shaped me then and still does now. We are always Pioneers. We embrace that legacy proudly, this tradition of service and giving. I am grateful my life has enabled me to support Carroll's mission over the years."

—P.E. MACALLISTER '40

P.E. truly led a remarkable life. His legacy will live on at Carroll, not just in bricks and mortar, but in the passion and commitment to lifelong learning shared by the students, faculty, staff and alumni of the university.

He was preceded in death by his first wife, Becky, and his second wife, Fran. He is survived by his son, Chris, daughters Sandy MacAllister and Laurie MacAllister Davis, and multiple grandchildren and great-grandchildren.



By Linda Spice '89

Professor Emeritus Settle Passes Away



Dr. Pete Settle centered his life around his family, and when he taught, his students became a part of that family.

"He was there for every kid. They weren't nameless, faceless kids in a lecture. They were real people and he treated them as such," said Jan, his wife of 49 years.

For years, Settle's students knew of his wife, Jan, only as "the old woman," and his two daughters, Kristin and Katie as Critter and Butkus, respectfully. The latter showed the love for his daughter but also the Chicago Bears, pulling the nickname from Dick Butkus, a former linebacker of his favorite team.

A professor emeritus of communication at Carroll, Settle passed away Oct. 3 following a brief illness.

He first came to Carroll in 1974, joining Dr. Joe Dailey and the late Dr. Joe Hemmer as a team of three in the communication department. There, Pete sharpened his expertise in rhetoric, persuasion and interpersonal communication.

Dailey, now a professor emeritus of communication, said of Settle, "His way (of teaching) was particularly personal. He liked to emphasize the ways that ideas impacted real lives. The illustrations in his classes often

came from the experiences of his family and friends."

Dr. Barb King '87, an associate professor of communication at Carroll, remembers Settle as a "masterful teacher" who was skilled in attracting and retaining students. "Once you took a class with Pete, chances were you were going to sign up for another class," she said.

The Rev. Rebecca Iverson '99, now a hospice chaplain, visited with Settle as he lay ill during his final days, reading to him stories and messages from fellow Carroll alumni. She said, "He found great joy in his family and teaching and students. He was always ready with a smile and a hug if you needed it or a joke."

At Carroll, Settle also served as faculty president, as advisor to the Communication Club, as "King of the Madrigal" with his wife, Jan, as queen for holiday Madrigal Dinners, sorority "mom" for Delta Zeta, and as academic advisor to the U.S. Olympic Speedskating Team while they studied at Carroll and trained at the Pettit National Ice Center.

In his obituary, his family thanked students who visited, messaged or called in his final days to say, "You really made a difference in my life," noting, "In the end, that was the legacy he wanted to leave."



UPCOMING EVENTS

We'd love to see you in the future at one or more of the following Carroll events. If you have questions or an event idea, reach out at alumni@carrollu.edu

Monday, March 9

Arizona Event - Brewers Spring Training Game
Event sponsors: Julie Goldammer '90, John '61 and Carol (Vogel) '60 Owens

Monday, March 30

Downtown Milwaukee Alumni & Friends Gathering
Dr. Sue Lewis, some furry friends and students from Carroll's animal behavior program
5:30-8 p.m.
The Venue

April 1-30

National Service Project: Pioneers Feed America

Tuesday, April 7

Cheers to Our Years Alumni/ Graduating Seniors Wine Tasting
6-8 p.m.
Home of President Gnadinger

Saturday, April 18

Chicagoland Alumni & Friends Gathering
5:30-8:30 p.m.
Emmett's Brewing Company
Palatine, Illinois

Tuesday, April 21

Celebrate Success Event
Honoring the 2020 Distinguished Alumni Awards and Graduate of the Last Decade recipients
5 p.m.
Stackner Ballroom

See all upcoming events
carrollu.edu/events

FOSTERING A LEGACY

This past fall, **Brooke Foster** would make the regular 5 a.m. walk from her residence hall to Ganfield Gymnasium for basketball practice, strolling in the dark, past a warmly glowing Main Hall and under a canopy of whispering old trees.



FOSTER

"It looks so pretty," she said. "My dad (Dave Foster '83) always said it was cool to go to a school with so much history. I totally get that now."

For Foster, a communication and Spanish major, the history is personal. When she entered Carroll in the fall of 2019, she followed in the footsteps of eight family members, running all the way back to her grandfather, Charles Foster '53. A football and basketball athlete, he is enshrined in Carroll's Athletic Hall of Fame.

Charles Foster passed away in 2018, but Brooke still feels his presence on campus. "We practice in Ganfield, which is the court he played on," she said. In the Van Male Field House, she frequently walks past a video monitor displaying hall of fame members. "I always search for his listing," she laughed. "It never gets old."

With such a legacy here, it might have felt preordained that she come to Carroll, but a teen-aged Foster had other ideas. "Everyone thought it was obvious (she would attend Carroll), which just made me want to go elsewhere," she said. So she checked out a few other universities, some much larger than Carroll, before visiting Carroll.

"I realized that it was perfect for me here, with the history, the family feeling and the ability to play basketball." So, in late August 2019, she moved into her room, in South Bergstrom, the building that had been home to other Fosters before her, and opened a new chapter in the Foster legacy at Carroll.



Opportunity Scholarship Fund

MAKE A DIFFERENCE

If you ever wonder whether the money donated to support scholarships at Carroll makes a real difference, you could ask Brittany Miller '22. Every dollar helps.

Brittany is intent on doing something with her life that makes healthcare more affordable and accessible for all. At Carroll, she has found the perfect double major—public health and healthcare administration—to prepare her for her future. But she is only at Carroll because it was her most affordable option, due in large part to the scholarships she was offered.

Still, Carroll might have lost this bright star last year when bills started to mount. That's when she found out about the Opportunity Scholarship. President Cindy Gnadinger created the Opportunity Scholarship Fund to provide a lifeline for those students from diverse backgrounds who are traditionally underrepresented in higher education and who may need additional help bridging the financial aid gap.

It has made all the difference for Brittany, allowing her to remain at Carroll and to continue following her dream. And for that, she'd like to thank you.

"It may sound cheesy," she said, "but thank you. I know you don't have to do this, but it does make a difference."

For more information on the Opportunity Scholarship Fund and how you can help make a difference, contact James Rychner, assistant vice president for development, 262.524.7240.



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Waukesha, WI 53186

Change Service Requested

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Organization
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FROM THE CARROLL ARCHIVES

Sing On

The Carroll University Archive Collection at the Todd Wehr Memorial Library is as large as one might expect from a 174-year-old university. Its contents range from the profound to the profane and many things in between such as a 1919 printing plate carrying the Carroll alma mater.

