

Partners

Summer 2018

CLARK COLLEGE FOUNDATION MAGAZINE



Technology ignites diesel learning

▶▶ 12

— PLUS —

Outstanding & Rising Star alumni | Sharing life's abundance
DNA of dirt | Tattoo artist softens sting

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Technology ignites diesel learning

Students accessing real-world learning with innovative hands-free technology. The Silicon Valley tech firm moves to Vancouver thanks to Clark Hall of Famer.



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Sharing life's abundance

Growing up poor motivated Sanford Jones to pursue a physics degree. Now long retired, his appetite for all things cuisine and virology has led to a major gift to Clark.

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Cover: Blaize Oasay-Sabug '18, who graduated in June with a degree in Diesel Technology, tries out a RealWear headset. He can open files, zoom in or out while watching a video or make phone calls using just his voice while he works on engines.



LISTEN TO OUR LATEST PODCASTS



“Birds of a feather make great music together”

Rich Inouye's finale



“The places we will go”

Reflections of long-time board members



“DNA of dirt”

Solving the antibiotic crisis

Penguin Chats, a Clark College Foundation production, features fascinating conversations with and stories about the people who make up our Clark College community.

Find all our podcasts on Google Play, iTunes, Tune In and at

clarkcollegefoundation.org/podcast



Wilma Raines '57 (left) is one of hundreds of individuals who has helped open opportunities for Clark students, like Hannah Neff '18, through education.

BANNER YEAR FOR FUNDRAISING

Clark College Foundation raised \$4.4 million for scholarships, technology, programs across the campus and the new culinary institute for students, faculty and staff thanks to the generosity of alumni, friends, corporate and foundation partners. That is double what the foundation raised over the previous fiscal year. Joel B. Munson, chief advancement officer, said the surge in support is due to more focused engagement with community members. "We are doing an excellent job connecting individuals and entities with scholarship opportunities and initiatives that advance the passion of our partners." Also, the foundation awarded more than \$1 million in scholarships, awards and financial support to about 500 students in fiscal year 2018. This is the second consecutive year the foundation has provided that level of support and in addition to the more than \$1 million Clark College awards annually.

#Ipromisec Clark College

Good times, mysteries solved at alumni social event

Clark College alumni gathered for the first social event of 2018 at Buffalo Wild Wings in Hazel Dell on May 21, 2018. While enjoying chicken wings, macaroni and cheese and French fries, as the Cleveland Cavaliers took down the Boston Celtics in game 4 of the Eastern Conference Finals, alumni quizzed each other during a friendly game of scavenger hunt. Can you connect these people to their accomplishment?

- Who was a former Clark County Rodeo Court princess?
- Who helped Evel Knievel prepare for his motorcycle jump at Seattle International Raceway in the summer of 1970?
- Who has climbed all the mountains in the Northwest?
- Who comes from a family of 10 children?

The next event is September 25 at 6 p.m. The Jim Raines Athletics BBQ is free and open to all. Enjoy great food and games while meeting new and returning student-athletes. Contact Athletics at 360.992.2259 for information.

Answers: Bryony Melcher '01; Jock Coombe '69; George Welsh '67; Justin Curtiss '09



Bachelor's degree will create new behavioral health professionals



In May, Clark College began officially accepting students into its newest bachelor's degree program. Launching in fall 2018, the Bachelor of Applied Science in Human Services (BASHS) is designed for students who already hold an associate degree in Addiction Counselor Education or a related field. The curriculum offers training in mental health and addiction, reflecting changes in modern health care that combines the two into a field known as behavioral health. Sample courses include Multicultural Counseling in Human Services; Trauma, Grief, and Loss; Practical Family Therapy; and Systems and Social Justice.

Full-time students can complete the 90-credit program in two years. Designed with working professionals in mind, classes are taught in-person two evenings a week, with electives being offered online. The program also provides all the educational requirements necessary to

sit for the Washington Department of Health Chemical Dependency Professional (CDP) exam.

"This degree program answers a need we've heard from local employers, who want professionals who are cross-trained," said Dr. Marcia Roi, BASHS program director and head of the Addiction Counselor Education department at Clark. "It also serves the needs of our students, who historically have not had a straightforward pathway to a bachelor's degree that also meets the educational requirements of the CDP exam."

This is the college's third bachelor's degree program, joining programs in Dental Hygiene and Applied Management.

Learn more at www.clark.edu/cc/bashs

CHANGES IN CLARK LEADERSHIP

Clark College welcomed two new members to its executive cabinet this summer. Dr. Sachi Horback and Stefani Coverson joined the college's leadership team as vice president of instruction and vice president of human resources and compliance, respectively.

Horback has over 15 years of experience in higher education both as a tenured faculty member in psychology and as an administrator. Her most recent position was as district dean for Business and Social Sciences at Pierce College in Puyallup, Wash. While there, she spearheaded the statewide Cross-Institution Faculty of Color Mentorship program. For her leadership, she earned the Bernice Joseph Award from the Western Interstate Commission for Higher Education.

Coverson comes to Clark from Seattle University, where she served as human resources director. Previously, she was the labor and employee relations manager for Seattle Public Schools, and in total has more than 17 years of experience in strategic planning and risk-analysis, collective bargaining agreement negotiations and curriculum development.



Dr. Sachi Horback is the new vice president of instruction.



As a residential designer, George Welsh '67 really knows how to make a patio pop with color and style.



Outstanding Alumni Award

The Stalwart

If you have ever come to an alumni event on Clark's campus, chances are you have met George Washington Welsh '67. He's as devoted to the college as a person can be. As a student during the tumultuous 1960s, Welsh was excited and inspired with his experience. He discovered his love of all things design. From that point on, he thrived in the calmative shadow of the iconic chime tower. As he built his residential design business in the 1970s—Living Design—Welsh began his lifelong dedication to serving others.

This year marks the 17th year Welsh has devoted himself to Clark, having served on the alumni board since 2001 and as president for more than 10 years. Today, he's still on that board, as well as Clark College Foundation's Board of Directors. Welsh and his wife Carol Curtis, also an alumna, have given generously to Clark for 25 years. One of their gifts—the George Welsh Scholarship—supports individuals returning to college who are exploring a course of study to focus on.

Specialized Housing Inc., the Greater Vancouver Chamber of Commerce, Lions Club, Downtown Rotary and Pearson Field Airport and Museum are some of the other organizations that have benefitted from Welsh's loyalty to the community.



A TRADITION OF EXCELLENCE

Clark College alumni are doing remarkable things. We celebrate those who are making a difference on the local and world stage, and at Clark. They are proven leaders. They make substantial contributions to their communities. They produce exceptional achievements. They are among a group of elite individuals who are the pride of our Penguin Nation.

MARVA EDWARDS '90

Outstanding Alumni Award

The Rock in the Corner



“It moves me deeply to see the smiles on others’ faces. People ask me how I can do these things—even going so far as to give away my coat and clothes to help others. And I can honestly say ‘but it was nothing.’ It gives me comfort to help others.” That has been Marva Edwards’90 ministry to others her entire life. She loves people.

“People feel a sense of ease coming to me. Mainly, I listen and show empathy and compassion—and I don’t judge them, because we all make mistakes. I try to treat people as I’d want to be treated.” Her warmth and loving heart guided her into a life of service to others. She organized and began the New Life African Methodist Episcopal Zion Church (AMEZ) in Vancouver and was the board chair of Christian education. Edwards served in leadership roles for the Vancouver branch of the National Association for the Advancement of Colored People, YWCA Clark County and was one of 40 trailblazer women featured in the portrait exhibition “Founding Mothers: Portraits of Progress” in 2016.

Following her education at Clark College, Edwards earned a bachelor’s in theology and eventually became a pastor at AMEZ. She is now enjoying retirement, while still occasionally serving as a pastor.

Photo by Wei Zhuang

Photo by Deanna Leach



MARIE BOSTWICK '80

Outstanding Alumni Award

The Best-Selling Author

“My rule is that life is hard and fiction doesn’t have to be.” The popular fiction that New York Times best-selling author Marie Bostwick ’80 writes always ends on an uplifting note with her characters finding or moving on to a happy place. Her popular books include two different series, called “Cobbled Court Quilt” and “Too Much, Texas.” “I’ve gotten some criticism for that, and I don’t care, because my readers are happy with it and so am I. That’s what helps me get up in the morning; the hope that the happy ending is coming.”

It’s that outlook on life that illuminates Bostwick’s prose and the way she lives her life with her husband Brad Skinner, their grown children and grandchildren. Even though publishing one book a year takes up an enormous amount of her time—60-hours a week between researching, writing, editing, traveling and completing business paperwork—Bostwick still carves out time to do three of her other favorite things: quilt, cook and play with the grandkids.

Bostwick and Skinner provide a generous gift recognizing exceptional student talent in creative writing. The Bostwick Gallivan Award is awarded biannually as part of Clark’s Student Writing Awards.

OUTSTANDING ALUMNI
AWARD

The Outstanding Alumni Award recognizes those who deliver exemplary service to the community and Clark College, and exhibit personal and professional achievements.

-  **READ AN INTERVIEW** with Marie Bostwick at www.clarkcollegefoundation.org/marie-bostwick
-  **LISTEN TO A PODCAST** with Marie Bostwick at www.clarkcollegefoundation.org/patchwork

PATRICK GINN '00

Outstanding Alumni Award

The Real Estate Magnate

Running marathons takes willpower, grit and the doggedness to overcome all sorts of obstacles before crossing the finish line. That's Patrick Ginn '00 in a nutshell. In the last 10 years, Ginn has built a local residential real estate brokerage and land development firm that has closed nearly \$1 billion in real estate. Ginn Realty and Development Group has developed approximately 1,000 lots in Vancouver, with plans to develop another 1,500 over the next 5 years. Ginn's separate construction company provides high-quality new homes for entry-level buyers, investors and those aged 55 and older. And he hasn't even reached the half-way mark yet.

"The knowledge I gained at Clark College has been invaluable in my journey and where I've arrived at today as an entrepreneur."

He now provides valuable insight as an alumnus, donor and business owner as a member of Clark College Foundation's Board of Directors.

A future Penguin was born in March 2018, when Ginn and his wife Jessica welcomed their first child together. Ginn now has even more reason to keep a consistent pace in the marathon of life so that his daughter, Alexia Diane, can walk in his shoes and become a Clark alumna.

Photo by Jenny Shadley

CAMERON '12 & BLAKE '10 HUEGEL



Photo by Nick Bremer

Rising Star Award

The Entrepreneurs

When they were in middle school, Cameron and Blake Huegel joined their family to pick peaches. What the brothers saw was not just delicious fruit, but rather money on trees. "We picked 600 pounds the first time, called our friends and sold them. The next time, we picked 1,500 pounds and sold them on the side of the road," said Cameron. That experience, and others like it, set in motion an entrepreneurial spirit that drives them to this day.

At 23 and 25 years old, Cameron '12 and Blake '10 already run a small eldercare residential home business and own several properties. Premier

Residential Living are adult family homes in Vancouver, Battle Ground and Brush Prairie that house up to six residents each. Their clients' needs range from independent living to assisted living for those with dementia to end-of-life hospice care. Every day the brothers are reminded why they chose this line of work: they love family and these intimate homes allow them to get to know each resident personally.

As donors to Clark, they've made a point of giving back to their alma mater.

And they're helping to educate the next generation of small business owners by speaking at Clark's Entrepreneur Club.

**RISING STAR AWARD**

The Rising Star Award recognizes alumni, aged 35 or younger, who deliver exemplary service to the community and Clark College, and exhibit personal and professional achievements.

Technology ignites diesel learning

by LILY RAFF MCCAULOU

Silicon Valley tech firm moves to Vancouver thanks to Clark Hall of Famer

One of southwest Washington's hottest new technology companies is not housed in a glass-and-steel high-rise, but in a 19th century artillery barracks at Fort Vancouver. The offices have wavy glass windows and pressed tin ceilings. The conference room is filled with Victorian furniture.

Clark Hall of Famer Katie Smith introduced the headset business RealWear to Vancouver.



Alanna Lawrence '18 and Blaize Oasay-Sabug '18 are recent graduates of Clark's Diesel Technology program. Below, Chris Parkinson, RealWear co-founder, introduces the students to hands-free technology.

"Fort RealWear" as it's affectionately known among employees is the anachronistic headquarters of a company that makes small computers that mount on a hardhat and can be operated, hands-free, via voice command. The company, RealWear, makes headsets that are used by industrial workers, such as technicians who climb to the top of wind turbines or are harnessed onto an oil rig.

RealWear's signature headset, the HMT-1, features a small screen that folds down from a hardhat. The screen, about the size of a pack of gum, sits just below the wearer's dominant eye — visible but unobtrusive.

Simple voice commands allow the wearer to open files, zoom in or out, make online phone calls and even operate a Skype-style conference call so that remote workers can see what the wearer is looking at and offer advice.

This fall, the headsets will be worn by Clark College students in the Automotive and Diesel Technology programs. RealWear is donating headsets—which retail for \$2,500 each—so that students can step into the future and practice using the most current technology on the market. In return, they will offer valuable feedback to the company's engineers.

In the story of RealWear, Clark College also plays an important — albeit unlikely — role in bringing the company to Vancouver.





RealWear's high-tech gadget was designed by Chris Parkinson, the company's co-founder and chief technical officer. Parkinson, who grew up north of London, moved to Richland, Wash., in 1996 for a two-year post-doctoral post at the Hanford nuclear site. There he met his wife, Katie Smith, who is a native of the Tri-Cities.

As the Parkinsons married and started their family, Chris spent eight years working remotely for a Boston company called Kopin, developing a tiny computer that can be worn as a headset. In 2014, he left Kopin and negotiated the rights to the technology. He and three business partners founded a company they called WearNext to manufacture and market the headsets. Though Parkinson was working out of eastern Washington, the company was headquartered in Silicon Valley.

By the middle of 2016, CEO Andy Lowery had secured several million dollars in startup funding for the venture which by then had been renamed RealWear. As the company began manufacturing the wearable devices, the businessmen also began to reassess their projected budget.

FORT REALWEAR

For the company to succeed, it would need to grow. Projected costs — especially staff — were astronomical. According to Zillow, the median price of a home in San Jose, Calif., in the heart of Silicon Valley, is \$1.08 million. They searched up and down the West Coast for other options.

Southern California was too expensive. Seattle had too much traffic and wasn't much cheaper.

During their search, Parkinson's wife, Katie Smith, was invited to an event at Clark College, her alma mater. As a student athlete, Katie played on the college's basketball team. In March 2017, she was inducted into Clark's Athletic Hall of Fame.

While she was in town, Katie went on her morning jog and happened to wind through the Fort Vancouver historic site. She stopped to read

a few signs about the buildings being refurbished and offered for rent to local businesses. When she got back to her hotel, she called her husband and suggested he check out the site. He took her advice and suggested to his business partner, CEO Andy Lowery, that they visit Southwest Washington together.

Lowery, who spent 11 years in the United States Navy and 14 years in the Navy Reserves before retiring in 2015, was charmed by the site's military history. Shortly after he and Parkinson saw the area, they signed a five-year lease in the Fort Vancouver National Historic Site that they now affectionately call "Fort RealWear."

The Artillery Barracks at Fort Vancouver has its own connection to Clark. Displayed on the front wall of what is now the RealWear office is a framed photo of Clark College President Robert K. Knight. Before joining the college, Knight, who was a lieutenant colonel in the U.S. Army, served as the last commanding officer for Fort Vancouver. He oversaw the decommission of the military facility.

WARM WELCOME

In addition to the charm of neatly trimmed green grass, stately white military barrack buildings and cul-de-sac traffic flow, a \$200,000 grant from the state of Washington helped sweeten the deal by helping RealWear pay to relocate from California. In August 2017, the company's executives, employees and their families gathered in the space to assemble IKEA office furniture.

City officials in Vancouver laud RealWear as a local success story — an example of Vancouver's ability to lure a Silicon Valley company away from that high-tech destination. And RealWear leaders said they're enjoying life as big fish in the small pond of Vancouver. The city's mayor at the time, Tim Leavitt, who is a Clark alumnus, delivered a speech in the company's new headquarters. The local newspaper, *The Columbian*, reports frequently on RealWear. Washington Gov. Jay Inslee visited the office this spring.

"It's a wonderful feeling to be special," Parkinson said.

WE'RE HIRING

Lowery said some investors were concerned that if the company left Silicon Valley it might struggle to recruit top-notch talent. That hasn't been the case, he said. In fact, RealWear's location has helped the company stand out from its competition when it comes to making new hires.

To recruit an engineer in Silicon Valley, for example, would require offering an annual salary of \$150,000. In Vancouver, where the median home price is \$304,500, RealWear can offer a \$90,000 salary and employees can stretch that money further.

"The cost of living is a lot less here," Lowery said.

For younger employees who want to live amid the urban thrum, downtown Portland — against the flow of rush hour traffic—is a quick, easy commute from Vancouver. For employees with families, the Vancouver area offers relatively spacious, affordable homes. And RealWear isn't competing with Google and Facebook for talent.

RealWear plans to hire an additional 40 employees by the end of the year, and Clark College is poised to provide those workers to the business, complete with first-hand experience with their products.

Parkinson said that as the maker of a product used by industrial workers, it's serendipitous to have an industrial educator like Clark College down the street. Students will be testing the technology and providing quick feedback that helps the company make design decisions.

"It's an exciting partnership," said Don Gonser, professor of Diesel Technology and department chair at Clark.

For Clark students, using the wearable computers provides a valuable preview of life after graduation in the high-tech private sector. That's the kind of experience that makes a Clark education even more relevant in the real world.

In addition to its connection to Clark, RealWear is partnering with engineering students at Washington State University Vancouver to help with the product and software design. The company is designing an internship program for students at both institutions.

“

“The hands-free technology means you can send a junior guy in to mend a turbine and he can use the computer to follow what to do or (use the) video chat feature to get the real-time advice of someone with more experience.”

— *Chris Parkinson, RealWear co-founder*

”

“Our headset is very much about helping to train people,” Parkinson said. One of the most common ways companies use the RealWear computers is by fitting it onto an employee who works in the field but regularly needs to communicate with more senior colleagues.

“The hands-free technology means you can send a junior guy in to mend a turbine and he can use the computer to follow what to do or (use the) video chat feature to get the real-time advice of someone with more experience.”

In other words, RealWear headsets are just one more way Clark helps students prepare for their careers by training with relevant and innovative technology. The hands-on learning prepares them for the 21st century workforce and high-paying jobs. 😊

Lily Raff McCaulou is a journalist whose writing has appeared in *The New York Times*, *The Atlantic* and *The Guardian*. She lives in Bend, Ore.



Using modern technology, Clark students join national research efforts to discover new antibiotics in dirt



Professor Roberto Anitori works with biology students Georgia Tytler and Havan Sabourin.

DNA OF DIRT

by RHONDA MORIN

SOLVING THE ANTIBIOTIC CRISIS

Imagine having a really bad bacterial infection. If doctors knew in a matter of hours—instead of days—what the strain was, they could prescribe an antibiotic to target the nasty bug and begin eliminating it before patients leave the clinic.

Today, there is an answer to those long waits and it all begins with dirt. Clark students are playing a part in the magnificent discovery of cures that lie beneath our feet.

In one cubic foot of soil, more than 30,000 species of bacteria thrive. Buried deep in the guts of those bacteria are some terrific stuff, like antibiotics that help humans fight infections.

For four years, Clark College students have participated in a national study with other colleges and universities—including Yale, University of Connecticut and Washington State University in Pullman—testing soil bacteria for antibiotic activity, as well as identifying bacteria and the chemical structure of antibiotics.

Now, thanks to new technology and an ambitious Clark professor, students are getting the chance to take their research a step further into modern science.

*Listen to the podcast
with Professor Anitori at*
clarkcollegefoundation.org/dna-dirt



DNA IN THE FIELD

Hand-held device technology that was first introduced in 2014 enables researchers to test soil samples in the field instead of relying solely on computers housed in laboratories. Clark College students had their first experience with the device during fall quarter 2017 when Clark Biology Professor Roberto Anitori introduced a new science course to the biology department's curriculum. The device Clark students are using tests soil samples for genetic codes, called deoxyribonucleic acid, more commonly known as DNA.

Anitori has spent his career studying extremophiles—organisms that live in extreme environments. He's worked in Antarctica and also researched extreme organisms that live and thrive in volcanoes, deep-sea vents, underground water tables and radioactive hot springs.

He's taught microbiology at Clark since 2008, receiving tenure last year. And he's an award-winning scientist, having received the Antarctica

Service Medal in 2011 from the National Science Foundation for contributing to the continent's research.

Last September, he launched a new course with the promise of introducing new cutting-edge technology that identifies the genetic makeup of dirt. He caught the interest of potential students by telling them they would be looking for the Ebola and Zika viruses.

The device he's using in class is revolutionizing how scientists study the formation of antibiotics. It is providing an easy-to-use and cost-effective tool that more researchers can access in order to analyze samples outside of laboratories.

Students collect soil samples on and around Clark's 101-acre campus in Vancouver's Central Park during a course they take in the spring. Then they need to analyze the samples. That's where the new biology course—called Small World Antibiotics Research 2B—comes in.

"We take promising bacteria to find out their entire DNA blueprint—what's called DNA sequencing," said Anitori.

It's similar to spelling out the letters in a piece of writing. Once letters appear, words become clear. Once words are known, then the message is clear.

"DNA sequencing spells out the letters of the genetic blueprint of the microbe, which tells us the information that's in the DNA that's telling the microbe to divide now or use these food sources or make this into an antibiotic," he explained.

The difference now is that scientists and Clark students are using technology that is giving them real-time results. All they need is this hand-held device, a laptop, software and an internet connection.

MinION

The device that is changing the way—and where—scientists conduct their work is called a MinION pocket DNA sequencer. Despite the similarity in the name, it's not related to the computer-animated comedy film that was released in 2015. Rather, it's manufactured by Oxford Nanopore Technologies from Oxford, United Kingdom.

It's a tiny device, less than half the size of today's smart phones. It requires using a micro pipette to slowly drip droplets of liquid into a pinhole-size opening. Then, like a flip-phone, the cover flips into place and the unit connects to a laptop using a universal serial bus (USB) port. Once the start button is pressed, a whizzing sound occurs and the analyzing begins.

"We will get millions and millions and millions of letters from this device. The trick is you then have to put it together," said Anitori. "The device gives you torn-up pieces of a blueprint. We then use the computer software to put the pieces together."

This is where Clark students begin their search.

"It's called mining the genome. We also look at online databases to look for the genes we're interested in such as the recipes that tell the cells to make an antibiotic," he said.

GAME-CHANGER

There is an antibiotic-resistant crisis going on. Dr. Margaret Chan, former World Health Organization director-general, cautions that resistance to antimicrobials is not a warning for the future. It is a global threat today.

"With few replacement products (antibiotics) in the R&D pipeline, the world is heading toward a post-antibiotic era in which common infections will once again kill... This may even bring the end of modern medicine as we know it," said Chan in a speech to United Nation member states in New York in 2016.

Bacteria live in soil and make antibiotics. Having the ability to test the soil quickly or in the field gives scientists a time advantage in solving the global antibiotic crisis.

"The great thing about this technology is that it has democratized DNA sequencing," said Anitori.

It took 15 years and \$2.7 billion for scientists to complete the genetic code for the entire human genome, according to the National Human Genome Research Institute. A genome is the full genetic makeup—DNA—present in a cell or organism.

"Now they can do it in a day or two for about \$1,000," said Anitori.

RESEARCH AT CLARK

Anitori secured the device for his course by calling Oxford Nanopore Technologies.

"I've always believed in my career that if you want something you just have to ask for it," he said.

So he contacted Oxford Nanopore Technologies and asked them if they partner with higher education institutions. In fact they do, they told him.

"They offered \$9,000 in supplies to run the class two times through fall 2019."

The 14 students who were enrolled in the first course had several opportunities to navigate the four donated devices. No new antibiotic discoveries were made—yet.

WHAT'S NEXT?

Anitori has enough supplies to run the course a second time.

"I got the class off and running and now we'll have to find alternative sources of funding for beyond 2019."

This biology course, as well as the soil-gathering course called Small World Antibiotics Research 1 that runs during spring term, are intended to get individuals excited about science and elicit enthusiasm to discover. Having access to modern technology and the opportunity to do research that is relevant to science today prepares students for their careers and personal goals. 🧐



LEARN how
you can support
students' research on
antibiotics.

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Discovering the genetic code for the entire human genome took 15 years and cost taxpayers \$2.7 billion.

"Now (scientists) can do it in a day or two for about \$1,000."

— Clark Biology Professor Roberto Anitori

Sharing Life's Abundance

by RHONDA MORIN

Growing up poor motivated Sanford Jones to pursue a physics degree. Now long retired, his appetite for all things cuisine and virology has led to a major gift to Clark.

The backyard view of the Arizona home of Sanford Jones and Carol Ewing. Photo by Jon Shroyer.



Carol Ewing and Sanford Jones. Photo provided by Sanford Jones.



From his earliest memories as a young boy in Atlanta, Georgia, and growing up in Cleveland, Ohio, Sanford Jones wanted to be a scientist.

“I mixed things in my mom’s kitchen. Any household chemicals—vinegar, cleaning solutions,” he said.

Jones followed his passion all the way to a successful career at NASA. Now as a retired scientist, he’s focused on helping the current and future generations of students by supporting Clark College Foundation through a charitable remainder trust.

CHALLENGER EXPLOSION

Before the Space Shuttle Challenger exploded on a sunny January day in 1986, it had flown nine successful missions. Next on the schedule was the launch of Space Shuttle Atlantis, equipped, like the Challenger, with an orbiter.

The man in charge of building the Atlantis orbiter remembers the sinking feeling in his stomach as he learned about the aircraft suddenly and violently blowing up, killing all seven crew members aboard.

“I heard about the explosion first when I was in a meeting and then watched the aftermath on television. There were a lot of changes that had to be made for years and it was a long time before the space shuttle got to launch again,” said Jones, 78.

In the 1980s, he oversaw the construction of an orbiter for the spacecraft Galileo at the Jet Propulsion Lab, a research, development and NASA field center in Pasadena, Calif. Orbiters are robotic crafts that explore outer space.

Jones’ orbiter was contained within the Space Shuttle Atlantis which was parked at the Kennedy Space Center’s launch pad in Florida undergoing final preparations. Then on January 28, 1986, the unthinkable happened: the Challenger exploded 73 seconds into its flight.

The disaster immediately shut down the shuttle program, including sidelining Jones’ orbiter, for two and a half years while investigations occurred.

Jones had already completed his work months before the Challenger accident, and had already moved on to other projects, including personal goals. But his connection to the tragic event would forever remain on his mind.

YOUNG SCIENTIST

Coupled with his fascination of science was his ferocious appetite for reading. Diving into adventure stories, old Greek classics, philosophy, scuba diving and science fiction was a regular habit.

“I read a book every two to three days for 60 years. I’d take the bus to the library and check out two or three books – that was the maximum you could take out. Then I’d go back the next day for a fresh stack of books. I was a stereotypical nerd,” he said.

Jones developed studious habits early on and “never got a B in my life.”

Growing up in a modest household, Jones came to realize he wanted more prosperity in his life. By studying hard, he knew he could become the scientist he dreamed of being.

“I grew up poor. I never remember a day going hungry, but it meant I didn’t have things,” he said. “When I decided to be a scientist, I knew to do that you had to go to college. I then focused on high school to earn my way into college.”

The hard work paid superb dividends. He received a partial scholarship to attend the prestigious Case Institute of Technology (now Case Western Reserve University) in Cleveland, Ohio, and graduated with a bachelor’s in physics in 1962. Education was already helping him fulfill his aspirations.

Eventually, he landed at NASA’s Lewis Research Center in Cleveland, working for a decade with electronic propulsions and building a tiny engine that turns a space craft. The work in Cleveland led him to the NASA field center in Pasadena.

A LEGACY BEGINS

Life in California was productive, rewarding and opened up new experiences for Jones.

He married Carol Ewing, his second wife, in 1993. She was a chemist at Hughes Aircraft Company, an aerospace and defense contractor in El Segundo, Calif.

In addition to their demanding careers and participating in the raising of four children from Jones’ previous marriage, the couple dabbled in acquiring real estate.

“We traveled a lot for work and often bought real estate during those trips. We used to buy houses and fix them up, then rent, sell, refinance or buy other properties,” Jones said.

Upon retirement they moved north, finding land in Camas, Wash., where they built a dream home, and also purchased a second home in Arizona. Over time, they came to own more than 100 units in the Portland Metro area, Salem, Beaverton and Sandy, while running a property management business. The couple also own an ARCO gas station in Sandy, Ore., and a Vancouver office building.

As members of the Southwest Washington community, Jones and Ewing have been involved in a variety of activities and associations, and started their own group—the Wine and Food Society of Clark County.

“I collect wines and scotch and Carol and I like good food. So I founded the Wine and Food Society with business partner Dan Foster in 2006,” said Jones of the nonprofit that promotes wine and cuisine education and research in the region.

It was through this charity that Jones connected—and became a major financial contributor—to Clark College.

“Carol and I had been familiar with Clark for some time. We were season ticket holders for Clark’s

Theatre performances. I was interested in expanding my support through the Wine and Food Society, so Russell Brent (Clark College Foundation Board of Directors member) introduced me to (Clark president) Bob Knight,” Jones said.

The results of that connection are transformative for Clark students.

The couple set up a charitable remainder trust (CRT) with Clark College Foundation that will be funded, over time, from the sale of their real estate. Charitable remainder trusts allow individuals to give to charity, while saving taxes (see sidebar).

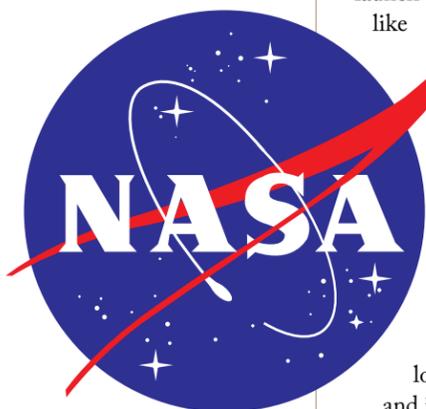
For Jones and Ewing, a charitable remainder trust makes sense because they can provide empowerment through education, giving others opportunities for success like they have had in their lives. Given the couple’s interest in food and wine they are particularly enamored with Clark’s Cuisine and Professional Baking programs.

“We like to support local enterprises and Clark is a local institution. It is the best opportunity for increasing the number and quality of culinary students in Clark County.”

In addition to the CRT, the couple have also supported scholarships since 2007. The Wine and Food Society of Clark County provided a \$10,000 gift at the opening of the Tod and Maxine McClaskey Culinary Institute during a ribbon-cutting event on November 28, 2017.

Jones was so excited about the opening of the culinary institute that fall day that he provided an extra \$5,000 personal gift for scholarships.

“Our contributions are about helping support the students in culinary—the chefs yes, but also all the phases of it. Being a good cook is not enough; you have to have business sense,” he said. 😊



Support Clark, gain tax-free assets

Sanford Jones and Carol Ewing asked Clark College Foundation to work with a local attorney to set up a charitable remainder trust (CRT). As a result, the couple will receive a large income tax charitable deduction in 2018 and more in future years. Here’s how it works:

- The CRT sells their real estate without paying any capital gains taxes.
- In the year after the property sells, the couple starts receiving 6 percent from the CRT’s proceeds, compared to the 3 percent they were getting from rent.
- The assets of the CRT are invested and grow tax-free.
- The CRT continues to pay 6 percent of its value as long as they are living.
- Sanford and Carol determine what area at Clark College they want the proceeds to support after their joint lifetimes.



LEARN MORE BY CONTACTING

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We encourage you to speak to a professional adviser or contact Clark College Foundation.

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— Sanford Jones. He and his wife Carol Ewing set up a charitable remainder trust with Clark College Foundation in 2018.

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TATS AND TOYS

by RYAN CUNNINGHAM '14

Clark alumnus softens the sting of traditional tattoo parlors with family charm

In the tattoo industry, the artists who create the intricate designs are easily assumed as being tough guys or gals. Potential customers nervously peak into the heavily painted window fronts to determine if they even dare enter, let alone expect to receive a warm and welcoming customer service experience.

Clark alumnus and artist Jerry Patton Jr., 38, keeps a fresh stock of collectable toys near his work space. His clients are more apt to talk with him about their family dinners and canned good drives than their fears about the tools used to paint their tattoos. This is deliberate; family is at the core of Patton's mission in his tattoo business.

A husband and father of one daughter with another girl on the way, he is known to his family and fans as "Darth Daddy" for his love of drawing Star Wars characters. He's got his own vision and often draws from comic book characters in his work as an artist.

A lifelong entrepreneur, Patton has more ideas than minutes in the day. He used to go to sports card stores and purchase comic book character cards, then resell them—at a profit—to a comic book store where he worked. Later, taking courses at Clark College, such as marketing, added to his repertoire.

Patton got his start working in a comic book store in the Orchards district in Vancouver, Wash. He is a fan of unique artistry styles and quickly recognizes the flair of particular artists. He got to know Chris Rohaley, known as Chris51, a tattoo artist who is well-known in the industry. Chris51 came to Patton's shop to "nerd out" with Patton's old-school toy collection. Shortly after they met, Chris51 recruited Patton to be a part of a team called the GeeksterInk Legends, a tattoo touring group featuring geek-culture artists.

"That guy's a legend himself. I couldn't believe he even knew who I was!" said Patton.



Clark alumnus and artist Jerry Patton Jr. at his shop in East Vancouver.

Meeting Chris51 helped transport Patton's career to the next level, including traveling on numerous tours to New Orleans, the Mexican island of Cozumel in the Caribbean and Comic-Con Conventions throughout North and Central America.

Back in Southwest Washington, Patton has opened a store in East Vancouver that is more than a tattoo shop; it is a retail toy store too with items from vintage merchandiser Toy Hunter.

Patton hopes that creating a whimsical environment will chip away at the stereotypes people have of tattoo shops. His GeeksterInk Legends branded store will also be a place for artists to hang out when they visit the area.

With deep roots in Clark County, his successful studies at Clark College and his ambitious business plans, Patton will continue to press for changing the personality of tattoo shops through clever marketing, community connections and enjoyable retail experiences. 😊

Ryan Cunningham '14 is an employment specialist at WorkSource Southwest Washington.

Successful studies at Clark College and ambitious business plans helped Jerry Patton press for changing the personality of tattoo shops.

THE 60'S

Arnold "Arnie" Dyer '66, retired Evergreen High School English teacher, was appointed to the advisory council of the Area Agency on Aging & Disabilities of Southwest Washington.

Stanley Nelson '62, retired regional architect with the Washington State Department of Transportation (WSDOT) Southwest Region, passed the technician, general and extra class tests and earned his HAM radio license (KF70JA). He is currently involved with club activities and parades providing security communications. Nelson is the husband of Norma (Finck) Nelson with whom he will celebrate 55 years of marriage in 2018. He is father to son **Raymond Nelson '92**, instructor at Cascadia Technical Academy and daughter Denise Benville of Acworth, Georgia.

THE 70'S

Peggy Sheehan '79 joined the board of Human Services Council and is serving as secretary/treasurer.

THE 80'S

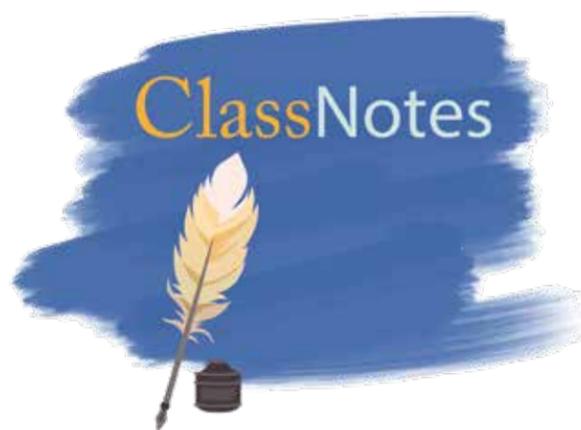
Susan Galaviz '85 was appointed board chair for KXRW.FM, the newly formed nonprofit sister station to Portland's XRAY.FM, where she works as a marketing consultant.

THE 90'S

Nancy Baker '90 joined the board of the Vancouver Energy Community Fund.

Jennifer May York '99 wed Lori Mae Swanger on May 10, 2018.

Years are based on when alumni either graduated or last took a course at Clark College. Send submissions and corrections to foundation@clark.edu. Write Class Notes in the subject line of the email.



THE 00'S

Brittni Allen '05 and Austin Lasseigne were married April 7, 2018. Lasseigne is the director of philanthropy for YWCA Clark County.

Patrick Ginn '00 and wife Jessica welcomed a healthy baby girl, Alexia Diane Ginn, on March 30.

Morgan Hutchinson '06, co-owner of High End Marketplace joined with three other business partners to open Funky Fresh Juice in downtown Vancouver. Funky Fresh Juice was recently honored with the 2017 Small Business Grant from Greater Vancouver Chamber of Commerce.

Bryony Melcher '01 joined the Clark College Alumni Board's Athletics committee. Melcher is a 2016 inductee into the Clark College Athletics Hall of Fame.

Dan Trujillo '02 joined the team at The Reflector, Battle Ground's local newspaper, as a reporter. Trujillo spent the last 12 years as a sports reporter for the Camas Post-Record.

THE 10'S

Nicole Shannon Arnold '10 and Amanda Leigh Brown were married in Vancouver, Wash.

Barbara "Dani" Bundy '17 accepted a new position as organizational change management coordinator for the Washington State Board for Community and Technical Colleges. She most recently served as student affairs ctLink operations manager and student affairs liaison to the Guided Pathways initiative at Clark College.

Courtney Braddock '16 joined the board of the Vancouver Energy Community Fund.

Alec Cook '17, currently third baseman for Linfield College, signed a 10-day contract with the Corvallis Knights for the 2018 season. The Knights are a collegiate summer baseball team located in Corvallis, Ore.

Jonathan Dutson '18, a graduate of the Machining program and former student ambassador at Clark, accepted a job at Howser Steel in Portland.



Audreyana Foster (right) seen here in 2012 with classmate Debbie Peters.

Audreyana Foster '15 started a new position as customer service engineer at ASML, a semiconductor company.

Devin Gaughan '17 joined the team of Sigma Design. Gaughan is a former firmware technician for Hewlett-Packard and is working toward a degree in neuroscience at Washington State University Vancouver.

Christina Gay '12 was recognized in April in The Columbian for her academic and career accomplishments. Gay was a recipient of the I Have a Dream Program scholarship in 5th grade while attending Hough Elementary School in 1995. With the program's support, she earned a registered nurse credential at Clark College and a bachelor of science in nursing at Washington State University Vancouver. Gay is now nearing her fourth anniversary as an RN for Legacy Salmon Creek Hospital.

Brison Manandic '18, a Running Start student from Camas, Wash., joined the FC Portland Football Club.

Takunda Masike '16 accepted a summer internship at the University of Wisconsin Madison in which he will assist in building chemical sensing and imaging capabilities using a quantum defect in a diamond structure.

Richelle McMann '13, licensed massage therapist, is the new owner of Self Balance Massage Inc.

Leslie Minton '12 and Sarah Kotz '13, both of Gibsonton, Fla., were married in Clark County.

Carlee Sanders '11, of Washougal, wed Brian Smith, of La Habra, Calif., in Bellingham, Wash., on November 5, 2017.

Sigma Design hired **Jefferay Watson '16** as a test engineer. Watson has worked in the tech industry in Portland and Vancouver since 1997.

Ezekiel Wells '15 was promoted to juvenile probation associate at the Clark County Juvenile Court.

CLASS DATES UNKNOWN

Roberta Giovannini joined the board of the Salmon Creek Kiwanis Club as its secretary.

First-generation college student **Ramon Hernandez** joined the Peace Corps in Morocco, North Africa, following his graduation this spring from Washington State University Tri-Cities.

Allison "Allie" Magyar, CEO of Hubb, an event management software firm in Vancouver, Wash., is a finalist for the competitive Entrepreneur of the Year Pacific Northwest award presented by EY (formerly Ernst & Young). Additionally, Hubb was named the Emerging Technology Company of the Year by the Technology Association of Oregon in May 2018.



THE 30'S

Dollie Beers '37

THE 40'S

Peggy Tully Bledsoe '49

THE 50'S

Robert Atkins '57
Darrell Brandenburg '54
Virginia "Ginger" Hansen '52
Joseph Harrell '50
Rudolph "Rudy" Luepke '53
James Proctor '52
John Ulrich '59

THE 60'S

Joan Keene '63
Laura Klein '66
Patricia "Pat" Lindgren '64
Aivin Reichenberger '64
Peggy Presler '68
Virginia "Lulu" Schonberger-Cusic '62

THE 70'S

Felix Bessler '70
Olive Brosius '71
Roger "Scott" Davis '76
Raymond Haagen '74
Linda Hervi '76
Margie "Genie" Hoffman '74
Doris "Dolly" Jendro '76
Patricia "Pat" Madsen '74
Mary Stecher '70
Livina Mills Strain '74
Larry Ward '70
Gerald "Jerry" Weaville '73

CLASS DATES UNKNOWN

Winford "Winn" Fletcher
Kay Hendrickson
Phyllis Hutchinson
Neatha LeFevre
Michelle McGinnis
Donald "Don" Merwin
Jonathan Patterson
Carol Wolf-Winters

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Love for movies turns into TV news career



Kandra Kent '10 has worked for Fox 12 since 2016. Photo by Jackson Hogan, The Daily News

Kandra Kent '10 was featured in The Daily News about how she broke into television news as a reporter. She told the Longview, Wash., newspaper that she "was pretty terrible at the beginning. But you just learn so much, and it was a great opportunity to learn about being a reporter and being on TV and putting together a story."

Kent started her career as an intern at NBC-affiliate KTVZ in Bend, Ore., in 2012 and was later hired on full time. In 2016, Kent took a job with Fox 12 in Portland, serving the country's 22nd-largest market. Read more at <https://bit.ly/2McyqvZ>. Reprinted by permission from The Daily News.



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