

Battling stereotypes, they found success



Qi Wu and Tammy Senior are Clark College's representatives to the 2016 All-Washington Academic Team.

Two outstanding Clark College students were selected to attend the 2016 All-Washington Academic Team Recognition Ceremony, held on March 24 at South Puget Sound Community College in Olympia, Washington. Tammy Senior and Qi Wu are two of just 66 students from community and technical colleges across the state to receive this honor, which recognizes students for their academic excellence and service to the community.

At first glance, Senior and Wu don't seem terribly similar. One is young even by the standards of Running Start, a program that allows high schoolers to take college courses; the other is coming back to college after serving four years in the

military. One has spent her whole life in Vancouver; the other has lived in more countries than she can count on one hand.

But on closer inspection, certain parallels become clear between the two young women: They're both fascinated by science and technology. They both are driven students who make time in their busy schedules to serve their communities. Both have had to challenge others' assumptions and figuring out creative ways to get around obstacles in their educational journeys. And so far, both are succeeding impressively.



Clark student Qi Wu stands before the college's new STEM Building, slated to open in fall 2016.

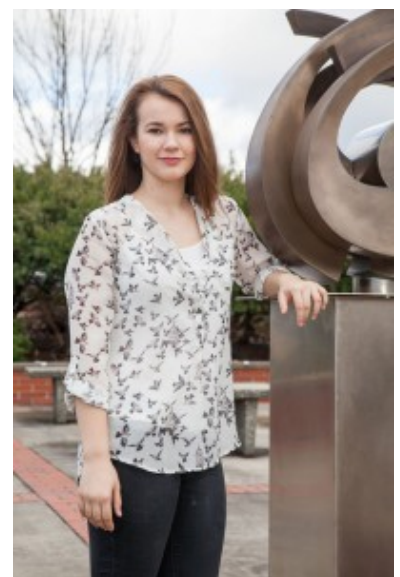
Wu's obstacles began surfacing when she and her mother emigrated from China to the United States. Wu, then a sophomore in high school, struggled to maintain her grades while learning a new language in a new culture. She also found herself confronting gender stereotypes, as classmates and teachers assumed she would be more interested in subjects like art and the humanities instead of math and science.

"When I was growing up, I was always better in physics and chemistry," she said. "I like numbers, I like logic. When I came to Clark and took my first engineering course, it was like, 'Wow, this is where I belong!'"

However, soon a new hurdle appeared. Wu, whose mother had remarried and had another child, realized her family could not afford to pay for her college education. Hoping to support herself, she enlisted in the U.S. Navy in 2010 as an aviation mechanic, and took every opportunity to earn educational credits and develop new skills—despite the doubts some had of the petite young woman’s abilities.

“When I got transferred to Japan, my supervisor told me, ‘Well, you can do the desk job here, because you’re a girl,’” Wu recalled. “And I said, ‘No. I want to do the job I trained for.’”

Wu said that overall, she’s grateful for the opportunities the military provided her to travel and learn skills that will help in her electrical engineering career. She’s currently receiving scholarships from Clark, which allows her to save her military education benefits for the more-expensive, four-year institutions she hopes to attend one day to earn her master’s degree. She also works in Clark’s scholarship office herself, and spends weekends training as a Naval Reservist.



Clark student Tammy Senior says she’s been impressed by how welcoming the

college was to her, even when she took her first class at age 14.

Like Wu, Senior's challenges also began in high school, but they were of a different nature: She felt stifled. "I wasn't being challenged enough," she recalls. "I took a class at Clark and found it so much better."

Senior's family couldn't afford to pay for a full load of college classes out of pocket, and when the 14-year-old visited Clark's scholarship office, she discovered she was too young to qualify for financial aid or scholarship opportunities. Then, the scholarship staff offered a new possibility: Perhaps Senior could enroll in Running Start, the Washington State program that allows eligible high school juniors and seniors to take college classes tuition-free. The only problem was that Senior was still a freshman. She wound up skipping the 10th grade in order to qualify, enrolling at Clark as a full-time student at age 15.

"It was definitely interesting," Senior, now 16 and set to graduate in the spring, said with a grin. "But Clark's pretty welcoming, and I really thrived in the community here."

Senior has maintained a 4.0 GPA while taking classes in Clark's challenging Honors Program, volunteering with her church, teaching private music lessons, and serving as the vice president of leadership for Clark's chapter of Phi Theta Kappa, the international honor society for two-year colleges. She'll be 17 when she enters a university—potentially with junior standing, depending on where she attends.

"People ask me, 'Why don't you enjoy your high school years?'" Senior said. "But I'm a planner. I think ahead. My mother wasn't able to finish school because she started a family. I know I have a lot of school ahead of me, and this is a way to

speed things up.”

Senior hopes to become a neurologist, a goal developed when her beloved grandmother suffered a series of debilitating strokes in 2014. Like Wu, Senior faced some skepticism about her ambitions.

“When I tell people I want to pursue a career in neurology, sometimes they look at me strangely and say, ‘Oh, why don’t you go into nursing, so you have time for a family?’” she said. “But I know I can do it. I can have a family. I can have the career of my choice. I just have to work hard. And you know, they would never tell a male student that.”

Both students say they appreciate the support they’ve found at Clark. “I like the diversity here,” says Wu, a first-generation college student. “Engineering professor Izad [Khormae] is from Iran. My physics teacher is from Russia. I think half the STEM faculty are women. And then in my classes I’ve met a few other veterans. You get so many different experiences here, different cultures.”

Wu and Senior were honored for their achievements at the All-Washington Academic Team induction ceremony on March 24, 2016, in Olympia, where Gov. Jay Inslee was the keynote speaker. The All-Washington Academic Team is a program of Phi Theta Kappa, the international honor society of two-year colleges. Team members are eligible for numerous scholarships, including transfer scholarships at most four-year universities in the state.

“It is such an honor,” said Senior, sitting with Wu during a break between classes.

“It’s nice for your hard work to be recognized,” adds Wu.

“Yes, you feel like your hard work is finally paying off,” said Senior.

Photos: Clark College/Jenny Shadley

Two Global Journeys Reach Success



Martin Parrao, *left*, and Lidiya Nikolayev, *right*, are Clark's 2015 representatives to the All-Washington Academic Team.

Two students whose stories began on almost opposite sides of the earth have found success in the face of adversity at Clark College. Martin Parrao and Lidiya Nikolayev represented Clark College at the 2015 All-Washington Academic Team Recognition Ceremony, held on March 26 at South Puget Sound Community College in Olympia, Washington.

About Lidiya Nikolayev

About Martin Parrao

About the All-Washington Academic Team

About Lidiya Nikolayev

Lidiya Nikolayev, 30, came to the United States with her parents from Moldova when she was almost 6 years old. From early on, she displayed a head for business. “When I was 12, I met a nice lady who’s a real estate agent, and she taught me to read contracts,” recalls Nikolayev, who speaks English, Turkish, Russian, and Hindi. “My family had a side business buying homes and fixing them up to resell, so I started helping with that.”

Small wonder, then, that Nikolayev is now pursuing a career in finance. But there is a more personal and painful reason for her interest as well. The truth is, she began to hone her financial acumen while caring for her son, Ivan, who was born with cerebral palsy. Faced with daunting medical bills and limited income, Nikolayev became expert at managing a budget. Ivan passed away in 2011; as Nikolayev recovered from her trauma, she became determined to go to college and find a career that would not only make her self-sufficient, but allow her to create family-friendly jobs for other parents. “No parent should have to sacrifice time with their children to have a career,” she says. “More companies in the corporate world should be creating work environments with flexible schedules that allow employees better balance between work and family responsibilities.”

Nikolayev enrolled at Clark in 2013, and quickly gained notice for both her aptitude and drive. She has just finished a quarter in which she took a staggering 22 credits, divided between classes at Clark College and at a community college in Texas, where she is enrolled in online courses. This is even more challenging than it sounds—because the Texas college is on a semester system and Clark uses a quarter system,

Nikolayev can be prepping for a midterm in one class while taking a final in another, and she rarely gets a vacation since one or the other of her schools is almost always in session while the other one is on break.

Nikolayev devised this strategy to facilitate a possible transfer to the University of Texas at Dallas, whose business program she admires. "For six months I bothered the heck out of both colleges' advising and credentials departments figuring it all out," she says with a laugh. The plan worked: Nikolayev has been accepted at UTD, as well as at multiple other universities, though she is still weighing her options before deciding on a transfer destination.

In addition to her turbo-powered studying, Nikolayev continues to help with her family's farm; serves as student representative on many of the college's administrative committees; and volunteers with both Phi Theta Kappa and the Association for India's Development. In 2014, she earned an OSWALD Award from Clark College Student Life for her volunteer activities. And she has maintained a high grade point average all the while. Her secret? Not a lot of sleep and a whole lot of personal organization, plus using the flexibility of online learning to do coursework when it fits her schedule.

Nikolayev says she learned her work ethic early on from her parents. In addition to farming and investing in real estate, her father does seasonal work at factories, while her mother worked 14-hour shifts as a housekeeper during Nikolayev's childhood—often taking night shifts so she could spend the days taking care of the children.

"I'm going to be the first person in my family to get a bachelor's degree," Nikolayev says. "I'll work as hard as it takes to get there."

About Martin Parrao

When Martin Parrao's family moved from Chile to the Pacific Northwest in 2006, Parrao was already 15 years old. He spoke no English. "The process of learning English has been one of the longest and most difficult challenges I have ever faced," he says. "Going through high school was very difficult for me, but I was determined to work extra-hard so that one day I could reach my goals and prove to my parents that their efforts to come to this country were not in vain."

That hard work paid off: Parrao went from taking English as a Second Language classes to graduating from Battle Ground High School with honors in 2009. He enrolled at a four-year university, but quickly encountered a new challenge. "I took one class, and it was super-expensive," he says. "I couldn't afford to keep going."

Parrao, 24, is a legal resident of this country, but he is not yet a citizen. This means that up until recently, he could qualify for in-state tuition, but not for federal or state financial aid. A 2014 Washington state law called the "Real HOPE Act" now allows students like Parrao to be eligible for state financial aid, but at the time, Parrao found himself facing thousands of dollars in tuition each quarter, even if he attended part-time, with no hope of assistance.

Parrao regrouped. He dropped out of university, realizing that his limited funds would go farther at Clark. Even so, he had to work for months to save enough money to take a single class, meaning that for his first three years at Clark, he could only afford to take one or two classes a year.

At the end of 2011, another challenge emerged: His family decided to return to Chile. Many young people might have taken that as a sign to give up, but Parrao became even more determined to pursue his dreams. "For me, just the sacrifice of having to learn a whole new language when I was 15, and working so hard to graduate high school with honors—to go back would mean all that effort was wasted," he says.

Parrao began applying for scholarships, working closely with Clark College Outreach/Scholarship Coordinator Lizette Drennan to identify opportunities. "Lizette was a great help," Parrao says. "Every time I had a question, she was there for me." The work paid off in 2013 when Parrao received a scholarship that allowed him to begin attending Clark part-time, followed by another that allowed him to become a full-time student.

At first, Parrao wanted to get a terminal two-year business degree; he assumed he wouldn't be able to afford more than two years of college. But as he continued to excel in his coursework (he currently holds a 3.96 grade point average) and as scholarships and the Real HOPE Act began to make attending college full-time affordable, he realized that he could do more. "I realized, 'This is the moment,'" says Parrao, who is engaged. "Because if you go out and work full-time and get married, you will not be able to do everything you can do right now."

Parrao chose to return to Clark to complete a transfer Associate of Arts degree. He plans to transfer in the fall to the Washington State University Vancouver, where he will pursue a bachelor's degree in Accounting. Meanwhile, he continues to work two jobs—as a computer lab aide in Clark College's Tech Hub, and as sales support for an industrial supplies company. He hopes to one day run his own business so he can provide jobs and scholarships to those who, like him, have more potential than resources.

Parrao says he greatly appreciates the opportunities provided to him by employers, friends, scholarship donors, and Clark College. "For my situation, this is probably the only way I could ever have done it," he says. "It made me realize how important it is to have opportunities for everyone. And that was given to me at Clark. It's changed my life."

About the All-Washington Academic Team

The All-Washington Academic Team is a program of Phi Theta Kappa, the honor society for two-year colleges. The team honors students who demonstrate a commitment to success in the classroom and service in their communities, and has become the showcase of the Washington community and technical college system. This year's team consists of 65 students representing all the state's 34 community and technical colleges.

Gov. Jay Inslee was on hand to acknowledge recipients at the 20th annual ceremony, hosted by South Puget Sound Community College in Olympia, Wash. Phi Theta Kappa, the Trustees Association of Community and Technical Colleges (TACTC), the Washington Association of Community and Technical Colleges, and the State Board for Community and Technical Colleges sponsor the event. All-Washington Academic Team members received scholarships from KeyBank and became eligible for scholarships from TACTC, the Washington State Employees Credit Union, and transfer scholarships from all four-year colleges and universities but one in Washington State.

Photos: Clark College/Jenny Shadley

Teaching Students to Fish



Members of Clark's Phi Theta Kappa chapter, Alpha Sigma Phi, hand out CollegeFish goodies at the Involvement Fair to increase awareness in the program.

As tuition at many four-year institutions continues to soar, many students have realized the value of spending their first two years of college at a community college. New studies show that the majority of community college graduates who go on to four-year colleges do so successfully, and the economic advantages of the "2+2" plan have been publicized in the media for years.

But while many students enter Clark confident in their transfer plans, they sometimes begin to feel lost or overwhelmed at some point in the process. After all, aren't they supposed to be focusing on their time at Clark, taking in all the school has to offer? Well, yes—but early planning is critical to transferring successfully.

So where does a student even start? There are a number of resources available to students: Advising Services, the Career

Center, our WSU Vancouver Transfer Coordinator, and so on. And this fall quarter, a brand-new tool will be available for Clark students who have indicated they intend to eventually transfer.

CollegeFish.org is a free database and transfer-planning tool for community college students that's been developed and maintained by Phi Theta Kappa (PTK), the honor society for two-year colleges. CollegeFish was originally developed for members of PTK to use in their planning; however, through a Bill and Melinda Gates Foundation grant, PTK was given the opportunity to refine the tool and open access to all students in specific pilot states.

Clark College is one of several colleges in Washington that are partnering with PTK to roll out CollegeFish access. CollegeFish allows students to create a personalized profile of their transfer institution preferences—size, location, major, and cost—and provides recommended transfer matches based on those preferences. CollegeFish also creates a Transfer Success Plan for students, so they can customize their higher education journey and manage it to stay on track. Lastly, when students access CollegeFish.org, they have the opportunity to search for more than \$37 million in transfer scholarships.

Clark PTK advisor Melissa Sinclair says that staff and faculty will soon receive an email with some basic information about CollegeFish.org, as well as an invitation to a training session to learn more about the website's functionality. Eligible students will receive an email in October alerting them to the resource.

Photo: Clark College/Jenny Shadley