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We Love You, Rosenburgs

Mr. and Mrs. Rosenberg plan to retire after teaching for over 20 years

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After shaping students' lives through quiz bowl, coaching football, and heading the math department respectively, Daniel Rosenberg and Tamie Rosenberg have contributed to over 20 years in our academic community. The two are preparing to retire at the end of this school year, leaving a big impact on both students and staff.

"Well, we don't usually teach alongside each other, so we have really kept our professional life pretty separate. The only time we were really together was when we first started teaching; he and I were on the same team. We were on teams that had a math, social studies, science, and language arts person, and we were on the same team then, and that's actually how we met," T.Rosenburg said.

While the couple does spend time apart during the day, they enjoy little things like the drive to and from school together to talk about how their day was or what they have going on. The sharing of a profession created a new level of understanding between the two, allowing them both to lead prosperous careers and be the best version of themselves in and out of school.

"It's really helpful to be in the same building because we understand each other. I get what stressors are, and she gets it for me. We can vent to each other, and then we can kinda move on together. It's been very supportive over the years," D.Rosenburg said.

The Rosenburgs' influence has gone far beyond what classes they teach, but also the connections they have made with the students over the years. Many students are lucky enough to have both of them for different classes. Mirabel Cole, a junior, has had both teachers in the past year and has felt the impact that they have made

on her life. T. Rosenberg teaches Geometry and Algebra I, but also has a background in biology, D. Rosenberg teaches World History and Intro to Psych with having taught AP World in the past.

"I'm really sad [they are retiring], I've had Mrs.Rosenburg for 2 years straight, she literally knows everything about me, and she is like my comfort teacher. I can't believe she is leaving and won't be

teachers," Cole said.

The bond between students and their teachers is especially important, and the Rosenburgs understand the significance and the difference it can make in a student's school life. The Rosenburgs have found something they are both extremely good at, almost like they were meant to be teachers. However, D. Rosenberg didn't have the same path to teaching as



Mr. and Mrs. Rosenberg on their last first day of school after teaching together for many years and ultimately meeting as teachers.
Photo Credit: D. Rosenberg

here for my senior year, which makes me sad to think about. I'm really upset that Mr.Rosenburg is retiring too, because he was my favorite teacher last year and his class was probably my favorite class in high school. I'm really sad they are leaving because they are literally my two favorite

T.Rosenburg.

"I always wanted to teach ever since I was in elementary school. Me and my sister played in our basement and we would play school. I would always teach my sister math. It's just something that I always really really wanted to do,"

T.Rosenburg said.

Students like Cole find the Rosenburgs extremely approachable and fun people. From walking down the hall and hearing T. Rosenberg's laugh, to talking about the lions or Michigan football with D. Rosenberg, any interaction is enjoyable. The way both of them teach conveys a sense of passion and a love for the environment that they are in, which instantly brightens up everyone else's day. "They are both really amazing, they talk great and teach great. They both are just really good people, along with being really good teachers," Cole said.

With fewer schedules and deadlines to follow, the couple will be able to enjoy more of their shared hobbies outside of school and travel to see their family.

"We love to bike, and I love to hike, not so much her. We go to the National Lakeshore all the time. She loves jigsaw puzzles, and sometimes I do it with her. We're gonna travel now that we're retiring. We're going to New Zealand, my daughter is studying there. We're also going to Ireland. She's got extended family over there that we have never really seen."

Beyond their activities to come, the Rosenburgs say the partnership through their profession is one of the greatest constants. The next part of their lives will be different but still rooted in mutual support and shared values that started from teaching, after they met at the school over two decades ago.

"I love you, Daniel Rosenberg," T.Rosenburg said.

The Sturgeon Story Continues

Hope swims on as environmental science class receives new sturgeon

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After the unfortunate loss of "Steve" the sturgeon, the environmental class received a new one from the Grand Traverse Band of Ottawa and Chippewa to continue their hands-on research. This new sturgeon is a second attempt at trying to raise the fish and collect data from it, then they release it into the Boardman River. The class hopes to raise the fish longer and gain insights into how it will grow and adapt in a controlled environment.

When it comes to the death of the original sturgeon, it remains a mystery. However, there are some theories on what might have caused Steve to pass.

"One of the ideas that we had is [that] the temperature might have impacted his metabolism because that room is pretty cold. Mrs. Brisbois always has a space heater going," science teacher and sturgeon enthusiast Kevin Cram said.

Those involved in the observation and caring of the sturgeon are attempting to try everything they can so that the sturgeon survives and lives longer.

"We actually got a heater for the water in the tank just to help elevate the temperature a little bit. So hopefully if we can maintain a higher temperature, I think the fish will gain weight faster, and that will keep them alive longer," Cram said.

Another important part of sturgeon research that the class is doing is the community connection. The Grand Traverse Bay of Ottawa and Chippewa gifted the sturgeon so students could learn from it. Students also get an insight about what these groups do to help protect and preserve wildlife.

"It's taught me a lot about what these groups do, and that these groups are actually like actively participating in the ecosystem in northern Michigan. I didn't really know that these kinds of initiatives were around. It was really cool to see that and see how they impact the ecosystem," senior Adeline Mulder said.

It is also beneficial for the native american community. "For the students, the Sturgeon in the Classroom program exposes them to the importance of native species and how caring for native species is important to the Grand Traverse Band. Students also have an opportunity to learn about the GTB Natural Resources Department and some of the projects

going on in the community," aquatic biologist Sean Leask said.

from disease to nutrition issues, raising a sturgeon even in the perfect tank is not a



Photo Credit: Cavan Cosgrove

After the unexpected death of the last sturgeon, staff and students are both excited and nervous to welcome a new one. Sturgeons can grow to be the size and weight of a small person, but face life expectancy challenges at an early stage,

guaranteed success.

"We don't know why the other one died. We did everything right. We followed the water chemistry the way we were supposed to, fed him on the schedule we were supposed to, and the biolo-

gist did a necropsy to try to figure out if there was something that he could see by doing a dissection, and there wasn't anything. There was no clear sign that led the other one to pass away, so I'm a little nervous," Mary Brisbois said.

But others have optimism that the fish will live longer and successfully grow. Following Jan. 15, a new sturgeon was dropped in Brisbois' tank, and their chances of success are different.

"I'm hoping it'll take well to the conditions it's in so that we can actually see it grow. see the size change, kind of see what a sturgeon life cycle looks like," Mulder said.

The students can learn from the sturgeon in both science and real life. The new sturgeon, still awaiting a name, will be implemented into the science curriculums of both C106 and West.

"Noticing the patterns in the data and any kind of changes to temperature or pH or any of these ions could lead to impacts on its health. It's an opportunity to collect data and look at trends. If we can get the right conditions that sturgeons thrive at, at this particular temperature and regular feedings, hopefully we see that and we can track the data," Cram said.

But the sturgeon can also teach them valuable life lessons, like taking care of living things, or things may not always go according to plan.

"My hope is that students will get a better understanding of the importance of environmental stewardship and Anishinabek culture through the program. The program also allows students to get an understanding of how what they learn in class translates to the world around them. It might even inspire a student to become a biologist and help carry out future sturgeon restoration efforts and studies," S.Leask said.

But in the end, let's hope this sturgeon will live a fulfilling life, and make it to the Boardman.

"[I've learned from the first sturgeon] Taking care of live creatures is risky," Brisbois said.