veloping world, lags behind in portunity for promoting education such genetic developments

"There are [about] 365 million people in sub-Saharan Africa that are functionally dependent on perpetuated against the renewcassava for their food security." Kellner said. "But, until about 15 years ago, cassava had never been said. "They do have their flaws the target for any kind of genetic — it's not perfectly clean energy. improvement because people in the United States don't eat cassava ing, especially when people think and neither do people in Europe. There's no market for it, and all of the firms that do that type of really high-tech work are in the West."

For economic reasons, for-profit companies tend to focus on crops with higher monetary value. The Danforth Center is uniquely situated in this regard, as they are a nonprofit and can spend money on crops such as cassava without fear of losing out on profits. Nonetheless, this is merely one form of EVs. Most sources covering of environmental classism — another is present within the United picture of environmentalism that States itself.

"In Mississippi, there are petrochemical plants that create a lot of toxins that have increased the rate of cancer." Kreinik said. "People who live there have lived at Ladue High School as well as there for generations and they don't necessarily want to leave. Shaw Nature Reserve and Wash-They [also] didn't build the chemical plants, are suffering and don't always have the financial means products try to [appear] sustainto relocate. We get into a lot of able to [cater to] that demographic these interesting ethical debates of people who want to be sustainabout who's responsible for what, able," Bernstein said. "When you how do we help people, how do really look into it, it's not suswe repair the harms that could be tainable at all. It's really harmful caused, how do we prevent those because people don't always have harms [and] who is responsible the drive, motivation or time to do for all of this. They're not easy all this research to figure out if [a answers."

FALSE INFORMATION

about such concepts in their classes, leading to climate change's popularity on social media platforms. While this creates an op- to stop climate change. In reality,

and awareness, it also leaves ample room for misinformation.

"[There is] a lot of backlash able energies that we have now." SAGE director Ella Marks (12) I think that can be very damagrenewables are worse for the environment. [However], that's not necessarily true unless you only look at one component of it."

A popular example of misinformation is electric vehicles. According to the MIT Climate Portal, EV manufacturing produces 80% more emissions than the production of their gas-powered counterparts. However, that singular statistic paints an incomplete picture sustainability paint an idealistic ignores the true reality. SAGE leader Gabe Bernstein (12) especially notices this through his own climate research. Bernstein has taken two environmental classes completed internships with the ington University in St. Louis.

"[Greenwashing is] where product] is sustainable."

Amidst the attempts to move towards environmentally-friendly practices is the concept of over-High schoolers are often asked rated methods of improvement. For example, reusables and the zero-waste movement are often considered one of the best ways



Institute of Technology, reusable tote bags must be used over 104 found another way to adopt envitimes to counteract the environ- ronmentally beneficial practices. mental costs of their production.

that sustainability isn't completely perfect," Marks said. "Ideally, life. Right now, though, it's not always linen-wrapped and pretty."

SEEKING SOLUTIONS

Amidst the sea of misinformation, trends, advice and research, it can be hard to find a true solution to the climate crisis.

able practices," Bernstein said. drive the government to [action]."

government is responsible for climate change, others argue that it is up to individuals and that the government cannot mandate sustainable choices. Kellner believes that there are limitations to the impact that individual decisions have.

doing everything that they can do said. "But, at the end of the day, there's a real limit to what one individual can do. [For example], if you ceased all [of] your own greenhouse gas emissions personnot observable.'

ment's limitations. Now that he but we're going to get there." P

according to the Royal Melbourne works with for-profit agricultural-technology companies, he has

"We see very limited adop-"It's important to keep in mind tion of technologies that come out of the public sector," Kellner said. "However, technologies that in the future, our practices can be are actually taken to market by environmentally friendly without for-profit companies are seeing any sort of harm to other areas of much higher rates of adoption. Normally, that's because there's some sort of positive financial benefit for the farmer."

> Most students lack the opportunity and resources to invent new technologies. Nonetheless, there are alternative ways to contribute.

"Instead of seeing [the environment] as a disappointment, see "There needs to be more of a awe in what is going on on that cohesive effort towards sustain- day," Krejnik said. "[Take] the bees that were in the tree [April 1 "Obviously, it's not very realistic at Ladue High School]. That might if we just want to convert every- seem like a nuisance to some peothing to electrical or solar power ple, but it's incredible when you in the next few years. There are a stop and think. Those are bees. lot of things that the government and the world needs those pollinacan be doing — it's just that peo- tors. There could be a day and a ple don't have enough force to place where that type of thing is so rare and so unheard of that you'll While some believe that the be telling that story to somebody. I don't want that to be the case."

Small changes, from plants blooming earlier to changes in animal migration patterns, show climate change's ramifications. St. Louis residents, specifically, have dealt with increasing flooding as "Everybody should be out there a result of changing temperatures." Citizens tend to take notice when to improve the situation," Kellner effects are observable from their backyard, school or wallet.

"Never underestimate what an uncomfortable human will do to be comfortable," Kellner said. "There are technical solutions to ally or in your household, does it the climate crisis. Some are exchange something? Yes, but it's pensive, but through innovation we can make them cheaper. Or, Having worked alongside fed- through public action, we can fund eral agencies in the public sector, or subsidize them. So, we're going Kellner understands the govern- to make it. It's going to be weird,