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Chairman's Note

If someone had told me right after Raceday 2023 that I would (somewhat) voluntarily sign up for round two, I would have called them crazy. But the addition of a second free jacket with my name on it lured me to be here once again. Jokes aside, here I am wrapping up my year as Sweepstakes Chairman as a junior, realizing that buggy has become the main part of my college experience and wondering what I will be doing next year.

I remember my freshman year pushing for DG. It was not only my first-ever race day, but DG's first race day as well, and somehow we made it to day 2. Then there was last year, where I was thrown into a job that I wasn't expecting, and as a sophomore Safety Chair, we had to do the unimaginable. But I know that without all of these past experiences, I would have never been able to be where I am today, doing one of the most rewarding jobs out there. I remember the night before my first rolls, texting James to ask him in what order to call "clear, up, on deck, and in the hole," writing it on a sticky note and placing it on the front page of my rolls folder. And now that is a phrase I have said 1073 times, if not more. This was truly one of the most rewarding years of my life, seeing how much just a few people can put together is absolutely amazing. Seeing the teams get to Raceday, the loud music and smiles at 5 am in the morning make the late nights, incredibly early mornings, and the freezing feeling running through my fingers as I press the Zello button more than worth it.

I want to thank Harry and Lara for always stepping up within their role and being there during the fun and the hard times. Thank you to Isabel for being so dependable and for making the past 1.5 years unforgettable. I also want to thank Elizabeth, Olivia, and Aviva for doing such a fantastic job and helping us to get to Raceday. Thank you to Stacie for supporting me in every way I need and making sure that I actually do everything I am supposed to. And last but not least, thank you to James who left me such big shoes to fill and who I aspire to be like. You have helped me so much during my time as Safety Chair and never failed to answer a text or a call (or the billion questions I ask you) throughout this entire year. So thank you to you all; it has been a privilege and an honor to be in this role and serve the buggy community as your Chairman.

- Alessia Bonacini



Course Map



History of Buggy

On Carnegie Mellon University's lively campus, where innovation and passion meet, there's a beloved tradition that students have cherished for more than a century.

On May 19, 1920, the first "derby" took place during Spring Carnival, with about a dozen "pushmobiles" lining up in front of the Fine Arts building. These vehicles came in all shapes and sizes.

Initially, the race included a pit stop for changing the back two wheels and permitting the exchange of the two-man team during the race. This Interfraternity race continued to evolve, and the Dorms were allowed to enter the race in 1928. In 1929 the race adopted the present course, starting in front of Margaret Morrison, and using five pushers. The race has stayed in this format to the present.

In the early 1940s, Sweepstakes went on hiatus due to World War II, because of the lack of students, aluminum, and other construction materials. Post World War II, the Soap Box Derby sit up driver buggy style became popular, due to the success of the Delta Tau Delta buggies. Although prone buggies were popular prior to WWII, they really made their comeback with the success of Alpha Tau Omega's Golden Goose in the 1950s.

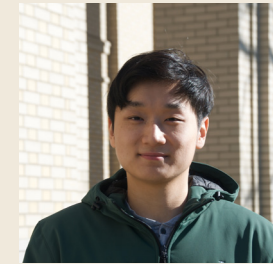
Buggy Technology and Safety has evolved significantly since the 1920s with modern streamlined buggies crafted from carbon fiber for enhanced strength, replacing aluminum, wood, and fiberglass used in the past. They incorporate polycarbonate windscreens, harnesses, helmets, and reliable braking systems. Three wheels are now the norm rather than four wheels or the outlawed two wheel designed vehicles of the past. Wheel technology has evolved as well, with variations in size, shape, and polymer. The current course records have dropped significantly from the first course time of 4:38 set by Iota Sigma Delta in 1921. The current course records are held by SDC Men's (2017) with a time of 2:02.16, SDC Women's (2017) with a time of 2:23.27, and the All-Gender time of 2:45.58 by APEX in 2023.



Past Winners (2008-2023)

<i>Men's</i>			<i>Women's</i>			<i>All Gender</i>		
Year	Champ	Time	Year	Champ	Time	Year	Champ	Time
2023	PiKA	2:09.39	2023	Spirit	2:35.28	2023	Apex	2:45.58
2022	SDC	2:08.74	2022	Spirit	2:45.18			
2021	SDC	2:11.30	2021	SDC	2:37.50			
2020	Covid	---	2020	Covid	---			
2019	SDC	2:06.61	2019	SDC	2:27.30			
2018	SDC	2:03.17	2018	SDC	2:23.60			
2017	SDC	2:02.16	2017	SDC	2:23.27			
2016	SDC	2:03.10	2016	CIA	2:31.06			
2015	SDC	2:12.36	2015	CIA	2:35.64			
2014	SDC	2:04.47	2014	SDC	2:33.45			
2013	SDC	2:04.99	2013	SDC	2:32.60			
2012	SDC	2:05.84	2012	SDC	2:30.90			
2011	Fringe	2:05.08	2011	SDC	2:34.96			
2010	Fringe	2:07.50	2010	Fringe	2:40.59			
2009	SDC	2:03.30	2009	SDC	2:25.60			
2008	PiKA	2:04.35	2008	SDC	2:28.84			

Sweepstakes



Harry Ren, Assistant Chair

Like many others, the rise into this Sweepstakes Assistant Chairman position stems from a deep enthusiasm for Buggy and its community. I began my buggy career as a mechanic/pusher on Apex my sophomore year (darn Covid) before taking on the challenge of build lead for Scorch my junior year. At the conclusion of that particular Raceday, I clapped my hands together and declared that my deep involvement in this activity would end there, and I would be satisfied with a less involved role for my senior year in this activity. It turns out that it is quite difficult to turn away from the passion and dedication that teams bring out to the course every single week, and I found myself in this position, which has been rewarding to say the least. I would like to thank Stacie, Ale, Isabel, Lara, and the rest of Sweepstakes for the hours and hours of work put in to ensure that this tradition continues to enrich the CMU community. I would also like to thank the teams for their cooperation as we dealt with many construction surprises and challenges throughout the year. I look forward to a memorable race for everyone. Good Luck!



Lara Witwick, Co-Safety Chair

I had my sights set on Buggy before I was even admitted. After my pre-college tour ended, I spotted buggies adorning the walls of Tepper and declared, "I'm 100% gonna do that." When it came time to apply, I wrote one of my supplemental essays about driving and that "unsurprisingly, I'll be joining a buggy team my freshman year." Remaining true to my commitment, I spent my first two years at CMU driving for SPIRIT.

While my Fall 2023 semester in Madrid was fantastic, I missed my connection to buggy. It's been great to return as Safety Chair this semester. The schedule is un poco loco at times, but I relish it. Meeting with teams during capes is such a great way to connect with the entire buggy community, which I value even more than I initially anticipated. With RD24 on the horizon, I extend my heartfelt wishes to every team for a sense of accomplishment akin to what I experienced in high school when I confidently predicted, "P.S. My buggy team won!"



Isabel Vala, Co-Safety Chair

It's basically impossible for me to talk about my college experience without mentioning buggy. When I joined Apex my freshman year, I barely knew what I was getting into. I had seen a handful of videos and went to some recruitment events, but nothing could have prepared me for the next four and a half years of chaos, excitement, turmoil, and just pure fun. After last year as Sweeps Assistant Chair, I expected to spend my final semester being a random old person on Apex. Instead, the stars aligned, and I rejoined Sweeps as Safety Chair for the fall of 2023. It really felt like a last hurrah for me. I got to meet so many drivers and mechanics on other teams, see the new drivers' nervousness shift to excitement after their first roll, and even wake up just slightly later for rolls.

Thank you to Harry and Ale for making the hours before sunrise less sad and cold. Thank you to Sydney and Vidya, for being fantastic head mechs when I first joined Apex, and being the reasons that I stuck with buggy through a global pandemic. And thank you to all the chairmen, drivers, mechs, pushers, and everyone else that I have met over the years for making buggy what it is now.



Olivia Ehrman, Buggy Book Chair

Since my freshman year, I've been heavily involved in CIA as a mechanic, secretary, and then chair. This year, I was lucky enough to experience it from a new perspective on Sweeps. It's truly an honor to be able to document such a cherished and unique sport for this year's Raceday. I hope that this Buggy Book accurately and authentically captures a moment in time for the sport and preserves its spirit, while also celebrating its history. Thank you to the rest of Sweeps for trusting me with this position, and thank you Ethan Husted and Amy Germer for reeling me into this crazy pastime in the first place.



Aviva Young, Design Competition Chair

Hi y'all! My name is Aviva Young, and I am this year's Design Competition and Showcase Chairman for Sweepstakes 2024! I started participating in buggy my freshman year as a mechanic on Apex, and since then I have been truly grateful for the amazing friends and incredible experiences that this unique activity has provided. Buggy has been a huge part of my time here at Carnegie Mellon, and I can't wait for Raceday!



Elizabeth Zapanta, Marketing & Communications Chair

Buggy runs in my blood (thanks Mom and Dad!) and truthfully I would not be able to imagine my time at Carnegie Mellon without it. Though I've yet to actually make my way on to a team, I love being able to do this behind the scenes work throughout the year.

This being my third year on Sweeps, I can say I have nothing but love for the people. Many thanks to everyone on Sweepstakes, especially Ale who works tirelessly and trusts me to do so much to (hopefully) make her job easier. I'm excited to spend another Raceday from the broadcasting booth and here's to many more years of our favorite sport.

Tale of a Chair

My time at buggy all started my sophomore year when one of our push captains came up to me at the gym and asked if I wanted to push a buggy. I didn't know a whole lot about buggy before that, but it sounded fun, and honestly, I was a little flattered that someone thought I looked athletic enough to do it. I showed up to rolls for the first time and before I knew it, I was showing up every weekend without even really knowing why — there's something addictive about it. It became something that I looked forward to every weekend. There is something so unique about buggy; after experiencing Raceday 2022, I knew this was something that I wanted to do every year. There's nothing else at CMU that can give you that kind of feeling.

After that Raceday, buggy became my thing. It was my gym motivation; it was the thing I told my friends and family about every time I called them. This was the year I became a push captain, and I had one goal in mind: winning on Raceday as part of our Men's A team. I now had a reason to push myself, both for my sake and the team's. But Raceday that year didn't go as planned. After all the work we had put in, we ended up not being able to race on Raceday 2023.

After a rough year, I decided I wanted to take on the challenge of bringing our team back from that, and so I became the chairman when no one else wanted to. I had given up on my goal of winning on Raceday, but I hadn't given up on our team. It wasn't easy getting our team to where it is now, and I never could've done it on my own. My teammates that I've gotten to work alongside this year have sacrificed their time, their grades, and a little bit of their sanity, to help me rebuild this team. Along the way I've realized that I don't need to win on Raceday this year to feel happy about the work we've all put in. We've already done a better job than I could've ever imagined at the beginning of the year, and I'm so proud of them all. But my teammates, they've made my dream of being able to win on Raceday become a possibility again, and I'm not going to let that chance go to waste.

- Matthew Garcia, SDC Chair





Tale of a Pusher

There's something magical about pushing a buggy; I'm a night owl and a girl who loves to sleep in, so I never imagined I'd be spending my weekends watching the sun rise while running around Flagstaff hill in 30-degree weather.

The feeling didn't disappear after my first rolls, or my first midnight practice, or even my first Raceday – I hope 20 years from now I can still remember exactly how it feels to push a Hill 1 (a lovely blend of exhilaration and dread). And I hope 20 years from now I'll be back for Raceday '44, nostalgically cheering on the future generations of pushers. The legacy of being a pusher is beautiful and exciting and it makes me feel more connected to CMU than I ever imagined. I love listening to alumni recall their days of bagged Hill 3s or chasing geese off the road. I love watching old raceday videos and missed pushbar compilations. I love being on a team with a legacy and a part of something that means so much to so many people.

Being a pusher means adapting (yes, I have lost my shoe halfway through running a Hill 5). It means doing your chores (yes, I do still have hay in my socks, and shoes, and probably a million other places). It means accepting the most unnecessarily long and anxiety-inducing countdown to start (yes, I am beefing with whoever decided on counting down from 10 to 1 and then READY, SET before the buzzer). And sometimes being a pusher means accepting the pure despair during rolls of hearing on Zello that your team is "in the hole" as you are currently running a Hill 4 (Yes, that day of rolls is still in my nightmares). But at the end of the day, being a pusher is freeing and empowering and well worth all the crazy.

I think by now I've tried to recruit every person I know to be a pusher. Once you get past the early call times and the fact that you actually have to run, it becomes immediately clear: there's something magical about pushing a buggy.

-Janae Bacchus, Spirit Push Captain

Tale of Mechanic

Buggy is a quintessential CMU tradition, engaging your imagination, your muscles, and your ability to stay awake all at once.

As a mechanic, you constantly come face to face with the consequences of your actions. The choices you make towards achieving your top priorities — keeping drivers safe and going as fast as possible — have real impact. You hold someone's safety on the line, and that's a fact that you can't forget every time you load the buggy and send it speeding down the hill. It's a terrifying privilege to understand how your actions can cause a real effect on an entire group of people. However, you're not in it alone. On top of your team's older members and their internal encyclopedia of every buggy failure and success of the last several decades, you have a team of people checking you, helping you, and urging you forward. Your teammates can check if you've forgotten a screw somewhere, and race you to put on a heated wheel in the same breath. It's a blend of competitive and collaborative energy that pushes everyone forward, while ensuring nothing gets left behind.

I've never been a part of such a unique community. There's not another group of people I know that are so willing to try something new on an off-chance it could make something a little bit better. Buggy gives you the freedom to figure out something new, pushing yourself a little bit further than you thought possible. Buggy also gives you a support to fall back on, with your fellow mechanics there to offer a spare roll of duct tape, a water bottle, or moral support if the need arises.

Being a mechanic is such a rewarding role, and I'm glad I accidentally wandered towards the garage one day during my freshman year to be able to experience it. While I may have lost sleep here or there over the years, I've gained knowledge and community that more than makes up for it.

- Julia Anitescu, CIA Head Mechanic





Tale of a Driver

I will never be able to repay my friend for the endless number of memories she's given me by introducing me to Buggy. Three years ago, I asked Fringe if they still needed a buggy driver during the club fair and they told me they already had a full team, but they could recruit me as a backup driver. Eagerly, I said yes, and they got me into a buggy fitting the next week. If I'm being honest, I had NO idea what being a buggy driver even meant and was instantly struck with fear during my first safety meeting. I thought I'd have to go down a hill in a straight line and when I realized that wasn't the case, I was relieved to only be a backup driver. A few weeks later Fringe told me they had a spot open up and it was mine if I wanted it. I hesitated for a second but eventually decided to give it a shot.

I remember my first successful roll so vividly. My heart was beating out of my chest while they rolled me up the hill and prepared to drop me. When they finally released me, panic consumed my every thought, and I regretted my decision to join this crazy CMU sport. But the regret turned into the biggest adrenaline rush of my life when I took that sharp right turn into the chute. I can still hear how loud the team was cheering when I finally made it around the course.

The members of Fringe are the reason I come back to the sport every year. While I dread the sound of my 4:45 a.m. alarm, the sleep-deprived chaos is what keeps me going. Whether it's a dance party to frat music at 5:00 a.m. or a deep discussion about the various personalities of the buggies, I know there won't be a shortage of laughter during those early mornings. One thing I love and adore about Fringe is how they offer a sense of belonging to a wide array of students. Fringe is a team that constantly supports not only one another, but all the teams out on the course. You can always hear us before you see us — Fringe is renowned for being the loudest team on the course, a distinction I wouldn't trade for anything.

So, while there were a lot of trials and tribulations to actually get myself to the position I'm in today, I am so proud to be part of the small group of people who can call themselves buggy drivers, and even more grateful for the friends I've made along the way.

- Kyrsten Rioveros, Fringe Driver



Tale of a Roboteam

Buggy is a sport like no other. That fact has been beautifully illustrated by the numerous tales written by history's pushers, mechanics, and drivers. I can tell you that after having been a pusher, mechanic, and driver for a traditional, human-driven buggy team, Robobuggy is a buggy team like no other.

So many aspects of a traditional buggy team revolve around the fact that there are humans inside of these carbon fiber tubes hurtling down a hill. But when you have a buggy team without that, what are you left with?

Instead of banging our heads against the wall because we can't find a helmet that fits a specific driver in a specific buggy just right, we're banging our heads against the wall because serial buffers are once again causing the rest of our code to crash. (Sometimes, that also causes our buggy to crash!) Instead of making sure our wheels are heated enough, we need to make sure our electronics are cooled enough. Instead of making sure our epoxy doesn't catch on fire when we mix it, we have to make sure our batteries don't catch on fire while we rewire the electronics. And ironically enough, out of all the buggy chairs to get electrocuted this year, it wasn't us!

Our late nights are spent wandering around outside testing the range of various wireless signals, and our weekend mornings are spent jogging behind the buggy with laptops in hand, downhill, in the dark. Our first two hours of daylight are then spent debugging why the buggy decided to send itself into the curb, causing it to then flip over, steel sparking against the sidewalk as it skids to a stop.

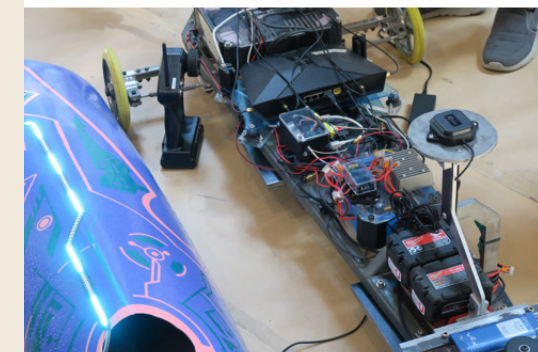
Buggy is a sport of speed and spectacle, and in Robobuggy, we really lean into the spectacle. We are the "greatest, wildest, jazziest, most blood-curdling, hair-raising, breath-stopping, shirt-tearing," most-beloved tradition of CMU brought into the modern day. And no, there is not a person inside.

- Delayne Mcmillan, Robobuggy Chair

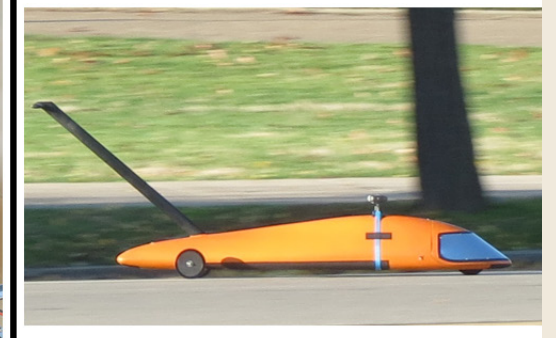


Who would win?

bleeding-edge electromechanical and computational systems engineered by CMU's nerdiest robotics nerds



haha carbon fiber torpedo carrot go brrrr



Apex

Apex began in 2012 when a group of friends living in the Rez on Fifth had the crazy idea of starting a buggy team. Now entering its twelfth year, Apex remains dedicated to the principles that motivated its formation: teamwork, passion, and innovation. Apex aims to challenge the field of buggy by not only living up to the status quo set by other orgs; we want to see the sport succeed through collaboration within the buggy community. Apex is a team that researches, designs, and engineers buggies. But first and foremost, we are a group of friends who have come together to support and challenge each other, share our excitement for buggy, and have fun along the way. If you're interested in buggy and want to learn more, stop by our shop — our door is always open!



Chairmen

Samuel Green (Chairman)
Brooklyn Mao (Asst. Chairman)

Mechanics

Caity Santiago (Head Mechanic)
Sachi Onishi (Asst. Head Mechanic)
Sam Green
Juno Hoffman
Iris Li
Ryan Bao
Tiegan Duncan
Katrina Mayen
Sam Leong
Grace Li
Max Kramer
Hannah Chinn
Claire Swift
Kit Zivin

Drivers

Maggie Blair (Head Driver)
Brooklyn Mao
Mia Pogach
Bella Cerza
Sachi Onishi

Buggies

Phoenix (2013)
Firefly (2017)
Solaris (2019)
Molotov (2020)
Scorch (2023)

Push Captains

Jude Markabawi
Shaborn Leggette

Pushers

Ekemini Jones
Maddie Thai-Tang
Anthony Montoya
Wesley Kane
Michelle Bank
Olivia Tomm
Brandon Bravo
Robert Perez
Jack Parkhouse
Joshua Malley
Claire Swift
Kwaku Bimpong
Tal Dassau
Hannah Chinn
Gene Young

Additional Positions

Treasurer (Kit Zivin)
Social Chair (Iris Li)
Tyrant (Amanda Vallon)

Special Thanks

Connor Hayes, Sydney Baker, Elena Harlee, Isabel Vala, Amanda Vallon, Adam McCue, Leah Restad, Kyle Hsin, Aviva Young, Harry Ren, Alessia Bonacini, Lara Witwick, Olivia Ehrman, Elizabeth Zapanta



Atlas

Founded in 2015, Atlas is a group of undergraduate students at Carnegie Mellon University focused on creating a vehicle capable of navigating itself around Carnegie Mellon's iconic buggy course. Since the project's founding in the dormitory of an excited freshman, then as a part of the Carnegie Involvement Association, the Atlas Project has grown into a full-fledged university-funded student organization. We have been at the forefront of the robotic buggy competition, and we have a (computer) vision for a bright future. We're a group of passionate engineers and close-knit friends, who want to take buggy into the future.



Chairmen

Alex Lyons & Parth Iyer

Mechanic

Matthew Oates

Buggies

RoboQuasar (2015)

BabyBuggy (2017)

DuneBuggy (2019)

Monaco (2024)

Pushers

Ram Potham

Special Thanks

Oshadha Gunasekara, Matei Budiu



This is our first new buggy in 5 years!

CIA

CIA, founded in 1970, was defined early in its history by being the first independent organization to win in the Men's division. Now, its members are united under the values of competitive drive, collaborative success, and creative innovation. What that looks like is reflecting on areas of improvement, leveraging the strengths of our members, and utilizing this to challenge ourselves to excel in what we do. Much of this year was defined by completing a build, and shooting for the podium. We are excited to see our hard work pay off this Raceday!

Drivers

- Audrey Young (Head Driver)
- Julia (Jazz) Liu (Asst. Head Driver)
- Lucy Chen
- Amber Chang
- Kaylan Zhang
- Abby Glass
- Grace Conard



Chairmen

Victoria (Vic) Nguyen & Summer Sun

Mechanics

- Julia Anitescu (Head Mechanic)
- Feya Epel (Asst. Head Mechanic)
- Addie Martins (Asst. Head Mechanic)
- Aiken Xie (Build Lead)
- Catherine Or (Asst. Build Lead)
- Adriana Holtzman
- Allison Li
- Alyssa Yang
- Anson Li
- Berin Celik
- David Chan
- Elliot Frankel
- Hanyu Pan
- Isaac Au
- Mateus Godinho
- Michael Crotty
- Nate Klein
- Shira Kutin
- Shirley Li
- Teadora Gildengers
- Vicki Huang
- Winnie Quangkananurug
- Zimo Ge

Buggies

- Equinox (2015)
- Emperor (2017)
- Kingfisher (2020)
- Roadrunner (2022)
- Goldfinch (2024)

Push Captains

Leo Nicolussi, Anna Liu, Sebastian Peralta, Sam Rosenstrauch, Rongrong Wang

Pushers

- Abby Breitfeld
- Aiken Xie
- Alfred Chang
- Alyssa Yang
- Anna Prouty
- Arden Ryan
- Audi Lin
- Charlie Hymowitz
- Dan Emerson
- Harry Freeman
- Isabel Murdock
- Jeffrey Zhang
- Jesus Feliciano
- Joshna Iyengar
- Kayla Delmore
- Lana Hasher
- Mandy Hu
- Michael Crotty
- Mrinal Verghese
- Nate Perez
- Olivia Ehrman
- Pauline Zhang
- Sona Marukyan
- Tio Ajani
- Trey Dubose
- Vivian Shen
- Yonah Goldberg
- Yorai Shaoul
- Zeynep Ozkaya

Additional Positions

- Abby Glass (Social Chair)
- Lucy Chen (Social Chair)
- Victoria Huang (Social Chair & Webmaster)
- Mateus Gondinho (Co-Design Chair)
- Zimo Ge (Co-Design Chair & Secretary)
- Nate Klein (Data Chair & IM Chair)
- Summer Sun (PR Chair)
- Winnie Quangkananurug (Treasurer)
- Hannah Shane (Nerds Chair)
- Hannah Noh (Pancaking Chair)
- Jeffrey Chen (Head Flagger)

Special Thanks

Previous chairs: Lana Hasher, Olivia Ehrman, Ethan Husted, Amy Germer, Sam Thompson, Andrea Sipos, Frank and Lou



DG

DG Racing was founded in the 2018-2019 school year by Katy Zapanta and Sophia Battaglia, with the team's first Raceday in 2020. DG is currently building its first buggy and hopes to continue to drive the program forward! We are incredibly thankful to be out here preparing for race day!

Driver

Ines Maquaire

Chairmen

Marissa Montadas (Chairman)

Jasmine Jin (Asst. Chairman)

Mechanics

Angie Zhao (Head Mechanic)

Marissa Montadas (Asst. Head Mechanic)

Liz Flory

Erika Egliskis

Olivia Cook

Mia Cody

Siya Bajaj

Buggy

Insite (loaner from Fringe that first raced in 2003 with Fringe, and in 2012 under Apex, and now, us)



Pushers

Sarah Chen

Erika Heffernen

Mira Ireland

Jasmine Jin

Megha Korpul

Arianna Martinelli

Marissa Montadas

Eesha Nagpal

Audrey Simon

Billy Boucuvalas

William Burger

Nolan Hughes

Julian Koide

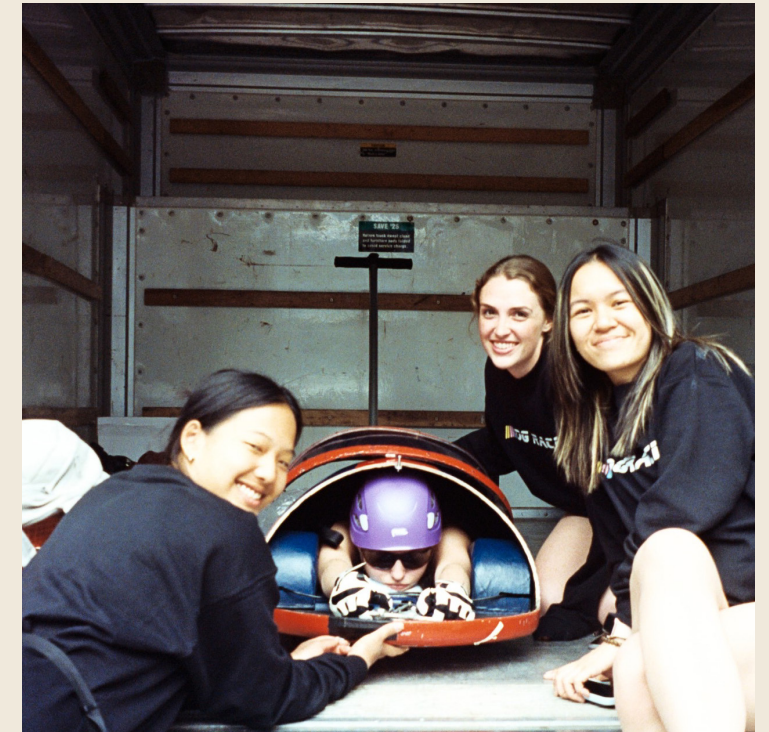
Mark Martinez

Kai Yamamoto

Azdeen Zach

Special Thanks

Special thanks to Sweepstakes and the various buggy organizations that have helped us so much in the process :) <3



Fringe

Fringe Buggy has been On The Edge since being founded by a group of architects in 1969. Throughout our tenure, we've strived to improve our buggies with every new build, centering on safe, creative, and innovative engineering to give us a competitive edge. We've expanded our membership throughout the school and cultivated an environment where anyone can learn how Fringe Rolls Buggies Really Fast. Our team puts buggies and drivers, new and old, on the course every year, and we're excited to present our newest buggy and our talented team! Fringe ready? FRINGE ROLL.



Chairmen

Winona Wang & Rita Paixao

Mechanics

Eleanor David (Head Mechanic)

Rebecca Dettmar (Head Mechanic)

Sam Radziwon

Evan Somlo

Maelle Allanic

Anagha Pai

Kendall Hart

Abbey Miller

Abby Umscheid

Abigail Brunner

Anura Ghodke

Arini Bhargava

Constantine Westerink

Ekemini Jones

Emily Cerchio

Holden Neely

Jaden Singh

John Diaz

Jovanni Acosta

Keya Mann

Kostas Bogiantzis

Logan Meritz

Madeline Huang

Nik Firestone

Quincy Stewart

Sam Istvan

Shreya Sreekantham

Tanvi Mittal

Drivers

Kyrsten Denise Rioveros

Arini Bhargava

Abbey Miller

Freda Su

Winona Wang

Buggies

Blueshift (2017)

Bumper (2018)

Baltic (2020/21)

Burnout (2022)

Brimstone (2023)

Blackbird (2024)

Push Captains

Justin Zhang, Jing Lin

Pushers

Allen Hung

Constantine Westerink

Daniel Ng

Ella David

Ethan Cooper

Evan Somlo

Sam Radziwon

Holden Neely

Jaden Singh

Kendall Hart

Kimberly Hoang

Kostas Bogiantzis

Kyrsten Denise Rioveros

Madeline Huang

Makayla McCreary

Mia Goins

Moyo Akoma

Nik Firestone

Regina Gamboa

Rita Paixao

Will Curvan

Winona Wang

Zoe White

Additional Roles

Kendall Hart (President)

Sam Radziwon (Head Booth Chair/Shop Manager)

Ekemini Jones (Intramurals Chair)

Special Thanks

We would like to thank Tammi Wong, Madison Scott, Graydon Loar, Andrea Roman & Thomas Gloria, Hunter Rideout, Declan Kelly, Andrew Thrasher, Bhairavi Chandarsekhar, and Olivia Corrodi.



PiKA

Since its creation in 1921, PiKA Racing has been at the forefront of the competition. Every year we strive to be the best on the course while developing members of the team by giving them the “Courage to Be More.”



Chairman

Christian Lanuza

Mechanics

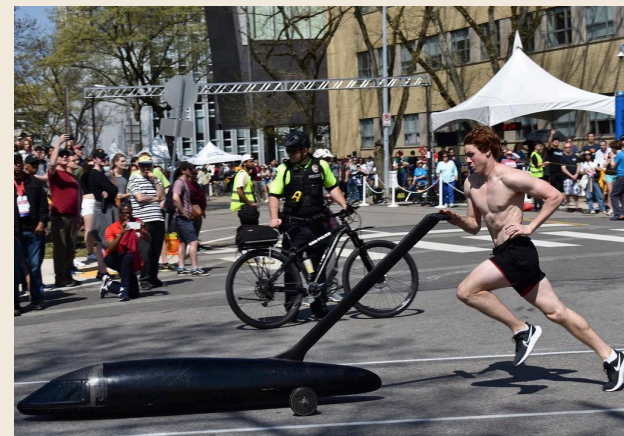
Leo Badaker
Miguel Samos
Raymond Welgosh
Andrew Porco
Suyoag Patwardhan

Buggies

Raptor (2011)
Banshee (2013)
Cleona (2016)

Drivers

Kaylie Shelton
Su Mae Khor
Vi Vu



Push Captain

Ryan Nagle

Pushers

Gideon Deasy
Matthew Wellener
Aaron Newell
Michael Acquaah-Harrison
Thomas Cornelius

Flaggers

Kian Canales
Justin Wu

Additional Positions

Nicholas Schmid (Chapter President)
Elmer Weng (Treasurer)
John Yasinski (Treasurer)
Grisham Vazirani (Carryout Team Captain)
Brendan Clark (New Member Buggy Chair)
Steven Shea (New Member Buggy Chair)

Special Thanks

Tom Wood, Keshav Raghavan, Eric Bruner,
Dave Conley, Jonathan Hua



Robobuggy

Chairmen

Delaynie McMillan
Mikhail (Misha) Khrenov

Mechanics

Mikhail (Misha) Khrenov
Carter Harllee
Connor Gordon
Patrick Xue

Buggies

Singularity (2014)
Transistor (2015)
NAND (2018)
Short Circuit (2023)

Driver

Bnyahaj

Additional Positions

Electrical: Owen Ball, Ethan Lu,
Petros Emmanouilidis, Zack
Azdeen, Silvia Song, Jieun Lim

Firmware: Carson Swoveland,
Serena Shih, Alden Grover,
Gyanepsaa Singh, Milo Posadas,
Delaynie McMillan

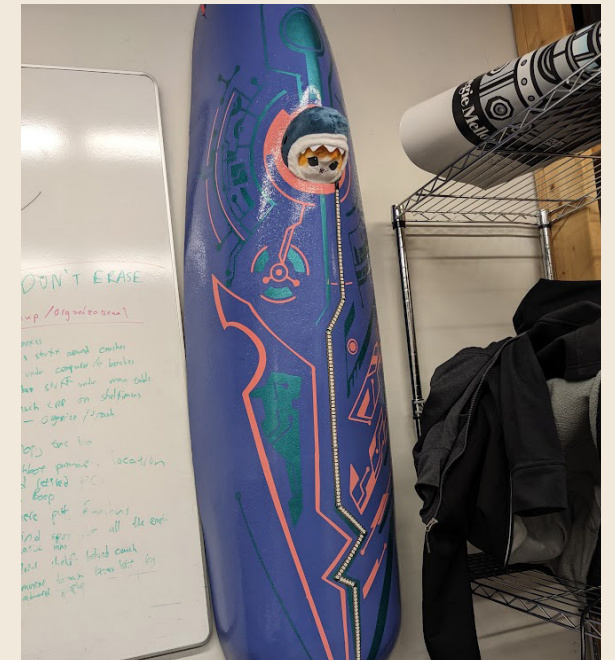
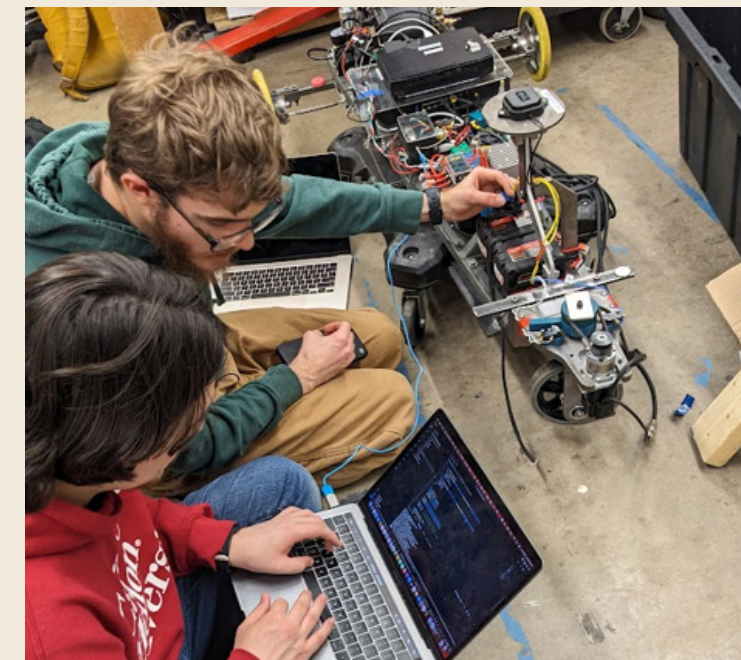
Software: Jack He, Samanvita
(Tia) Singhania, Mehul Goel,
Patrick Xue, Joyce Zhu, Sylvia
Zhang, Gabriel Zaragoza,
Samriddhi (Sam) Bhardwaj,
Tucker Shea, Chris, Maya

Pushers

Connor Gordon	Joyce Zhu
Carter Harllee	Sylvia Zhang
Casey Walker	Gabriel Zaragoza
Owen Ball	Tucker Shea
Carson Swoveland	Samanvita (Tia) Singhania
Milo Posadas	Franca Ellerman
Delaynie McMillan	Gabriel Zaragoza,
Jack He	Samriddhi (Sam) Bhardwaj
Mehul Goel	Mikhail (Misha) Khrenov
Patrick Xue	

Special Thanks

To our sponsors at locations including Epic Metals and General Motors for their support. An additional thanks to our fantastic alumni!



SAE

In the annals of buggy 2024, SAE blazes a trail of triumph, unity, and unwavering spirit. With hearts ablaze and camaraderie as our compass, we conquer hurdles, leaving an indelible mark on the race course. Together, we charge forth with unyielding resolve, crossing the finish line as champions. But beyond medals, our victory was etched in the bonds of brotherhood, growing stronger with each step taken. As we turn the page to new adventures, let the story of our victory serve as a testament to the power of unity, and the unbreakable spirit of SAE.

Chairmen

Eric Grynberg & Kiera Boucher

Mechanics

Sebastian De Luque
Ayushman Srivastava
Ehinomen Omomhenle
Kiera Boucher

Buggies

Barbie / Eileen / Frontier 2018 build

Drivers

Carleigh Cusick (Head Driver)
Appelbaum-Schwartz

Push Captain

James Kramer

Pushers

Nicholas Alvarado
Giovanni Corralupi
Edgar Vargas
Eyal Davidov
Ehinomen Omomhenle
Caroline Locke
Lily Hazam
Zia Reed
Maddie Kellogg
Caitlynn Owens

Flaggers

Farnam Jahanian
Gina Casalegno
Elizabeth Koch
Stacie Gardner

Special Thanks

Don Michel
Matt Katase
Dave Molder
Mike Ford
Fred Dauphin
Neil Carleton
Micah Fenner
Bruce Whiting
Cody Dunlap
Logan Zweifel
Adam Walters



We are excited to participate!

SDC

At SDC Buggy, we aim to represent the CMU dormitory community by fostering principles of innovation, fun, and inclusion within our program. While we always strive to bond as a team and create ever-lasting memories, we also foster our long-standing ideals of continuous innovation, building on the work of our Alumni, and leaving more to those who follow in our steps. As our fellow insomniac would say, "May I never be complete. May I never be content. May I never be perfect."



Chairmen

Matthew Garcia & Lewis Rockwell

Mechanics

Aiden Cheng	Katherine Horng
Aiden Dowd	Lewis Rockwell
Anika Bahri	Matthew Garcia
Brayden Morford	Michael Meng
Caroline Ting	Om Patel
Charlotte Betz	Paul Gonzalez
Daniel Lin	Rohit Garikipati
David Rotunno	Rosemary Yang
Elizabeth McBride	Sabikun Mazumder
Elliot Escalante	Sophia Gu
Ethan Huang	Susan Huang
Farin Weinger	Tanay Bennur
Gordon Xu	Tjaden Bridges
Grady Kenix	Victoria Ng
Grayson Wileman	Vuyani Saige
Henry Rosenhagen	Yuma Matsuoka
Jessica Wei	

Drivers

Elizabeth McBride (Head Driver)
Ezrin Flowers
Sabikun Mazumder

Buggies

Avarice (2010)
Bane (2011)
Vice (2013)
Inferno (2017)
Vanity (2019)
Lust (2024)

Push Captains

David Rotunno, Om Patel, Susan Huang

Pushers

Aiden Dowd	Katherine Horng
Anna Engel	Leon Wu
Aravind Gunasekaran	Lewis Rockwell
Austin Weltz	Madeline Falk
Autumn Swartz	Matthew Garcia
Caitlin Kolb	Meghan Holquist
Catherine Cai	Rohit Garikipati
Cecelia Dieterich	Sam Curry
Chetan Chilkunda	Santiago Gomez
Condredge Currie	Sarah Jensen
Daniel Lin	Sophia Moreno
Elliot Escalante	Sophie Kochanek
Erin Anand	Victoria Ng
Evan Cen	Vuyani Saige
Farin Weinger	Yosef Alsuhaibani
Grayson Wileman	Yulong Lian
Jorge Urias	

Special Thanks

We'd like to thank our amazing alumni including, but not limited to, Alex Roman, Alex White, Alex Yuschik, Anna Yu, Annie Black, Boyao Yu, CSM, Chris Goode, Jake Bordens, Jeremy Dropkin, Jeremy Tuttle, Josh Ayers, Michelle Mirabella, Molly Jane Browning, Suzanne Nie, Wade Gordon, and the SDC General Body for their support.



We have a new build this year for the first time in five years, keep an eye out for it at the Buggy Showcase and maybe even Raceday!

SigEp

We are Sigma Phi Epsilon (or SigEp) racing! We're a Greek org with lots of passion and love for buggy (and donuts, we also have donuts). We're driven to perform the best we can while never losing sight of the point of buggy: fun and companionship. Our organization relies on trust and communication; we welcome all with open arms and allow our new recruits to play an active role in the operations of the team, whether that be pushing, driving, or being a mechanic. We will always have room for new team members, and we will teach you everything you need to know. So come join SigEp racing!

Chairmen

Jayson Shin
Bilal Chaudhry
Elizabeth Lee
Nayana Balusu (Asst. Chairman)

Mechanics

Bilal Chaudhry (Head Mechanic)
Nayana Balusu
Fernando Hammerle

Buggies

Kraken (2013)
Hydra (2015)

Drivers

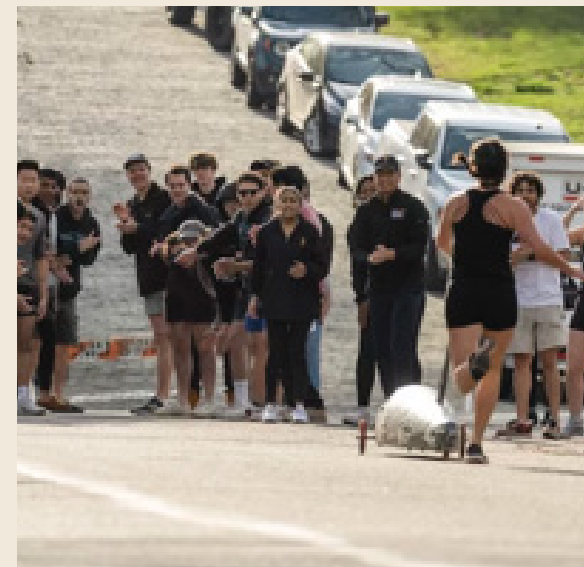
Elizabeth Lee (Head Driver)
Lucy Cao
Mia Moto

Push Captains

Jayson Shin
Erica Iizuka

Pushers

Tejas Patel
Jai Shah
Olek Tarczynski
Adam Bournes
Tilden Jackson
Jack Parfitt
Thomas Mclenahan
Luca Diem
Brady Gess
Tyler Schweitzer
Jaden Lee
Emma Kulbida
Katie Rock
Nia Bowrin
Savannah Xu
Carolann Kimock
Abie O'Donnell
Audrey Lambert
Eliana Szabo
Maya Galindo



Working on a new buggy build for Raceday this year, tentative to finish but will be 100% ready for Raceday 2025. We reached 1.5 million views on our Men's A Team buggy video from Raceday 2023.

SigNu

Sigma Nu is one of the only teams remaining that raced during Buggy's debut in 1920. In recent years, we have seen a massive improvement in our performance due to the hard work of previous chairmen, the continued support from alumni, and the introduction of our new buggy, Jaeger. We plan on continuing to develop the team and are excited to compete for years to come.

Drivers

Alyssa "Ssa The Third" Zhu
Lian "Deathwish" Mellinger

Chairman

Dylan "smalls" Bonanno

Mechanics

Mae "The Cook" Eidson
Zach "Burger" Berger
Vlad "Pookie" Yunda
Walex "Paz" Kireef
Jesus "Braces" Munoz
Caleb "Tightest Muffler" Doan
Mike "8th" Bahner
Cole "Who" Schubert
Arth "Smasher" Gupta
Andrew "Archi" Chan
Mihir "MiNotHere" Khare
Asher "Nerf Boy" Kornfeld

Buggies

Krait (2009)
Jaeger (2022)

Pushers

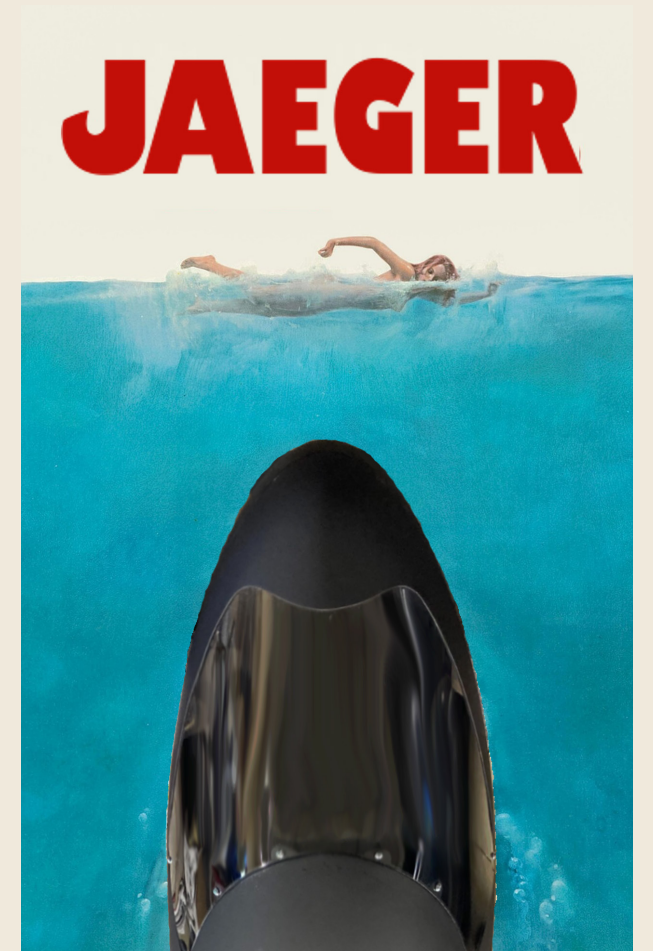
Liam "Horizontal" McDowell
Mauricio "Whiskey in the Wheels" Saavedra
Ricky "Have You Seen His Thighs" Gao
Darsil "The Shaaat" Patel
Sam "C@CM" Pflugsten
Eric "Racoon" Yao
Evan "The Redscare" Stuhlfire
Vardaan "Yoooo" Shah
Joe "Ver" McLaughlin
Sonny "Tecture" Tang

Flaggers

Thomas "Macho Man" Cantalapedra
Mani "The Second" Minerva
Idris "Brothers" Wardere
Chris "现在我有冰淇淋" Crawford

Special Thanks

Duane Delaney, Mark Estes, Philip Kaufholz,
Dan Xiao, Sigma Nu Alumni



SPIRIT

SPIRIT Racing Systems is a multicultural organization and a facet of SPIRIT. SPIRIT strives to bring inclusivity, pride, and excellence to the sport of buggy. Born in the fall of 1984, it took just two years for SPIRIT to place first in women's, and in 1987, SPIRIT was champion in both men's and women's. In 1988, SPIRIT won again in men's, this time with a course record of 2:06.20, which would remain unbeaten for two decades. We are competitive, but above all, we are family. Our innovation and our resolution, together with history and our alumni, make us who we are today.



Chairmen

Natalie Sarabosing
Sarah Gaiter
Chloe Wen

Mechanics

Adithi Phadke (Head Mechanic)
Jasmine Zeng (Head Mechanic)
Jalen Zhou
Hannah Park
Edward Lei
Kelly Namara
Mahathi Somula
Zinachidi Achikeh
Allan Zhang
Kajal Mehta
Tony Yu
Rubin Chen

Drivers

Melina Castillo (Head Driver)
Natalie Sarabosing
Nanz Zhong
Ivania Carranza
Emily Getty

Buggies

KINGPIN (2002)
SERAPH (2004)
MAPAMBAZUKO (2011)
ZENITH (2013)
INVISCID (2014)

Push Captains

Colby Sisco
Janae Bacchus

Pushers

Spencer Matonis	Ellen Angwin
Sophie Liu	Ethan Miandrisoa
Kenechukwu Echezona	Jeremy Ocloo
Cydney Haynes	Ebimobowei Indiamawe
Nia Robinson	Jason Easterling
Surafel Tsadik	Zuleima Noriega
Colby Ohlund	Chloe Wen
Josiah Miggiani	McKenzie van der Hagen
Jalen Zhou	Helen Zhao
Avi Wong	Nithya Kemp
Andrés Lizardo	Rosina Ananth
Amari Boxill	Anya Singhal
Anishwar Tirupathur	Mary Carney
Sam Tello	Rubin Chen
Teresa Myrthil	Jorge Urias
Anna Iacocca	Alexander Shepard
Sandra Serbu	Jessica Ruan
Kwame Asare	Nele Koepfer
Maxwell Jones	Tyrece Jeffrey

Build

Amari Boxill (Build Lead)

Special Thanks

Cherlisa Tarpeh, Maame Conduah, Beichen Liu, Diamond Moody, Chris Fulton, Dylan Pollak, Efrain, Hope Dohner, Jennifer Major, Joe Frick, Kaden Smith, Kory McDonald, Noni Shelly, Sheun Ogunsunlade, Thomas Anderson, Tom Felmley, Matthew Swain, General Robert Bowie

Timers

Mary Carney (Head Timer)
Avi Wong
Chad Truong
Nithya Kemp
Cat Ramage
Takshsheel Goswami
Jason Perez
Helen Zhao
Michelle Chen
Jonathan Lai

Flagger

Isabella Shaw (Head Flagger)

Media & Design

Andrés Lizardo (Media & Design Chair)
Anishwar Tirupathur
Kelly McDowell
Veronika Eber
Ekin Ozince
Sophia Famular



40th year anniversary!!!!

Buggy Terms

Buggy: A vehicle built, maintained, operated, and pushed by Carnegie Mellon students throughout the year in preparation for the races held during Spring Carnival.

Buggy: Commonly held name of the Sweepstakes race and the sport in general.

Capability Test: Braking system and safety test held for each buggy-driver combination.

Catchers: Students who stop the buggy after it crosses the finish line.

Chute: The tight right-hand turn halfway through the course at the intersection of Schenley Dr. and Frew St.

Five-Second Rule: The rule that states that within five seconds of the start of the heat, nobody except the pusher may be within five feet of the buggy in any direction.

Flagger: Member of an organization's team who stands on the course and signals to the drivers when to make their initial turn into the chute.

Drop Test: A test of each buggy's braking system; performed before rolls and after each race.

Follow Car: A vehicle that follows the buggies in each heat containing judges and crew.

Pushbar Rule: The Hill 5 pusher must have a hand on the buggy as it crosses the finish line.

Rollout: Distance the buggy travels up Frew Street after coming through the chute before it slows down enough for the Hill 3 pusher to begin pushing it.

Spinout: Act of losing traction while going through the chute, resulting in a loss of control.

Sweepstakes: The official term for the buggy races held during Spring Carnival.

Team: Five pushers, one driver, and one buggy.

Schedule

Thursday, April 11

Noon - 2 p.m.

Buggy Showcase

Wiegand Gym, CUC

3:00 p.m. - 3:30 p.m.

Spring Carnival Midway Opening Ceremony

Sidewalk between the CUC & Fence

7:00 p.m. - 9:00 p.m.

Buggy Alumni Association Welcome Event

Friday, April 12

8:00 a.m. - 12:30 p.m.

Sweepstake Preliminary Races

(with Donut Tent & BAA Tent)

Buggy Course

4:00 p.m. - 5:00 p.m.

History of Buggy

Studio Theater, 1st floor, CUC

7:00 p.m. - 9:00 p.m.

Buggy Bash

Schatz Dining Room, 2nd floor, CUC

Saturday, April 13

8:00 a.m. - 1:00 p.m.

Sweepstakes Finals Races

(with Donut Tent & BAA Tent)

Buggy Course

4:30 p.m. - 5:30 p.m.

Spring Carnival Booth & Sweepstakes

Award Ceremony

Midway Stage, The Cut

Support Orgs



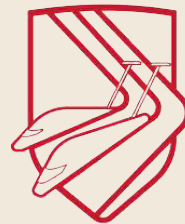
W3VC is the invaluable team of radio experts that keep rolls running smoothly throughout the year. This team of hardworking individuals makes sure the course is clear and reports any problems to Sweepstakes.



Carnegie Mellon University EMS provides 24/7 emergency medical response to the Carnegie Mellon campus community and surrounding areas, as well as medical standby support to CMU organizations as needed for major events (like buggy!). EMS is proud to be in the chute standing by every rolls day! Remember to call 412.268.2323 in case of emergency.



A non-commercial freeform radio station hosted in the basement of Carnegie Mellon's University Center, WRCT broadcasts interviews as well as Raceday coverage during the buggy races.



The Carnegie Mellon Buggy Alumni Association was founded in 2008 after it became clear that there was both a need and an interest in an organization centered around buggy for all members of the buggy world, past and present. They help preserve the history of the sport and keep alumni connected and in the loop!



cmuTV is the student-run television station of Carnegie Mellon University. They bring together all of the video footage of Sweepstakes including the live stream, Raceday videos, team profiles, and behind-the-scenes footage of Buggy.

Special Thanks

Sweepstakes Advisors

Elizabeth Koch, Stacie Gardner

Alumni Relations

Laurel Bosshart Furlow
Tim Leonard
Anne Witchner

Buggy Alumni Association

Connor Hayes
Ben Matzke
Tom Wood
Lou Conley
Matthew Gallabrese

Judges

Jason Santillan (Head Judge)
Bethany Bauer (Asst. Judge)

Buggy Showcase Judges

Chris McComb
Vicky Webster-Wood
Tim Angert
Rachel Kurchin
Nath Akella
David Conley
Diya Nuxoll

Carnegie Mellon EMS
Carnegie Mellon Police
City of Pittsburgh EMS
City of Pittsburgh Police
City of Pittsburgh Special Events Committee
cmuTV
WRCT
W3VC
Emily Buchholz
Environment Health & Safety
Linda Hancock
Pheonix Sport Technology
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Spring Carnival Committee
SLICE

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