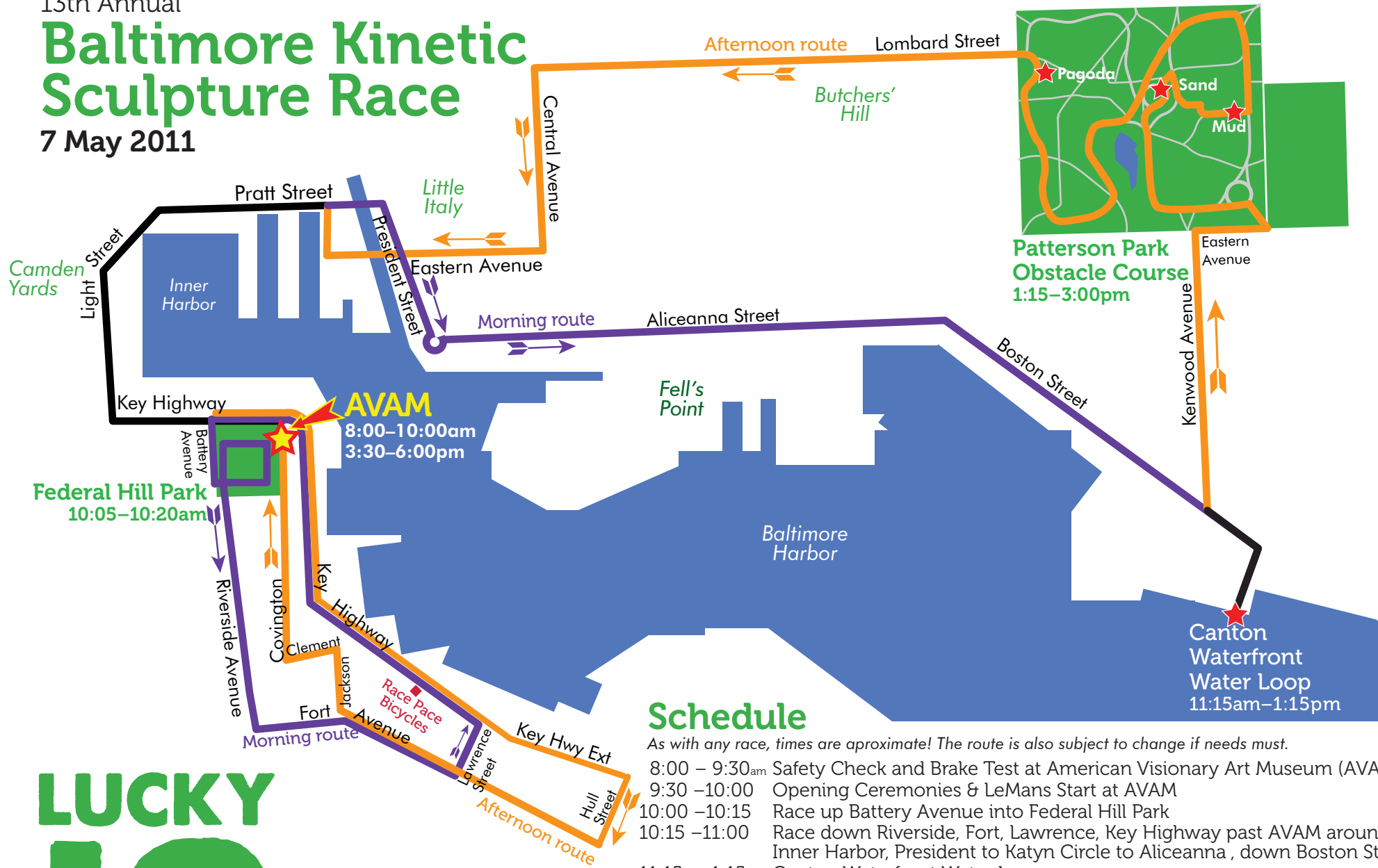


13th Annual

Baltimore Kinetic Sculpture Race

7 May 2011



LUCKY 13

www.KineticBaltimore.com

The Kinetic Sculpture Race is hosted by the American Visionary Art Museum (AVAM), 800 Key Highway, www.avam.org, 410-244-1900.

This map was prepared by Tom Jones tjones@kineticbaltimore.com

Schedule

As with any race, times are approximate! The route is also subject to change if needs must.

- 8:00 – 9:30am Safety Check and Brake Test at American Visionary Art Museum (AVAM)
- 9:30 – 10:00 Opening Ceremonies & LeMans Start at AVAM
- 10:00 – 10:15 Race up Battery Avenue into Federal Hill Park
- 10:15 – 11:00 Race down Riverside, Fort, Lawrence, Key Highway past AVAM around the Inner Harbor, President to Katyn Circle to Aliceanna, down Boston Street
- 11:15 – 1:15pm Canton Waterfront Water Loop
- 1:00 – 1:30 Race up Kenwood to Patterson Park
- 1:15 – 3:00 Patterson Park Obstacle Course: Sand, Mud, and Pagoda Challenge
- 3:00 – 4:30 Race down Lombard, Central, Eastern, Pier 5, Pratt, Light, Key Highway, turn left at traffic light to stay straight on Key Highway extension, across railroad tracks, Hull Street, Fort, Jackson, Clement, and up Covington to the finish line at AVAM (finishers may begin arriving as early as 3:30)
- 4:30 – 5:00 Post-Race Recovery (dinner for racers & volunteers)
- 5:00 – 6:00 Awards Ceremony at AVAM

Race Day

As with any human-powered dash for glory, times overlap and are approximate—racers are unpredictable!

8:00–9:30 Pre-Race Activity: See sculptures in unsullied glory, but don't disturb the frantic pilots. Read "Getting to AVAM." Mr. Rain's Funhouse on AVAM's third floor has a fancy \$15 buffet 8–10am; reserve at 410-244-1900 x224.

9:30–10:00 Opening Ceremonies & Start: There are kickoff speeches and telepathic cleric Joe Wall blesses "de feet" of the Kinetinauts. Best seen up close.

10:00–10:15 Federal Hill: The racers climb steep Federal Hill. (Anyone can make a sculpture; it's the human-powered part that's hard.) Some sculptures break down before they make it this far. This is a great place to photograph sculptures with the city skyline. Sculptures return shortly along Key Highway after their southern loop. **Tip:** If you arrive late for the start, head straight to Fort Avenue or Lawrence Street from I-95's Key Highway exit—parking is easy and crowds are thin.

10:15–11:00 Southern Loop and around the Inner Harbor: The sculptures pass through the Inner Harbor and Fell's Point. **Tip:** Park 2 hours free in the Whole Foods garage on Aliceanna if you get lunch there.

11:00–1:15 Into the Harbor! Canton Waterfront Park Water Entry at the Korean War Memorial: The sculptures go down a ramp, through the water, and exit the other side. Any unseaworthy sculptures will sink. Use street parking nearby, as sculptures fill the parking lot. This is the most popular spectator site. Food vendors are often here.

1:00–1:30 Up the Hill! Race to Patterson Park: The race goes near some delis and a Safeway. But this segment goes quickly, and you don't want to miss...

1:15–3:00 Sand and Mud! Patterson Park Obstacles: Some sculptures get stuck. The mud is on a hill—easier for spectators to see, harder for racers. There's lots of street parking around the Park's perimeter.

3:00–4:30 Back to the Finish Line: Kinetinauts are exhausted, so sculptures are more spread out. The Key Highway Extension and Fort Avenue are uncrowded and parking is easy. Each sculpture breaks through a huge banner along Covington Street to finish at AVAM.

4:30–5:00 Dinner: You should eat. The Rusty Scupper is open across the street. There are good local restaurants along Light Street in Federal Hill (10-minute westward walk), and good tourist restaurants around the Inner Harbor.

5:00–6:00 Awards Ceremony at AVAM: Even as a spectator, you'll be tired—imagine how the racers feel! Cheer on the winners in the AVAM Sculpture Barn.

What to Wear

Wear something absurd! Lots of onlookers wear all sorts of goofy outfits (see photos on the next page!) and you should too. Rummage through your attic or thrift store for the perfect Kinetic Outfit. If you have a great outfit, find a KineticBaltimore photographer (wearing giant blue hats and yellow shirts) to take your photo, perhaps for next year's Spectator's Guide!

Verizon has free weather at **410-936-1212** (forever ending June 1). Or text "**weather 21202**" to GOOGLE (**466453**). But remember that the race goes on in any weather (except volcanic eruptions within the racecourse).

Kinetic Awards

ACE: The highest challenge is the ACE. To ACE, pilots cannot swap or have propulsion assistance at any time, and can't get out to push or pull the sculpture forward *especially* at the water exit, sand, and mud. Teams going for ACE have bright orange tags and are closely watched by ACE judges to ensure they follow all rules.

Art: Coveted award for artistic design, reflected in color, humor, costumes, theatrical appeal, and kinetic motion.

Best Pit Crew: Each sculpture requires a support crew, and this award goes to the best decorated or supportive.

Engineering: Awarded to the most ingenious technical design tackling the rigors of the race.

Golden Dinosaur: Awarded to the most memorable breakdown or the first to break down.

Golden Flipper: Awarded to the sculpture with the most interesting water entry. Each year you're likely to see at least one sculpture that actually flips over!

Grand Mediocre Champion: #1 of all the Kinetic awards, for the sculpture finishing in the middle of all the entries (after time penalties are factored in).

Next-to-Last: Award for the entry that manages to finish, but with only one team even slower than it is.

Sock Creature of the Universe: Each sculpture must have a sock creature; this award goes to the best.

Speed: Award for the fastest entry completing the entire course, after accounting for any penalties.

Worst Honorable Mention: Awarded to the Sculpture whose half-baked theoretical "engineering" did not deter its Pilot from the challenge of the race.

Kinetic Glossary

AVAM: The landmark American Visionary Art Museum is founder and sponsor of the East Coast Kinetic Sculpture Championship.

Checkpoints: To prevent unauthorized shortcuts along the racecourse, Kinetinauts are required to stop to have their passports stamped by race officials.

World Championship: This Baltimore race is a qualifier for the *World* Championship in Humboldt County, California. It covers 42 miles over 3 days on Memorial Day Weekend. Sculptures cross 2 miles of Humboldt Bay and crash down a huge sand dune called Dead Man's Drop.

Hobart Brown: The Ferndale, California artist who created the first raceworthy Kinetic Sculpture, and spread Kinetic Racing around the world.

Kinetic Chickens: Volunteers who keep the race on track, and answer questions from the public!

Kinetic Kops: Officers who issue tickets to sculptures when they break the rules (and sometimes when they don't). Each ticket carries a time penalty. Kinetic Kops are known to accept bribes to overlook all but ACE and safety infractions.

Kinetinauts: The fearless artist engineers who build and pilot sculptures.

Volunteers: Folks who have a lot of fun and make the race happen! If you'd like to be part of next year's race, sign up at KineticBaltimore.com.

Getting To AVAM

Camden Yards hosts a 1pm Orioles game, so parking in Federal Hill risks being towed. No official word was available on what time stadium event parking restrictions begin, and signs are also vague, but the city promises aggressive enforcement. Yet, if you get to AVAM without squeezing into a short-term spot, there are many great tourist sites nearby. Saturday's weather should be great to explore the Inner Harbor.

Light Rail: You can park and take a comically slow train to Camden Yards station, a pleasant 15–20 minute walk to AVAM. Free parking north of downtown at the Falls Road and Lutherville stations near I-83; south at the Cromwell/Glen Burnie station near I-97. See mta.maryland.gov/services/lightrail/

Parking Garages: You can pay at the Rusty Scupper across the street from AVAM. (Digital Harbor High will tow you!) The business district on the North side of the Harbor has many garages with a 20 minute pleasant walk to AVAM around the harbor. Parking prices drop significantly if you go a few blocks north of the harbor. See Parkopedia.com for a map of garages and prices.

Near AVAM on Race Day

1. **AVAM:** The American Visionary Art Museum is now showing "What Makes Us Smile?" and is open 10am–6pm on race day: www.avam.org
2. **Maryland Science Center:** Exhibits about dinosaurs, health, space, and physics; IMAX and planetarium. 10am–6pm: www.mdsci.org
3. **National Aquarium:** Sharks, rays, jellyfish, dolphins, Australian Outback, and tiny shiny poisonous frogs. 9am–6pm: www.aqua.org
4. **USS Constellation** (1797 frigate), **USS Torsk** (1944 submarine), **USCGC Taney** (1936 cutter), and others. 10am–5:30pm: www.historicships.org
5. **Baltimore Museum of Industry:** 1910 pharmacy, 1886 bank, steam tugboat, historic vehicles, WWII flying boat bomber. 10am–4pm: www.thebmi.org
6. **Fort McHenry:** 2 miles south of AVAM, the star-shaped fort inspired our national anthem; 8am–4:45pm: www.nps.gov/fomc/

Seeing the Race

The whole point of the race is that the sculptures move. The easiest way to see them is to pick a spot along the route and watch them pass by; there are plenty of places where parking is plentiful and you'll have a great time cheering them on.

You can also move to see more of the race from various sites, including excitement at the water entry and Patterson Park obstacles. The race route goes past some restaurants in Fell's Point and other neighborhoods; these provide a great vantage to munch and spectate. The route sometimes changes at the last minute, so be sure to confirm where the sculptures are headed once you're in the neighborhood.

How to Follow Along

If you have time and energy, following the race lets you see a lot more action. But you need a plan. Some means of transport are:

- **Bike or roller blades:** The sculptures are human-powered, so if you're physically fit and can go 15 miles, you'll likely keep up. Ride carefully and watch for potholes. Bring a lock for your bike and don't leave it unattended in Patterson Park. Bike repairs are available at **Race Pace Cycles** 410-986-0001, opening by 10am (see map).
- **Water taxi:** The water taxi docks at 12 spots around the harbor. Unlimited day passes are \$10 for adults, \$5 for kids age 2–10. Key stops are #4 Rusty Scupper (right across the street from AVAM), and #16 Canton Waterfront Park. Allow an hour to get from #4 to #16—just about right to see the opening and the water entry. Other stops near the racecourse are #3 Science Center, #2 Harbor Place, #7 Harbor East, #11 Fells Point, and #14 Captain James Landing. We hope to have their brochure for download at KineticBaltimore.com, or you can visit one of their stops.
- **Automobile:** You can park, spectate, then get back in your car and drive to your next spot along the racecourse. If you can parallel park and navigate the city, this can be reasonable, especially if you have lots of cargo. Be sure to read parking signs before you leave your car.



The Sculptures

These are the teams that submitted their forms on time, but it's a Kinetic tradition that some racers pull things together at the last minute. Be on the lookout for other sculptures!

- 1. ACE Speed Racer** from Max's Taphouse in Fell's Point, has 4 pilots and is expected to be 24 feet long.
- 2. Bee-have** is the sixth entry from Tony Walker and Tom Rivers, a swarm of Fell's Point bees circling and protecting their queen bee. This team won 2010's **Sock Creature of the Universe**.
- 3. ACE When Hell Freezes Over** is the new entry from Pikesville Maryland and Falls Church Virginia. For the past two years they've raced *Going to Hell*, and won **Golden Dinosaur** for breaking down.
- 4. The Claw Machine** is recycled by the Landsdowne High School SGA, winners of 2010's **Golden Flipper**. The claw picks up stuffed animals along the racecourse.
- 5. ACE Am-Ish Sin Caballo** First-time pilots Melissa Koerner and Phillip Smith have a horseless buggy from master engineer Joseph Smith.
- 6. ACE The V-8 Power Plants** is a 4-pilot vegetable garden, remade from last year's *Scrum Roll Racers*, which won **Best Costumes**. Their flotation is a chicken wire frame stuffed with plastic bottles.
- 7. The Kiplala** has 2 pilots and 11 crew, from the KIPP Ujima Village Academy and the Belt Street Pilots Association of Baltimore.
- 8. Bumble Bee** is a 4-pilot entry from Sollers Point Tech High School. Busy bees will convert from street racer to party yacht to all-terrain vehicle, with 4-wheel disc brakes and rack-and-pinion steering. Their 2010 *Heavy Metal* won the **Fill-in-the-Gap Award** for machining their drivetrain rather than using off-the-shelf parts.
- 9. Batmobile** is from the Baltimore City College high school, has 4 pilots, and celebrates their Dark Knights.
- 10. Ankh-ers Away** A great Pharaoh sent a boat with royalty and animal gods to find the source of Ankh. It was blown off course and waited thousands of years where Baltimore's Make Believers were magically reformed into Pharaoh's original boat. Winners of **Art** for 2009's *Happily Never After* and 2010's *Los Baltimuertos*, and many other awards going back to 2002.
- 11. ACE Vechysvboat** is the largest of six entries from Baltimore's Jemicy School with 4 pilots.
- 12. ACE Einherjar** is one of Jemicy's clan of 1-pilot warrior god sculptures.
- 13. ACE Odin** from Jemicy leads the gods in Asgard.
- 14. ACE Ve and Vidar** is Jemicy's 2-pilot entry.
- 15. ACE Buri** is from Jemicy, which in 2010 won five **ACE** awards.
- 16. ACE Brunehilde** is the final Jemicy entry.
- 17. Epic Wheel Time** is from Washington DC's Maret high school, a 2-pilot sculpture smothered in duct tape.
- 18. T-Wrecks Reformed** is a 3-pilot entry coming together at the last minute from Cabinet Discounters, the Street and Sapp families, remade from 2010's *T-Wrecks* entry which won **Best Bribes**.
- 19. Idol 001** is from the Baltimore Lab School which features Simon, Randy, and Paula looking for an American Idol. This chassis was raced in 2009 as *Got Ice?* and 2008 as *Pirate Punks*.
- 20. The Lobe Trotter** is a huge awesome brain with 6 pilots, 1 barnacle, and 1 ton from the Howard Hughes Medical Institute. We hear it's quite something.
- 21. Go Ask Alice** is the return of 2010's spectacular 35-foot long 6-pilot giant blue caterpillar from *Alice in Wonderland* which won **People's Choice** and **Pilots' Choice**. Gorgeous from a distance, details reward those who look closely.
- 22. ACE Bob** is a bird tribute to one of the first kinetic sculptures from the Takoma Park team that won **2010 Grand Championship** with *Candy Haus*. Bob will imbibe Baltimore's favorite legacy home brew: Bromo-Seltzer.
- 23. The PolyGnomials** come from the Baltimore Polytechnic Institute, freshman and sophomore gnome gnerds headed by their super geeky Biology and Chemistry teacher.
- 24. Kinetic Couch** arises from the DC couch surfing community. Key components were found in the woods of Baltimore County.
- 25. Pussy Galore** pays homage to *The Simpsons'* crazy cat lady who watches TV in her living room as her horde meanders. Don't disturb her or you may get a cat thrown your way. The cats will scramble for dry ground at the water entry. From the creators of 2010's *Moderately Famished Caterpillar* and 2009's *Hot Beef Injection*, and 2008's *It's Ben Hur, Hon*.
- 26. PLATYPUS** (Personal Long-range All-Terrain Yacht Proven Un-Safe) is the almighty 2-ton, 8-pilot, 2-barnacle entry whose latest award was 2010's **Best Pit Crew**. This year it features a Scottish theme, with tam o' shanter and kilt. Among its plaid-clad pilots, 73-year old George Hess may be the eldest in the race.
- 27. Bumpo** is AVAM's 13-foot tall elephant, celebrating the Lucky 13th race with his lucky troll talisman. Bumpo is hoping not to re-create the unlucky 8th race when he blew off course at the water entry.
- 28. Fifi Is a Lucky Dog** is AVAM's giant pink race mascot poodle, equipped with lucky symbols for the Lucky 13th year of the race.
- 29. Frog** is AVAM's giant frog. Look to see if its right eye has regrown after last year's gruesome accident with a tree branch in Patterson Park.
- 30. Margot the Escargot** is from Aric Wanveer's team who won 2010's **Spirit of the Founder** for *Mobile Media*, and made 2009's *Voodoo Air* and 2008's *Wilma & the Wombats*. Their live jazz pleases the crowd immensely.
- 31. Cat-amaran** is a 1-pilot sculpture from Skler Lemkuhl of Philadelphia, which promises to be more efficient than the Dumpster Divers' past entries. This team has been in every Baltimore race—since 1999!
- 32. Itty Bitty Charm City** showcases landmarks along the race route and comes from the same team whose *Rat Rod* won 2008's **Championship**.
- 33. Star Fisher** is one of a fleet of parade bikes made of salvaged parts. While in motion, it paints Frisbees which are sold to fund water filters for Haitians.
- 34. The Firebreather** is a Homeric dragon boat from the Odyssey School of Stevenson, Maryland. As a bush-league entry, it will not enter the water.