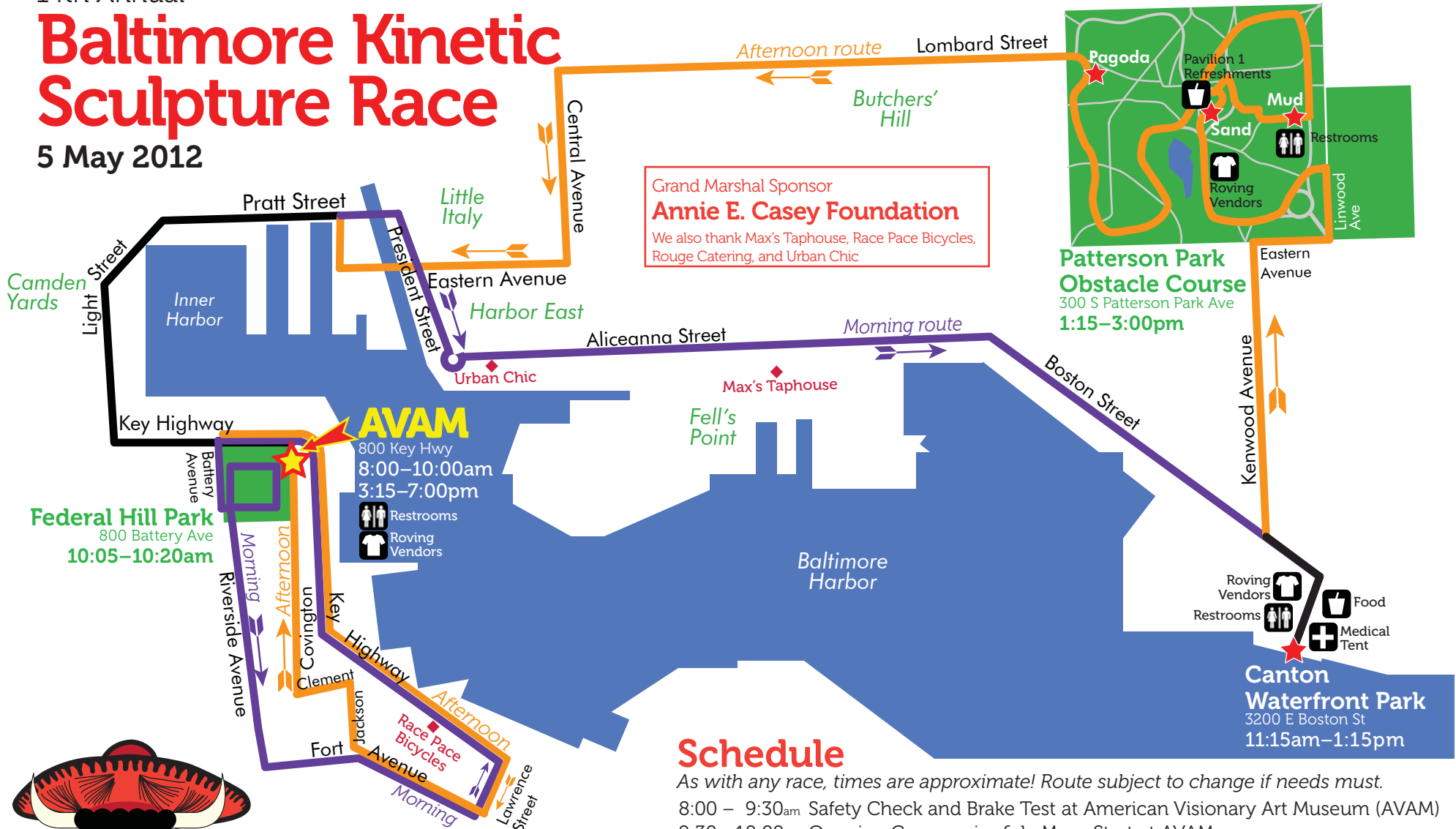


14th Annual

# Baltimore Kinetic Sculpture Race

5 May 2012



Grand Marshal Sponsor  
**Annie E. Casey Foundation**  
 We also thank Max's Taphouse, Race Pace Bicycles, Rouge Catering, and Urban Chic

**Patterson Park Obstacle Course**  
 300 S Patterson Park Ave  
 1:15-3:00pm

**Canton Waterfront Park**  
 3200 E Boston St  
 11:15am-1:15pm

## Schedule

- As with any race, times are approximate! Route 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 Up Kenwood, right on Eastern, left on Linwood and into 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, Lawrence, Fort, Jackson, Clement, and up Covington to the finish line at AVAM (finishers may begin arriving as early as 3:15)
  - 4:00 - 5:30 Post-Race Recovery (dinner for racers & volunteers)
  - 6:00 - 7:00 Awards Ceremony at AVAM

[www.KineticBaltimore.com](http://www.KineticBaltimore.com)  
 The Kinetic Sculpture Race is hosted by the  
**American Visionary Art Museum (AVAM)**  
[www.avam.org](http://www.avam.org) 410-244-1900  
 Map prepared by Tom Jones



## Race Day

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

**8:00–9:30 Pre-Race:** See sculptures in unsullied glory, but don't disturb the frantic pilots. Read "Getting to AVAM."

**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're running late, head straight to Fort Avenue or Lawrence Street from the I-95 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 Whole Foods' garage on Aliceanna if you get lunch there.

**11:00–1:15 Into the Harbor! Canton Waterfront Park** at the Korean War Memorial: The sculptures go down a ramp for a loop 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 trucks likely include the Gypsy Queen's mac & cheese waffle cone and Cazbar's falafel and kebabs.

**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, 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 spread out more. Fort Avenue is uncrowded and parking is easy. Each entry breaks through a huge banner along Covington Street to finish at AVAM.

**4:30–5:30 Dinner:** You should eat. If you're presentable, the Rusty Scupper is open across the street and Mr. Rain's Fun House atop AVAM starts dinner at 5:30. Good local restaurants along Light Street in Federal Hill are 10-minutes' walk to the west, and various tourist restaurants are also close by on the north side of the Inner Harbor.

**6:00–7:00 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!

Get a free forecast from the National Weather Service at **410-500-4450**. Or text "**weather 21202**" to GOOGLE (**466453**). Regardless, the race goes on in any weather (except volcanic eruptions).

## 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 an orange number tag on their sculpture 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 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, Kinetinauts are required to stop to have their passports stamped by race officials.

**World Championship:** Our 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 raceable Kinetic Sculpture, and spread Kinetic Racing around the world. We miss his crazy enthusiasm.

**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

The Orioles are away May 5, so street parking near AVAM will be less grim than last year, but still scarce.

**Charm City Circulator:** Free pleasant buses! Purple Route from Amtrak Penn to Maryland Science Center near AVAM, Orange and Green lines to Fell's Point and vaguely near Patterson Park. Maps at [charmcitycirculator.com/](http://charmcitycirculator.com/)

**Light Rail:** Park and take a comically slow train to Camden Yards station, then a pleasant 15–20 minute downhill walk to AVAM. Free parking north of downtown at Falls Road and Lutherville stations near I-83; South at Cromwell/Glen Burnie station near I-97. Light Rail meets Amtrak at Penn and BWI stations. See [mta.maryland.gov/light-rail/](http://mta.maryland.gov/light-rail/)

**Parking Garages:** You can pay at the Rusty Scupper lot across the street from AVAM. (Digital Harbor High will tow you!) The business district on the North side of the Harbor has many garages from which it's 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](http://Parkopedia.com) for a map of garages and prices.

## Attractions Near AVAM

1. **AVAM:** The American Visionary Art Museum hosts intuitive, self-taught work by artists who are compelled to create. Exhibitions change annually. Now showing "All Things Round" 10am–6pm race day: [avam.org](http://avam.org)
2. **Maryland Science Center:** Exhibits about dinosaurs, health, space, and physics; IMAX and planetarium. 10am–6pm: [mdsci.org](http://mdsci.org)
3. **National Aquarium:** Sharks, rays, jellyfish, dolphins, Australian Outback, and tiny shiny colorful poisonous frogs. 9am–6pm: [aqua.org](http://aqua.org)
4. **USS Constellation** (1797 frigate), **USS Torsk** (1944 submarine), **USCGC Taney** (1936 cutter), **7-Foot Knoll Lighthouse** 10am–5:30pm: [HistoricShips.org](http://HistoricShips.org)
5. **Urban Pirates:** Reservations recommended for 9:30am, 11am, 4pm Family Cruise or 5:30pm Bring Your Own Grog Cruise. [UrbanPirates.com](http://UrbanPirates.com)
6. **Baltimore Museum of Industry:** 1910 pharmacy, 1886 bank, steam tugboat, historic vehicles, WWII flying boat bomber. 10am–4pm: [thebmi.org](http://thebmi.org)
7. **Fort McHenry:** 2 miles south of AVAM, the star-shaped fort inspired our national anthem; 8am–4:45pm: [nps.gov/fomc](http://nps.gov/fomc) Avoid the Fort Avenue bridge: it's closed!

## Spectate from One Spot...

The whole point of the race is that the sculptures move 14 miles (1 mile shorter than last year due to the Fort Avenue Bridge construction). The easiest way to spectate is to pick a spot along the route and watch them pass by; parking is plentiful along many stretches (most along the purple morning and orange afternoon routes shown on the map). For a grander experience, head to AVAM, Canton Waterfront, or Patterson Park, where sculptures congregate.

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. Since there may be last-minute changes, be sure to confirm the route once you're in the neighborhood.

## ...Or 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 14 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 \$12 for adults, \$6 for kids age 3–10. 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**. Download a map at [BaltimoreWaterTaxi.com](http://BaltimoreWaterTaxi.com)
- **Automobile:** You can park, spectate, get back in your car, and drive to the next spot. If you can parallel park and navigate the city, this can be a reasonable option, especially if you have lots of cargo. Read parking signs carefully!



## The Sculptures

- 1. **ACE Halo** is a 2-seater 200-pound sculpture made of hoop and wire from a first-time team from Arlington.
- 2. **Nyan Craft**: Washington's Maret School redesigned the chains that thwarted their 2011 kinetic attempt. This 2-seater features sprockets for petrol-assisted bicycles.
- 3. **ACE Traffic Jam** with 4 pilots and 17 feet long is the largest of 5 sculptures from Baltimore's Jemicy School.
- 4. **ACE Jeepers** is a Jeep-theme 1-pilot Jemicy sculpture.
- 5. **ACE Going Postal** is a 1-pilot Jemicy sculpture in the form of a US Post Office truck
- 6. **ACE Hot Rod** is a 1-pilot classic car Jemicy sculpture.
- 7. **ACE Keep on Truckin'** is a 1-pilot Jemicy sculpture shaped like a truck.
- 8. **Kiplala Rides Again** has 6 pilots (+2 from 2011). The demon cat Ki La-La 雲母 of the InuYasha 犬夜叉 manga series avenges victims of evil, interpreted in kinetic form by Baltimore's KIPP Ujima Village Academy.
- 9. **Bling Dynasty** Many years ago, forces of conformity shattered Baltimore's Charm into 5 pieces scattered around the city. Wearing jewels and crowns, the Monkey King and his protectors will travel to Canton Harbor, Patterson Pagoda, and the Great Wall of Mirrors to battle for each piece. They travel on a junk crafted to scale steep mountains, ford rapids, and traverse desert sands and life-sucking mud. Our heroes will battle demons including Kung Fu Panda, General Tso and his Chicken, and Princess of the Blue Moon. The Make Believers won 3 **Art** awards with 2011's *Ankh-ers Away*, 2010's *Los Baltimertos*, and 2009's *Happily Never After*.
- 10. **ACE Rumspringa** In search of the ACE that eluded them in 2011, the Am-Ish team returns with a radically updated yet still 100% Amish-engineered buggy. Rumspringa is when young Amish roam to experience the greater culture before deciding to permanently join their community. Pilots Melissa Koerner and Philip Smith chose Rumspringa in Baltimore for its charm and diversity—and won 2011's **Engineering** award.
- 11. **Loose Cannon** features 4 daredevil pilots atop 2 12-foot diameter wheels (with a bonus 3<sup>rd</sup> balance wheel). The from-scratch 2-speed transmission is bolted to a rear axle from a U-Haul truck. The kinetic circus act is from Team 1,800 Lbs, whose 2011 *Pussy Galore* and 2009 *Hot Beef Injection* both won **Best Pit Crew**.
- 12. **Go Ask Alice**—the colossal hookah-smoking blue caterpillar straight from Lewis Carroll—returns from winning **People's Choice** in 2010 and 2011. Check out 6 linked tricycles and plasma-cut artwork under its stretchy vibrant skin.
- 13. **Yes! Oui! Cancan!** is a tribute to Paris with a 9-foot Eiffel Tower made of 4,000 wine corks and a cancan lineup of famous French citizens. It's from the Takoma Park team whose *Candy Haus* won 2010's **Grand Mediocre Champion** and 2011's *Bob* won **Lucky 13** for an exciting waterfront steering failure.
- 14. **The Polysaccharides** is a 120-pound entry from the Baltimore Polytechnic Institute high school who created 2011's *PolyGnomials*.
- 15. **Walobo** is the first entry from the Waldorf School of Baltimore. With 4 pilots, spectators should keep an eye out for wolf treats.
- 16. **Cup o' Noodles** from Landsdowne High School is a tribute to cheap deliciousness and the steaming cup that once adorned Times Square. Last year this was *The Claw Machine* and won **Golden Flipper** for its dramatic capsized at Canton as stuffed animals floated away.
- 17. **ACE Agogosaurus** is a 4-pilot hinged dinosaur with wooden paddlewheels sponsored by Bike123.com—Mt. Airy Bicycles and College Park Bicycles.
- 18. **The 1%** is a comic look at the widening divide between the Haves and the Have-Nots. Sponsored by Proteus Bicycles, this 2-pilot entry is reportedly cast of solid gold, using wood from endangered rainforests for cupholders, and seat cushions made from Donald Trump hairpieces wrapped in baby seal skins.
- 19. **Riot-n-Roll** is inspired by plastic "Big Wheel" trikes. Not yet completed as this guide went to print, it probably has 5 pilots. It's the first entry from the Columbia office of Riot Creative Imaging.
- 20. **ACE The Machine**. Team GoStopFloat of Lauraville returns their front-wheel drive, rear-steer 4-seater tricycle with steampunk theme in its third ACE attempt. New 3-gear setup covers flat, hill, and sand & mud with propellers on the water. They've won **Best Costumes** for the past two years dressed as sushi and vegetables.
- 21. **FLOCK (Flight Learning Or Contraption Kinetic)** is a new 1-pilot sculpture team from Fairfax featuring a flock of geese showing how to fly the kinetic route.
- 22. **ACE Bike to the Future** is an adventurous new team from Virginia with an 8-pilot entry weighing 1,500 pounds. Their theme song is A-Ha's *Take on Me*.
- 24. **EI PLATYPUS (Personal Long-range All-Terrain Yacht Proven Un-Safe)** is the profoundly robust 2-ton, 8-pilot, 2-barnacle entry returning as 2011's **Grand Mediocre Champion**. The bike-to-SUV drivetrain is an amazing feat of custom engineering. This year, Pokey demonstrates his Mexican-Australian heritage for Cinco de Mayo.
- 25. **Lickity Split** is a 5-pilot banana split sponsored by Advertising.com.
- 26. **ACE Max's Pride** is a 6-pilot entry celebrating the 200<sup>th</sup> anniversary of the War of 1812, sponsored by Max's Taphouse on Broadway just south of Aliceanna.
- 27. **Bumpo Goes to Mexico** the American Visionary Art Museum's elephant shows the spirit of Cinco de Mayo.
- 28. **Fifi Loves Frida** is AVAM's giant pink kinetic tribute to Mexican surrealist painter Frida Kahlo.
- 29. **Frog** is AVAM's 12-foot tall 2-pilot amphibian tribute.
- 30. **Mario Cart** is from Baltimore City College high school which raced 2011's *Batmobile*.
- 31. **Poseidon's Adventure** is but a mystery as this guide goes to press. The water entry may prove interesting.
- 32. **TBD** Arbutus Middle School has a team but no info.
- 33. **ACE Kinetic Airways'** 1-pilot entry from Frederick returns for its eleventh year, seeking a sixth **ACE**.
- 34. **ACE Cat-a-Maran** is the latest last-minute entry from the Dumpster Divers of Philadelphia.
- 35. **Herding Cats** is a 1-pilot sculpture from the Towson University Sculpture Department.
- 36. **Lucy's Chariot** is a 2-pilot sculpture from Towson University's Sculpture Department.