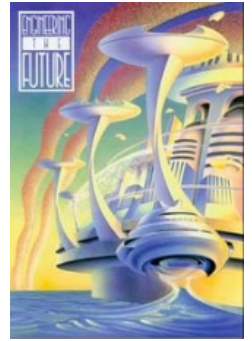


## MD Section ASCE Younger Members - Future City Competition Maryland Regional Future City Competition



### ***Windsor Knolls Middle School wins 2008 Maryland Future City Competition***

The Maryland Regional Future City Competition, sponsored by ASCE and SAME was held on January 26, 2007 at the Baltimore Museum of Industry. Begin as early as last October, teams of 7<sup>th</sup> & 8<sup>th</sup> graders from schools throughout Maryland worked hard with their teachers and engineer mentors to:

- Design a virtual city of the future using SimCity 3000™ software.
- Build an actual working physical model of a portion of their city using both new and recycled products.
- Write an essay about city planning and particular design issues.
- Verbally present their city to a panel of judges from the engineering,
  - planning, and architecture communities.

All the teams develop their own unique models and every one of the entries in the regional competition receives at least one special award. The overall winner for this years competition was ***Windsor Knolls Middle School*** for their city “Ropa A”. We would like to congratulate all the schools who participated and all the engineering volunteers and mentors for their support. Look for information about next year’s competition on the ASCE website and at [www.futurecity.org](http://www.futurecity.org).



## What is the Maryland Future City Competition?

The Future City Competition is a national program sponsored by the engineering community to promote technological literacy and engineering to middle school students. The program fosters an interest in math, science, and engineering through hands-on, real world applications. The competition is open to all public, private and parochial schools. The national finals of the Future City Competition are a featured event during National Engineers Week, with students from across the country competing in Washington, D.C. The Future City Competition offers students a fun way to learn about engineering and cities of the future.



The competition employs a team-based approach. Each team consists of three students, a teacher-sponsor and an engineer-mentor. All members of the team have a role that is necessary for the successful completion of the project.

### Competition Rules

1. The registration fee is \$25 for those schools that want to register and need to order the SimCity™ software. You may use either SimCity 3000 Unlimited or SimCity 3000.
2. Models must contain a moving part, built to scale (as determined by the team), and contain no live animals. If a power source is used, it must be self-contained, i.e. no plugs.
3. The regional coordinator must receive these items by the scheduled due dates:
  - SimCity Model
  - Completed Computer Score Sheet
  - Essay and Abstract
4. The model must be no larger than 30" (width) x 60" (length) x 24" (height).
5. The team will decide what materials to use to build the city. The total cost of all materials used to make the model and including any other materials used in support of the oral presentation, must not exceed \$100 cash or in-kind. An expense listing must be completed on the city model expense. This completed form must be brought to both the regional and national competitions.
6. The completed essay form will include the name of the future city, the names of the team members, an abstract of the city describing its function (100 words or less), and the student essay on a topic designated by the national competition (500 words or less).
7. The City model expense form must be brought to the physical model delivery location.

### Competition Documents

All competition documents including Teacher and Volunteer Manual, Judges Manual, and resources regarding the essay questions can be found at [www.futurecity.org](http://www.futurecity.org) under the "Resources" heading.

### School Registration

Schools may register for the 2008-2009 Maryland competition by going to [www.futurecity.org](http://www.futurecity.org) and clicking on the "Register" heading. Once you sign up, you will be contacted by our Schools Coordinator to be matched with a mentor and briefed on the details of our Maryland competition. Competition materials will be available in August 2008.

### **Engineer Mentor Registration**

Engineers may register for the 2008-2009 Maryland competition by going to [www.futurecity.org](http://www.futurecity.org) and clicking on the "Register" heading. Once you sign up, you will be contacted by our Mentor Coordinator to be matched with a school and briefed on the details of our Maryland competition. Competition materials will be available in August 2008.

### **Contact Info**

Please feel free to ask us questions about the competition!

*Raymond L. Moravec*  
*Maryland Regional Coordinator*  
Wallace, Montgomery & Associates  
110 West Road, Suite 300  
410-494-9093  
[R\\_Moravec@WallaceMontgomery.com](mailto:R_Moravec@WallaceMontgomery.com)

Please send problems/questions concerning this website to web manager.  
Last updated 4/8/2008.

