

2011 MARYLAND REGION FUTURE CITY COMPETITION

January 2011—Baltimore Museum of Industry

What is the Future City Competition?

Future City is a non-profit national competition sponsored by the engineering community to promote technological literacy and inspire middle school students to explore futuristic concepts and careers in engineering. The program strives to foster an interest in math, science, and engineering by engaging students in a fun, hands-on competition focusing on real world applications in engineering and science. Students gain invaluable firsthand experience with problem solving skills, teamwork, research and presentation skills, and computer skills. They learn how engineering shapes the world around them and how the city and the environment they live in are affected by the decisions of engineers every day. 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



or more 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.

Students learn and develop key vocational and academic skills:

- PROBLEM SOLVING SKILLS
- TEAMWORK SKILLS
- RESEARCH AND PRESENTATION SKILLS
- COMPUTER SKILLS
- COMMUNITY AWARENESS

Call for Volunteers...

The Maryland Region of Future City needs YOUR help as volunteers, judges, or engineer-mentors for a fun and rewarding program which highlights the role and importance of the engineering profession to students, parents and teachers in a fun and exciting way...

VOLUNTEERS NEEDED:

There are many opportunities to become involved with the student teams and the competition. Commitment levels vary and can be as low as just a few hours of your time to several days worth of effort. The time you invest can have a huge impact in a young

person's life! Some of the areas we need help with are:

ENGINEER-MENTORS: The engineer-mentor provides input and technical assistance, integrating real life engineering experiences as the students work on the competition.

Approximate commitment time: 35-45 hours total

JUDGES: Evaluation of student submissions in each of five categories: a computer disk containing the logical design of their city, research essay, city abstract, a physical model of a section of their city, and a verbal presentation.

Approximate commitment: 20-30 hours total

EVENT-DAY SUPPORT: The competition will involve students from throughout Maryland. Volunteers are needed to assist in all aspects of the competition including team check-in, awards, gift distribution and other logistical requirements of the event.

Approximate commitment: 10 hours on January 16

Contact one of our regional coordinators to volunteer today!

FUTURE COMMITMENT: To ensure a successful event for next year, we need to begin our planning NOW. A series of committees have been organized to get us underway including: Industry Relations, Professional Society contact, School Contact/recruiter, Administration and Finance, Communications, Competition, Data Management, Judges, Awards and Logistics. All individuals, both technical and non-technical, can participate on a committee.



EVENT SPONSORS: To ensure a successful event we also need sponsorship and support from engineering firms. There are several levels of sponsorship available: Gold and Silver plus special sponsors.

Gold Sponsors: (\$500) Gold Level sponsors will be invited to present a special award at the regional competition and will get logo recognition on competition materials.

Silver Sponsors: (\$200) Silver Level Sponsors will receive logo recognition on all competition materials.

Special Sponsors: (\$???) Special sponsorships for meals (breakfast or lunch) and refreshment stands are always welcome. Please contact one of our regional coordinators to arrange for a special sponsorship.

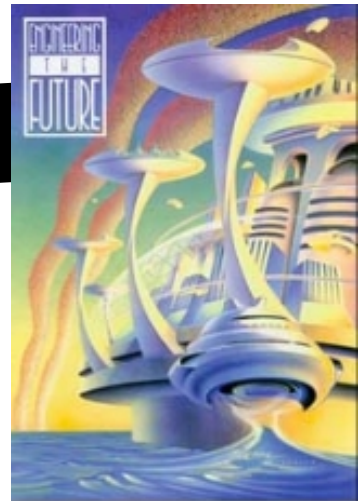
If you or your company are interested in helping with this fun and rewarding event please contact one of the Maryland Regional coordinators today!

Maryland Regional Coordinators

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We are on the Web at
www.futurecity.org



Since the Future City Competition began, the education and engineering communities have recognized it as an innovative learning program. Excitement abounds in classrooms throughout the country...Join us to help train the leaders of the future to build a livable tomorrow!



B u i l d i n g a l i v a b l e T o m o r r o w .