**Cornell iGEM 2013 New Member Application**

Thank you for your interest in Cornell iGEM. We cannot stress enough the importance of new members to this team’s success. Our project each year grows from the ideas and energy of our new teammates.

That said, as there are many more interested students than spots on the team, we require a new member application. We look forward to learning about you.

Please save your resume and application as two documents: **Last Name\_First Name\_Resume** and **Last Name\_First Name\_iGEM Application\_2013,** and submit these documents via email to [cornelligem@gmail.com](mailto:cornelligem@gmail.com). This application form AND your resume must be submitted by 11:59pm on Saturday, January 5, 2013.

[Optional: Attach any supplementary material that demonstrates your skills and accomplishments (e.g. journal publication, animation video, class project)]

As you fill out this application, it may be helpful to keep the timeline below in mind...

Spring: brainstorm next project and new-member training (2 credits, 6-8 hrs/week)

Summer: on-campus project work (20+ hrs/week).

**All new team members are required to stay in Ithaca over the summer**

Fall: finish project, compete (3-4 credits, 9-16 hrs/week)

If you have any questions while completing your application, please do not hesitate to email us at [cornelligem@gmail.com](mailto:cornelligem@gmail.com)! Thank you for your time, and we'll get back to you at the end of winter break.

Best wishes,

The Cornell iGEM Team

**Contact Information**

*Name*:

*Phone* *Number*:

*Email* *Address*:

**Academics**

*Major(s)*:

*Minor(s)*:

*College*:

*Year* *in* *School*:

*Number of* *Spring* *2013* *Credits*:

*List of Relevant* *Courses Taken*:

**Cornell iGEM Specifics**

Which subteams are you applying to? Please rank in order of your preference (*you may apply to more than one, but might only be accepted to one subteam*).

* Wet Lab (molecular & synthetic biology techniques)
* Dry Lab (mechanical/electrical design and fabrication)
* Programming and Design (animation, web design, mathematical modeling)
* Public Relations (human practices, coordinating outreach/education events, contacting sponsors)

Please list all relevant skills that may apply to the subteams chosen above.

(*e.g. molecular cloning, MATLAB modeling, CAD*)

Do you have any potential conflicts with staying on campus for all of Summer 2013? If yes, please explain.

*(You will have ~3 weeks of personal time after spring semester ends before Cornell iGEM starts*. *We expect a minimum time commitment of 20 hours a week, per subteam you are a member of. For this reason, new members are expected to focus their efforts on one subteam.)*

**Long-Response Essays**

Here is your chance to really stand out from other applicants by showing us your skills, talent, potential, and personality. So write away, keep it interesting, and impress us!

* Please describe any skills and experiences you would contribute to the subteam(s) to which you are applying.  
  (*e.g. class projects, research programs, labs [include principal investigator’s name], relevant skills – 300 word maximum*)
* What do you like to do in your free time?  
  (*e.g. jobs, extracurriculars, hobbies, traveling – 300 word maximum*)
* Browse through [past iGEM projects](http://igem.org/Previous_iGEM_Competitions). Choose one from 2011 that stood out to you. Please aim to address the following questions *(500 word maximum)*:  
  - What was the goal of their project? How far did the team get in reaching these goals?  
  - What stood out to you about this project?- Optional: What are some future directions this project could take? Are there any changes you would make? Did this project give you any ideas for other iGEM projects?
* If you could break one law of physics to create a device (e.g. defying gravity to build a magic carpet), what would you invent and why? *(100 word maximum)*