

# University of Illinois iGEM 2010 Newsletter

## Inside this issue:

Regional Conference	1
Team Picture	1
Bootcamp	2
Upcoming Events	2
Support	2

## 2010 iGEM Regional Workshop

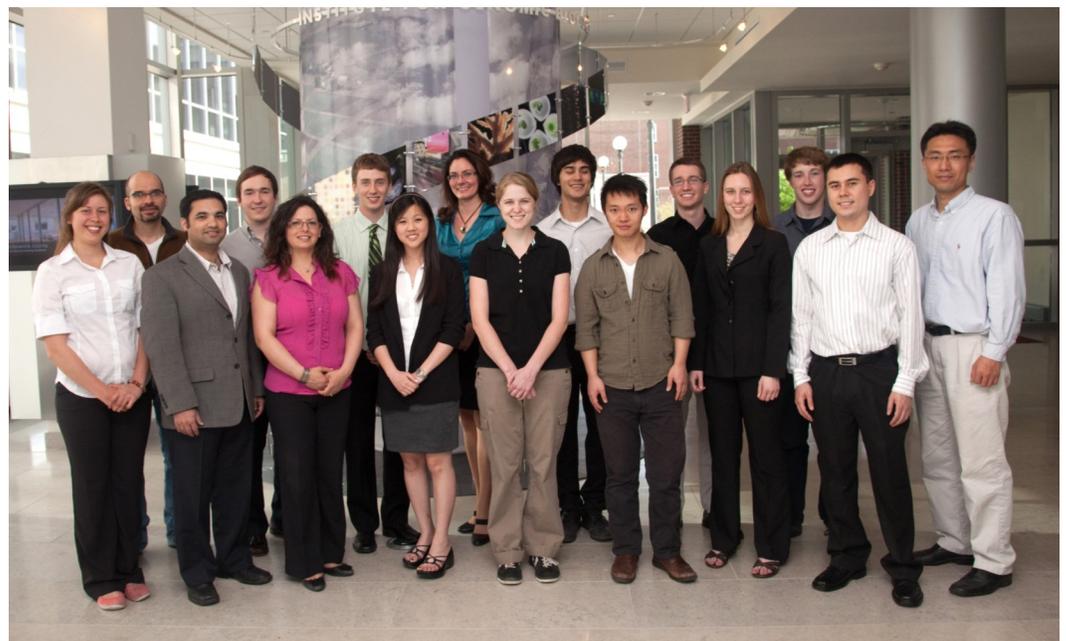
The University of Illinois iGEM team and the Institute for Genomic Biology were proud to host the 2010 iGEM U.S. Regional Workshop on May 22<sup>nd</sup> and 23<sup>rd</sup>. Representatives of teams from around the country attended as well as teams from Canada, Mexico and Panama! The conference served as an orientation to iGEM and using Bio-bricks. Some of the topics covered included coming up with a project, navigating the parts registry, finding, making, and

assembling Bio-bricks, requirements, and judging. The conference also allowed us to meet members of different teams and to hear about their backgrounds.

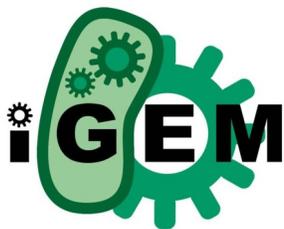


The Institute for Genomic Biology: Location of the 2010 US iGEM Regional Conference

## 2010 Team Picture



The 2010 University of Illinois iGEM Tools and Wetlab teams, and their advisors:  
From left: Anna Kropornicka, Dr. Chris Rao, Dr. Kaustubh Bhalerao, Steven Waltersdorf, Courtney Evans, Matt Entler, Amanda Chang, Joanne Manaster, Erin Borchardt, Bobak Hadidi, Francis Lee, Bob Cooper, Meagan Musselman, Colin Hoffman, Tom Hsiao, Dr. Yong-Su Jin  
Not Pictured: Anthony Ho, Jeremy Kemball, Dr. Nathan Price



## Bootcamp

The Wetlab and Tools teams spent the week of May 24<sup>th</sup> in bootcamp, learning the procedures of iGEM and furthering our background on synthetic biology as well as our projects. The Wetlab team spent the mornings meeting with advisors to discuss topics such as bioethics, primer design, and synthetic biology while the afternoons were spent in the lab learning procedures necessary for the molecular biology work we will be performing this summer. To practice, the team split into groups of two and picked BioBricks to assemble and assay during the week. During the week, time was also dedicated to researching metals, biomineralization and bioprecipitation for the project.

The Tools team was excited to discuss various ideas to implement the project, establish goals for the upcoming summer, and have an in-depth look in last year's software—IMPtools. To get familiar with the

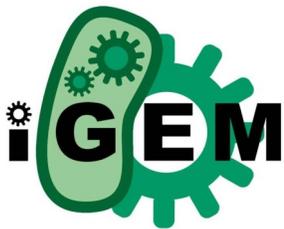
tools necessary for carrying out the project, we also spent time on practicing different programming languages and applications such as Python and Django. With the hard work of our members, we have already created a basic framework for our software by the end of the week. Both teams also enjoyed creating and designing our team Wiki's for the competition. The Wiki's will be updated throughout the summer, up until the iGEM Jamboree this November. To keep updated on where each team is with their projects, check out the wiki's at the following web addresses:

Wetlab Team:

<http://2010.igem.org/Team:UIUC-Illinois>

Tools Team:

<http://2010.igem.org/Team:UIUC-Illinois-Software>



## Upcoming Events and Public Engagements

**GAMES camp:** We are excited to have the opportunity to talk to high school and middle school girls about synthetic biology through the GAMES camp held by the University of Illinois. GAMES camp, or Girls Adventures in Mathematics, Engineering, and Science, is a week long camp aimed at middle school and high school aged girls to foster their

interest and excitement in the areas of math, science and engineering. Members of this year's iGEM team will be discussing synthetic biology with girls participating in the bioengineering portion of the camp July 30th and August 13th. We look forward to generating new interest in our growing field!

## We Need Your Support!

Financial support and supply donation is vital to completion of iGEM projects and the team's success. If you are interested in making a donation to the team please contact Co-Director Meagan Musselman at [musselm1@illinois.edu](mailto:musselm1@illinois.edu) or Melissa McKillip at [mmckilli@igb.uiuc.edu](mailto:mmckilli@igb.uiuc.edu). We appreciate any donation.



If you would like to stop receiving the monthly iGEM newsletter and be removed from the iGEM listserve please email either Erin Borchardt at [eborcha2@illinois.edu](mailto:eborcha2@illinois.edu) or Anthony Ho at [hho7@illinois.edu](mailto:hho7@illinois.edu).