

City Tech's **OpenLab**: **Community Partnerships for Innovation and Integration**

CUNY IT CONFERENCE 2015



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AT CITY TECH
A place to learn, work, and share

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OpenLab at City Tech

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[About](#) [People](#) [Courses](#) [Projects](#) [Clubs](#) [Portfolios](#) [Help](#)

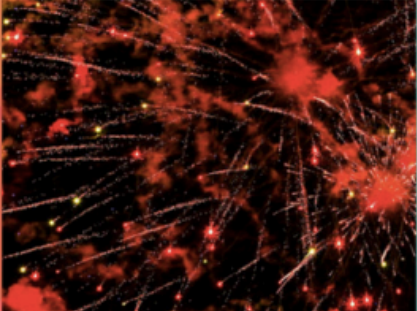
[Sign Up](#) [Log In](#)

**Join OpenLab**
Need an account?
Sign Up to become a member!


[Sign up](#)

**Log in**


[Forgot Password?](#) ☐ Keep me logged in [Log in](#)




15,000 OpenLab Members!
This semester we welcomed our 15,000th member of the OpenLab. Many thanks and a hearty congratulations to everyone in the OpenLab community! [\(Image credit\)](#)




IN THE SPOTLIGHT





Biology Open Educational Resources (OERs)
Developed in collaboration with the Library, this site contains many wonderfully rich OERs for two Biology courses at City Tech. [\(Image\)](#)
[See More](#)

Courses 





CDMG1111E402 Digital Media Foundations F...
This course introduces students to core concepts in the media field including color theory, design and production terminol-

Projects 





Exploring Quantitative Reasoning
This is an open space for those who are interested in Quantitative Reasoning to share questions and OR related materials.

Clubs 



Human Services Club
The Human Service Club, is a great way to network, help others, be an activist, and gain experience in the human service field.

Portfolios 



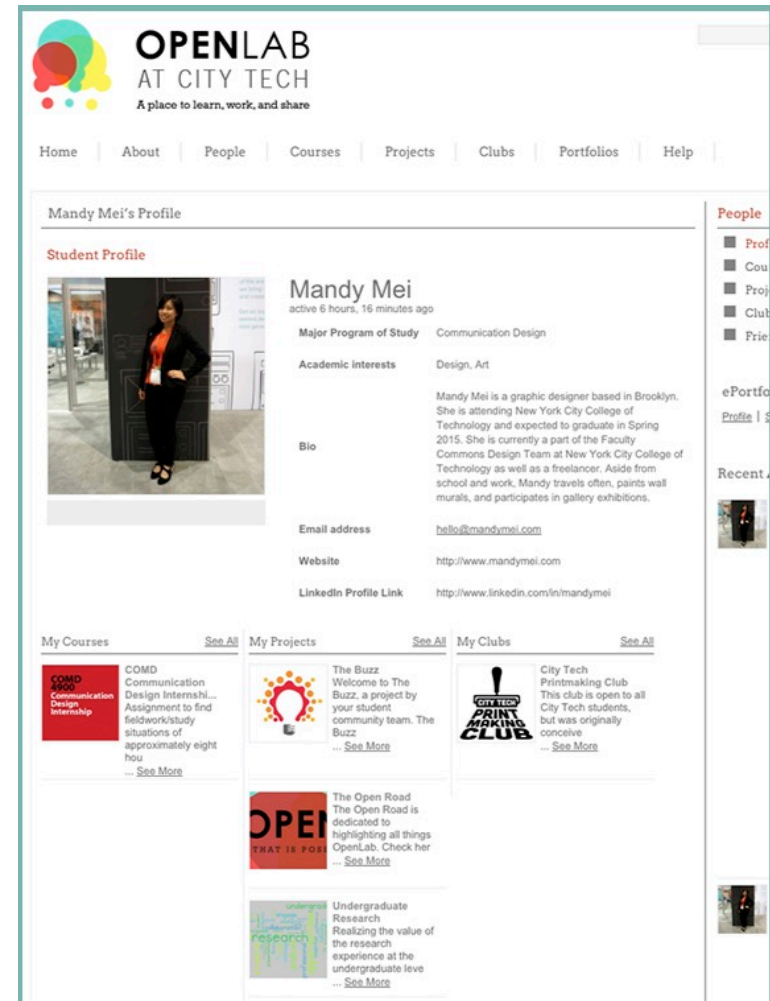
Chimdiebube Ejimbe's ePortfolio
My Portfolio
[See More](#)

WHO'S ONLINE?

The OpenLab Encourages Openness and Collaboration

The design of the platform encourages openness: unlike closed educational systems, the OpenLab allows members across the college to communicate with one another and the world outside City Tech.

Like a lab, it provides a space where the entire college community can work together, experiment, and innovate. Members can participate in discussion forums, edit documents together, create profiles and portfolios, share multimedia content, comment on one another's work, send messages, and make friendship connections.



our team



living lab project director: **Jonas Reitz**

living lab project co-director: **Charlie Edwards**

OpenLab co-directors: **Jill Belli, Genevieve Hitchings,
Jody Rosen, Jenna Spevack**

instructional technology fellow: **Bree Zuckerman**

community facilitators: **Scott Henkle, Andy McKinney, Tyler Peckenpaugh,
Destry Sibley**

developers: **Boone Gorges, early-adopter**

system administrator: **André Pitanga**

student graphic designers: **Faculty Commons Design Team**

student bloggers: **Jean Luc Antoine, Amoni Brown, Shawn Brumell, Jessica
Deng, Konyca Francis, Amanda Marmol, Mandy Mei, Brianna Vasquez**

Additional presenters

Anna Matthews

Assistant Professor of Dental Hygiene, L4 Director
New York City College of Technology , CUNY

Laura Westengard

Assistant Professor of English, L4 Director
New York City College of Technology , CUNY

Cailean Cooney

Instructor, User Services Librarian,
New York City College of Technology, CUNY

Patrick Corbett

Assistant Professor of English,
New York City College of Technology , CUNY



L4: LIVING LAB LEARNING LIBRARY

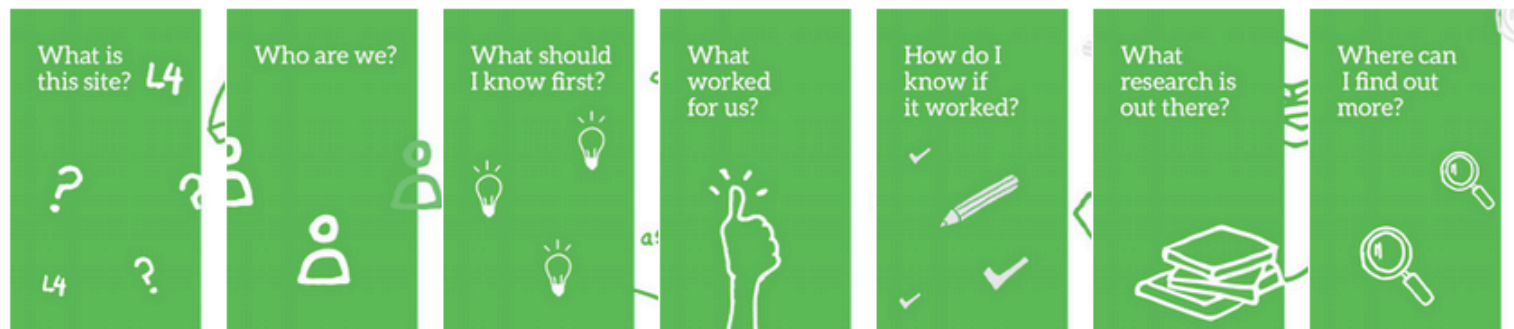


- A virtual resource exchange of teaching practices
- Open to colleagues within and outside City Tech
- <https://openlab.citytech.cuny.edu/l4/>



L4: Living Lab Learning Library

A virtual resource exchange of teaching practices



[Project Profile](#)



[Home](#)

[What should I know first?](#)

[What worked for us?](#)

[What research is out there?](#)

[Activities](#)

Find and Post Activities!

To share your own favorite teaching practices:

Click on [Activity template](#)

Complete the form
It's as easy as that!

To search for posted

What worked for us?

Posted on [April 7, 2015](#) by [Laura West](#)

Welcome to the center of the L4 site! Below you will find a search of activities and assignments that were submitted by City Tech faculty.

To submit an activity, complete the [Activity Template](#)

To continue an open discussion about innovative teaching practices, visit the [Discussion Board](#).

[General Education SLOs](#)

[Schools](#)

[High Impact Educational Practices](#)

[How do I know if it worked?](#)

[Public Service Learning Project](#)

[Capstone Courses/Projects](#)

[Collaborative Assignments and Projects](#)

[Common Intellectual Experiences](#)

[Diversity/Global Learning](#)

[First Year Seminars & Experiences](#)

[Chronicle of Higher Education](#)

[The Student Course Evaluation Be Redeemed?](#)
[One College, Professors Support Students](#)
[Protesting Racial Inequality: How One College Became Ground Zero for Student Unionization](#)
[Female Astronomers: Outsiders in Their Field](#)
[University Training Is in Demand. Does It Work?](#)

ACTIVITY TEMPLATE FORM

- Created to simplify submission process
- Online fillable
- For activities from homework assignments to semester-long projects
- SIMPLE and FAST

L4: Living Lab Learning Library: Activity Template

Activity Title

Your Name and link to OpenLab profile (if applicable):

Department/School:

Course and link to OpenLab course site (if applicable):

Activity Description: Provide a brief description of the activity.



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<http://cityte.ch/oer>

open educational resources

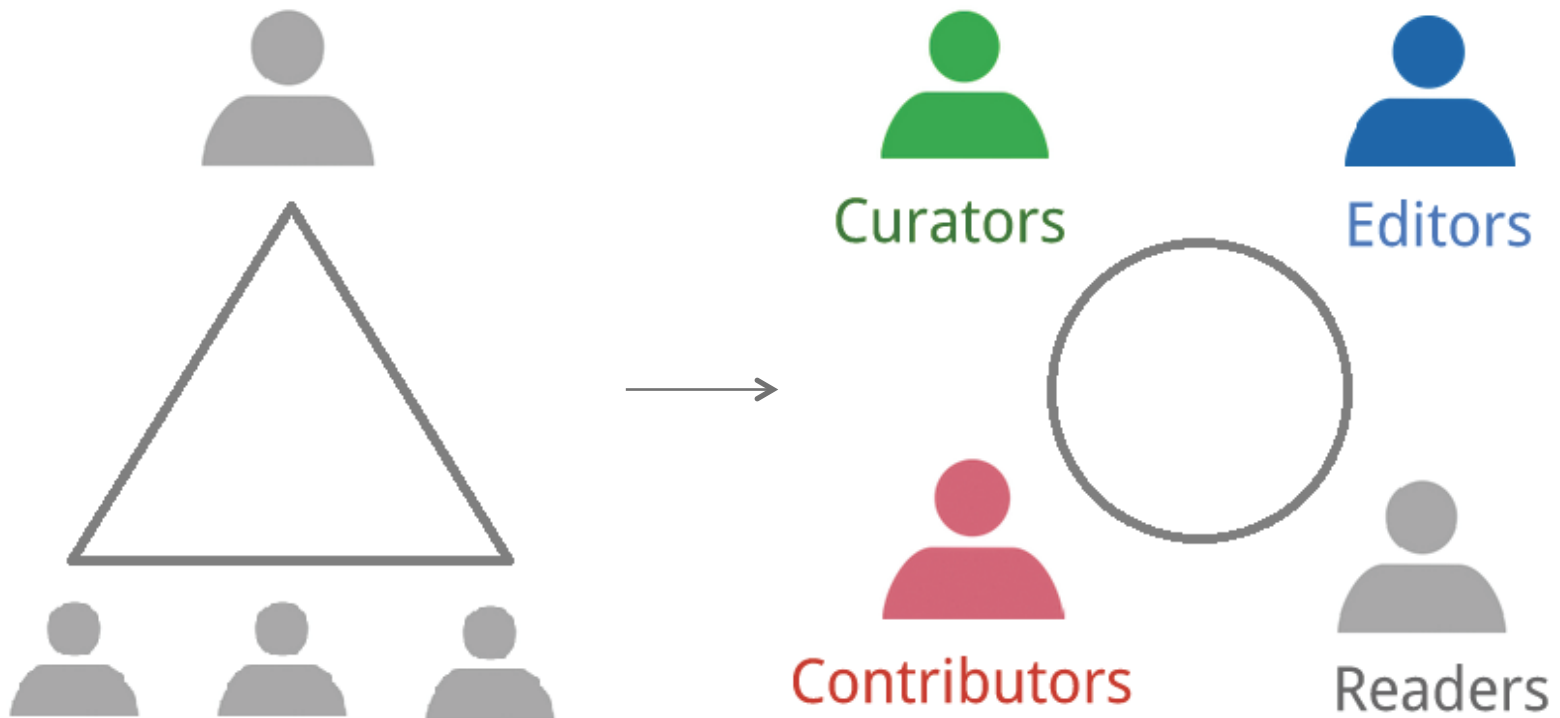


Ursula C. Schwerin

Library



<http://cityte.ch/oer>





OER ATTRIBUTES

Interactive
simulations

Tagged
learning
outcomes

Attribution

Creative
Commons
Licenses

Student
posts

Biology 1 Lab Manual by Prof. Jeremy Seto

Osmosis and Diffusion

Contents [hide]

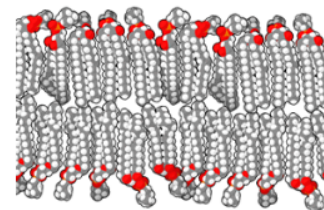
- 1 Understanding Membranes
- 2 Diffusion
- 3 Osmosis
 - 3.1 Further Reading

Table of
contents

Understanding Membranes

The cell membrane is the barrier that separates the cytoplasm from the internal cytoplasm with the external world. The cell membrane consists primarily of phospholipids in a bilayer. Phospholipids are amphipathic with a polar head (phosphate group) and a hydrophobic tail (2 hydrocarbon chains). Due to the chemical properties of the heads being attracted to water and the tails having a desire to avoid water, phospholipids self assemble into micelles. Cell membranes form from a phospholipid bilayer where the lipid tails interact with each other and the phosphate heads face the external water environment or the internal cytoplasm of the cell.

The cell membrane does not solely consist of phospholipids but also have proteins and cholesterol inserted into the bilayer. As the image of the bilayer above indicates, the molecules are constantly moving and flow in a lateral motion. Cholesterol modulates the fluidity of this motion. Proteins associated with the membrane may sit on either side (**peripheral proteins**) of the membrane or pass through both layers of the membrane (**transmembrane proteins**). The model that describes the components of the cellular membrane is referred to as the **Fluid Mosaic Model**. This model states that the cell membrane is a mosaic of 1) Phospholipids 2) Proteins 3) cholesterol that move about in a side to side motion.



GIFS!

HOW FACULTY USE OPENLAB

Blogging ➡

- Self-reflection & journaling**
- Research reporting**
- Formative feedback & assessment**
- Initiating topic discussions**

ePortfolio ➡

- Document & track student progress**
- Provide control of content to students**

Advising ➡

- Encourage student self-advising**
- Making materials available to future students**

BUT WAIT! THERE'S MORE!

- **Integrate multiple sections of one course into a large discussion format.**
- **Integrate student online participation across a course sequence into one location.**
- **Create informal discussions between students who are interning/studying abroad with future cohorts.**
- **Share own projects and research with internal and external audiences.**
- **“Hack” functionality to integrate with other information applications and technologies.**
- **Experiment with online content creation.**

NOTES ON FACULTY'S INVESTMENTS IN OPENLAB



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- **All faculty interviewed or surveyed came to OpenLab through faculty development programming.**
- **Most faculty are strongly engaged by the ideas of open pedagogy and community building.**
- **All faculty preferred OpenLab to Blackboard as a pedagogical tool.**
- **Technology-hesitant faculty saw OpenLab as a good investment of their time.**
- **Faculty new to “hybrid” teaching used OpenLab to develop a multi-modal teaching practice.**

The Buzz: Student Bloggers on OpenLab



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WELCOME!

Welcome to The Buzz, a project by your student community team. The Buzz is student blogging site dedicated to all things CityTech-- from how to handle the pressures of school, to what movies to see. One of us will post something three times each week, so check back often to join the discussion! And be sure to join the project to get regular updates!

FOLLOW ME ON TWITTER

Tweets

Follow

 **City Tech OpenLab** 22h
@CityTechOpenLab
Blog Post: In the Spotlight:
ARTH1112 - Introduction to
Film-Hybrid -
openlab.citytech.cuny.edu/openlab/communityteam/

[communityteam/](http://openlab.citytech.cuny.edu/openlab/communityteam/)

Why I Love to Cook

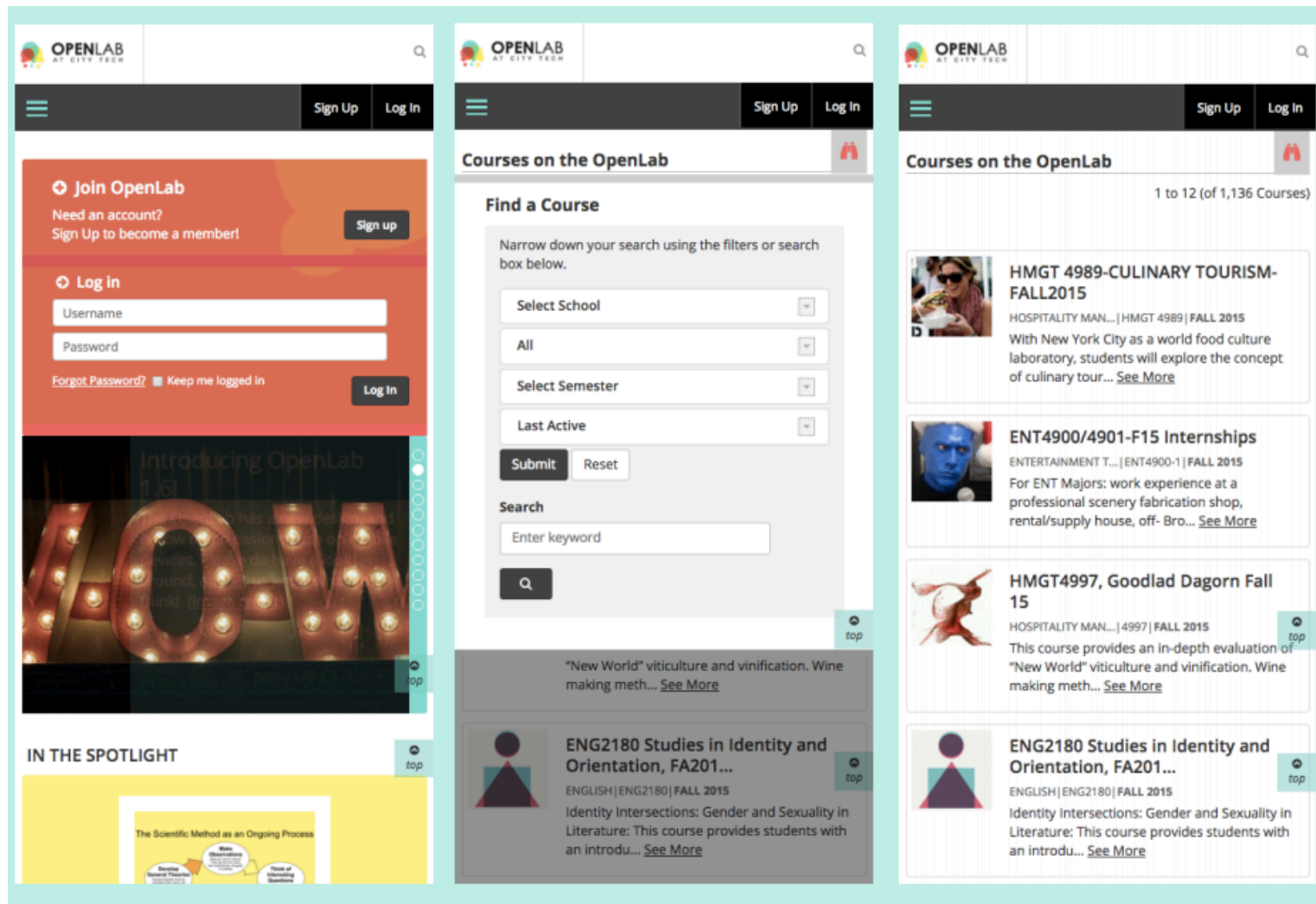
Posted on **December 2, 2015** by **Jessica**

Hope everyone had a Happy Thanksgiving and was able to eat lots of good food! I know I did. If you've been following my blog posts than you know that I normally like to write about restaurants, lists of foods I like, and etc. Today I would like to share with you why I love to cook, because even though I don't have time to do it as much as I'd like to I still love it! So here's five reasons why I love to cook –



Introducing OpenLab 1.6

The OpenLab has a new design, and is now much easier to use on mobile devices.



The OpenLab: People, Courses, Projects, Clubs, and Portfolios

The OpenLab was developed with individual courses, clubs, projects, and portfolios, but as its users and uses have evolved, we have received numerous member requests for opportunities for better integration of these sites, especially for cohort-focus initiatives.

The screenshot shows the OpenLab AT CITY TECH website. The header includes the logo and navigation links: Home, About, People, Courses, Projects, Clubs, Portfolios, and Help. The main content area displays the profile for the GRA 2330 Digital Photography Thursday Fall 2014 course, featuring a course profile, a list of recent site posts, and a list of members. The footer includes the City University of New York logo and contact information.

The screenshot shows a post on the GRA 2330 Digital Photography Thursday Fall 2014 site. The post is titled "Lighting" and is dated November 5, 2014, by Ramona T. The post features a photograph of a flower and a description of the lighting used. The post is categorized under "Lighting" and "Lighting Direction".

Group Profile and Site

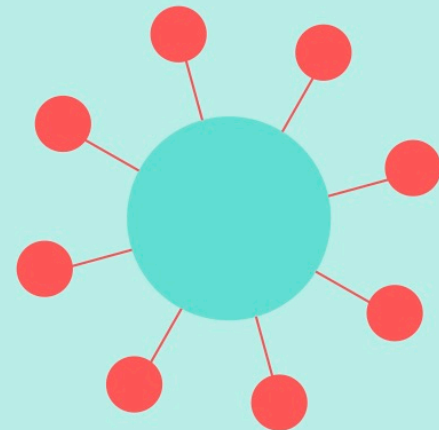
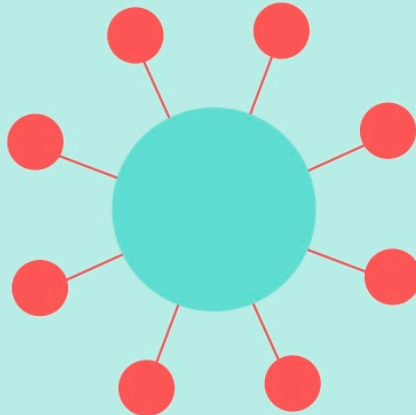
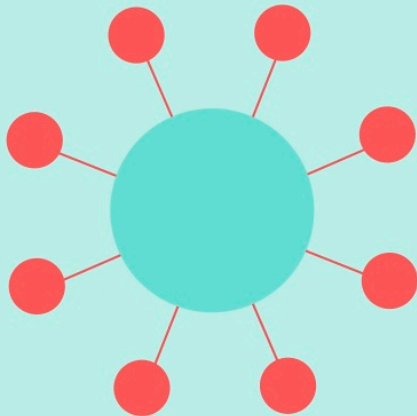
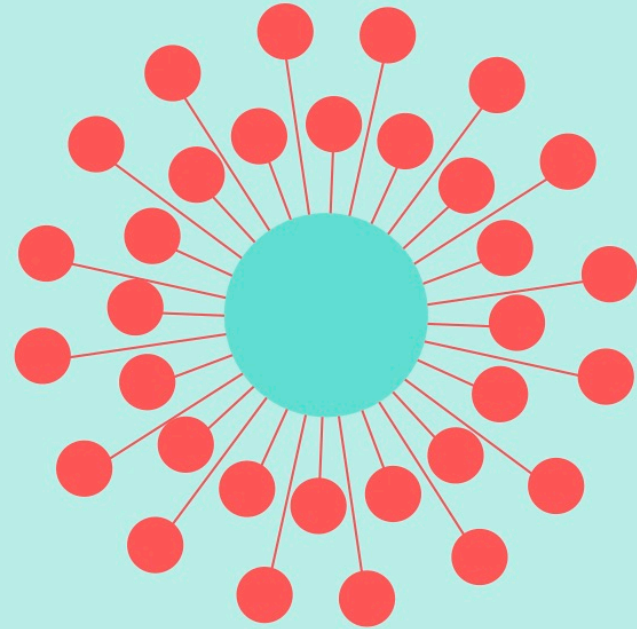
The Challenge:

1.

Currently large groups exist on the OpenLab, but size limits connection and communication among members.

2.

Smaller communities thrive on the OpenLab, but there is no easy mechanism for connection and communication among them.

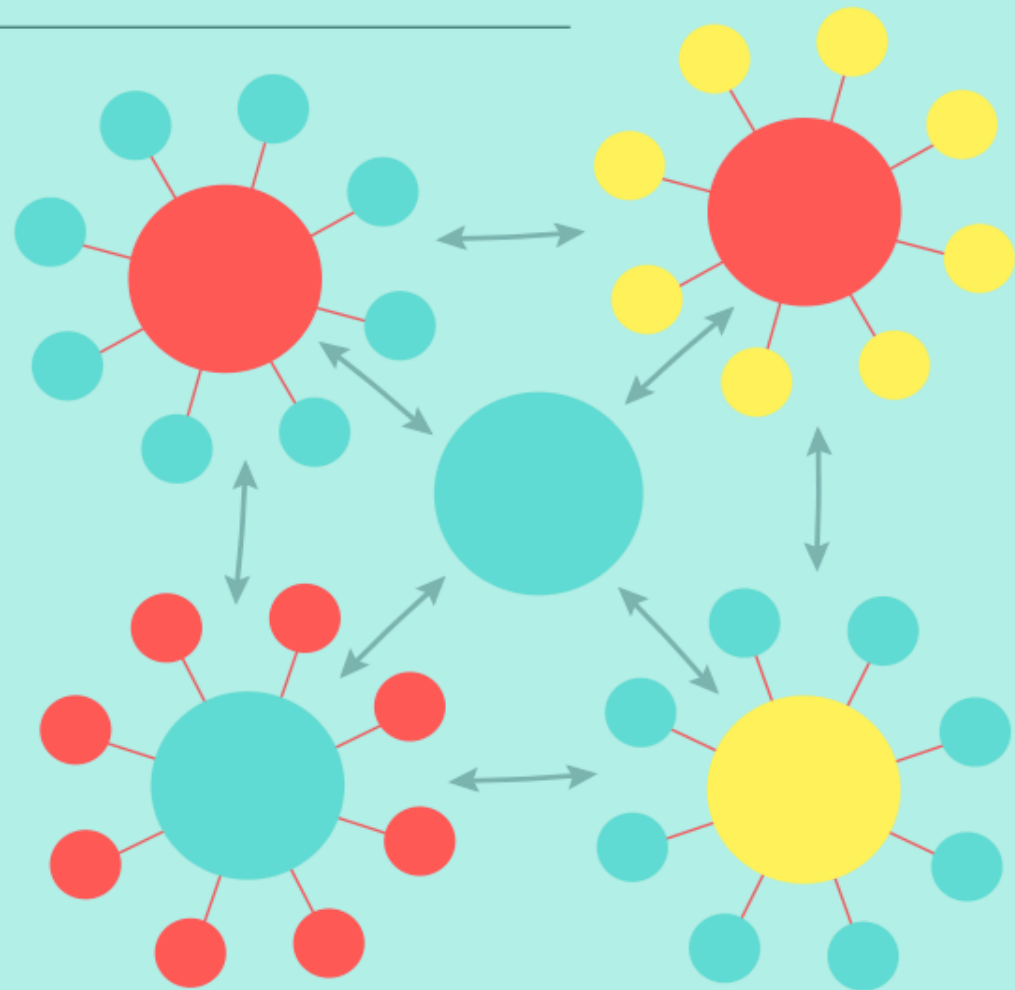


Cohort Communities

Cohort communities can be created within large initiatives (e.g. CUNY Service Corps, student orientation), enabling small group communications and connections.

Related groups can be connected to one another, enabling networks within networks.

This new **hub-and-spoke** functionality allows initiatives to scale up exponentially while supporting smaller cohorts, offering increased opportunities for mentoring, knowledge exchange, collaboration, and support, all proven factors of college success.



OPENING GATEWAYS: PARTNERS IN MATH



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