

WELCOME TO EDAMAME

(WE WORKED REALLY HARD TO COME UP
WITH A NAME FOR THE COURSE –
EXPLORATIONS IN DATA ANALYSIS FOR
METAGENOMIC ADVANCES IN MICROBIAL
ECOLOGY)

THE BACKGROUND:

We noticed there was a need to address the role of “next-generation” sequencing data focusing on ecological questions.

We thought it would be a good idea to address some of the techniques that have been used to address microbial ecological questions using sequence data.

Being able to biologically and computationally think about ecological questions is going to help to you.

OUR GOALS

Provide a safe & welcoming place to learn

Lots of help from many people with different backgrounds

Many guests to provide insight into different tools and research areas

Research specific help when possible

OUR EXPECTATIONS

Questions!

Don't be afraid to ask for help when you need it!
(we all have to do this sometime)

Acceptance (in both directions)

OUR HOPES

Enthusiasm!

Engagement!

Fearlessness!

Fun!

A SNAPSHOT OF OUR ACTION PACKED DAYS (TENTATIVE)

7-8: Breakfast. Head's up: They close promptly. (Frona's Bakery)

9:00 am-ish – Lecture

10:30 am – Morning Tutorial

12-1 pm – Lunch

1:15 pm-ish – Afternoon Tutorial

4 pm-ish – Free Time!

5-6:30 – Dinner

7 pm – Tutorial / Lecture / etc.

8-9 pm-ish – Relaxation Time

SCHEDULE – TENTATIVE

Wednesday 13th –

Thursday 14th –

Friday 15th –

Saturday 16th –

Sunday 17th –

Monday 18th –

Tuesday 19th –

Wednesday 20th –

WHO

Ashley Shade

Tracy Teal

Josh Herr

WHO (PART TWO)

Kevin Hall – TA

Qingpeng Zhang – TA

Cody Nicks – go-fer, driver, cruise director

Kevin Theis – guest instructor for mothur

WHO (PART THREE)

Jack Gilbert	(Argonne Labs / Univ. of Chicago)
Pat Schloss	(University of Michigan)
Kathryn Docherty	(Western Michigan University)
Jay Lennon	(Indiana University)
Stuart Jones	(Notre Dame University)
C. Titus Brown	(Michigan State University)
Jim Tiedje	(Michigan State University)
Jim Cole	(Michigan State University)
Dirk Colbry	(Michigan State University)
Adina Chuang-Howe	(MSU, all over and everywhere)

FOOD AND DRINK

Most meals will be at the KBS dining hall. Over the weekend they will be closed for a few meals. We'll make arrangements for those meals.

You might want to head to the market on your own. Kalamazoo is not too far away.

We can also make group arrangements to head to "town" – check with one of us or with Cody. This may have to be done with the NGS course, but we'll work it out.

RECREATIONAL STUFF

Some options at KBS are volleyball, frisbee, frisbee golf, boche ball, etc...

You may have to check with the KBS office for some of the options.

There is a game room with TV and tons of board games.

There are good places to run, to swim, to hike, to bike, to fish, to boat...

There is also a few laundry rooms and a weight room (?)

WIFI

MSUnet Guest 3.0

WRITTEN RULES

No swimming without friends.

UNWRITTEN RULES

USE THE STICKIES...

Red sticky means “I am in need of help...”

Green means “I’m doing ok”

You don’t have to use them all the time, but we may ask some of you to put them up so we can get an assessment of where we are at as a group.

COURSE MATERIALS!

Use the website: **edamame-course.org**

All the material is on our github site:

github.com/edamame-course

Do you tweet: Let's use **[#edamame2014](#)**

By the way, we're **[@ashley17061](#)**, **[@tracykteal](#)**,
[@number_three](#)

CODE OF CONDUCT

Please read the course code of conduct:

https://github.com/edamame-course/docs/blob/gh-pages/extra/edamame_code_of_conduct.md

Bottom line:

Let's all be nice to one another.

OUR SUPPORT COMES FROM

The BEACON Center for the study of evolution in action (MSU)

The High Performance Computing Center (MSU)

MO-BIO

Illumina

The University of Wisconsin-Madison Advanced Computing Infrastructure

Amazon Web Services

MSU Office of Vice President for Research and Graduate Studies

... Thank your Sponsors! tweet, blog, etc

MO BIO

Blogging opportunity!

**Emelia DeForce is REALLY excited to have
EDAMAME guest post!**

**ANY QUESTIONS OR
COMMENTS?**

CONCLUDING THOUGHTS

We want you to come out of this course with the confidence to try to tackle difficult things.

...these things might not be easy and there will be hurdles, but we know you can handle it because you all are talented.

We'll all work together to learn, question, analyze, and troubleshoot.

We're going to have a lot of fun.