

INTERDISCIPLINARY GRADUATE PROGRAM IN MOLECULAR AND CELLULAR BIOLOGY (MCB)

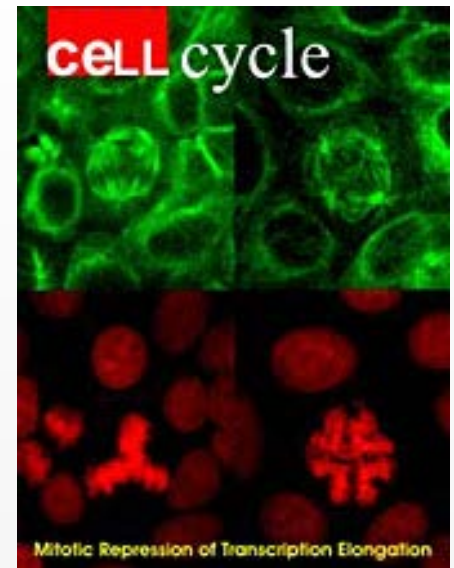
Matthew Potthoff– Director

Paulette Villhauer – Program Administrator

Karina Escobedo and Bhuvana Parampalli– Program Assistants

GENERAL FACTS

- 89 MCB Faculty members
 - For the 2017-2018 school year, 29 MCB faculty are actively looking for rotation students
- 40 current MCB students (20% on training grants or outside fellowships)
- Time to degree 5.0 – 5.5 years
- Most students have more than 2 peer-reviewed publications when they graduate
- 96% of MCB graduates become post-doctoral fellows
- 4% of MCB graduates go into teaching or industry



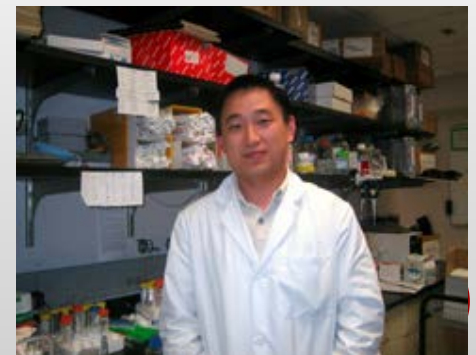
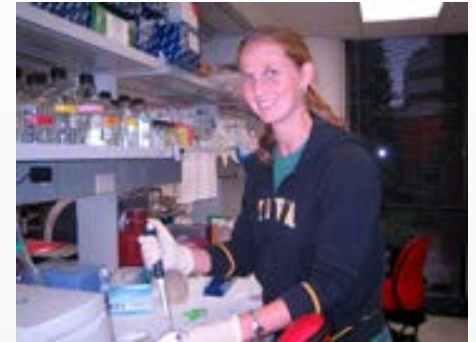
MCB COURSE REQUIREMENTS ARE TAILORED TO EACH STUDENT

11 sh required courses

- 3 sh - cellular biology core course
- 5 sh - molecular biology core courses
- 1 sh - biostatistics
- 2 sh - Principles of Scholarly Integrity (aka Ethics)

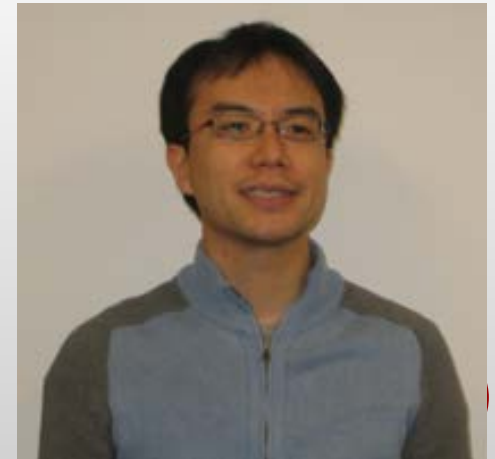
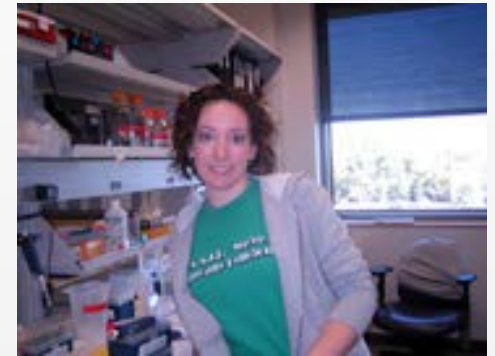
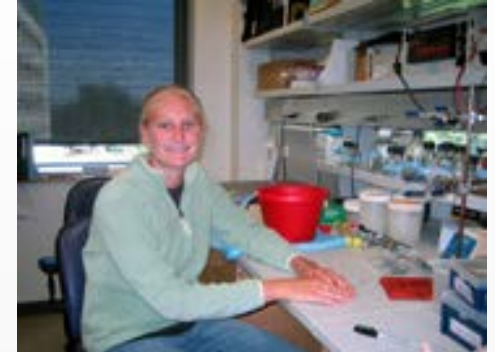
7 sh are student's choice

- 3 x 10-week laboratory rotations
- See <http://medicine.uiowa.edu/mcb/>
for program details



TA REQUIREMENT IS TAILORED TO EACH STUDENT

- TA for 3 sh - required
 - Students choose the course(s) they TA
 - Based on ability
 - Based on desire to teach that class
 - Learn to design and give lectures if students want
 - Learn to write and grade exams
 - May TA in courses outside MCB
 - May TA more than once
 - May TA undergraduate courses in Biochemistry or Microbiology



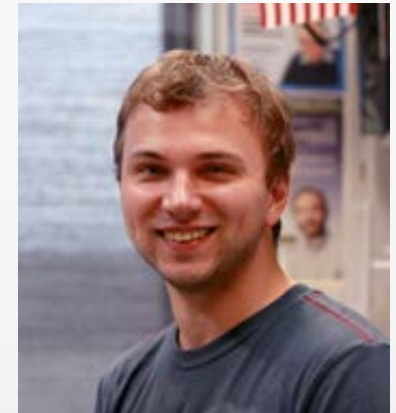
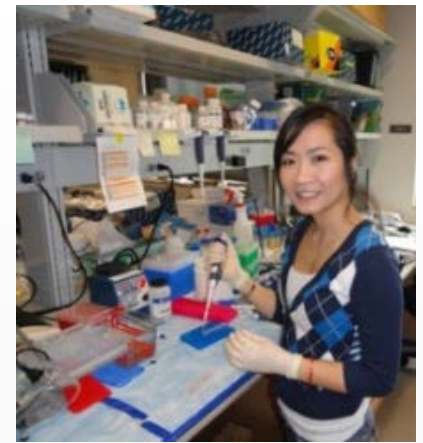
COMPREHENSIVE EXAM

- An NIH style proposal based upon a topic similar to your dissertation topic
 - May end up using this information in your dissertation
- Typical timeline for Comps – taken in 2nd year:
 - Jan-Mar
 - First dissertation meeting
 - Present dissertation plan to your committee
 - April
 - Comp Abstract to committee
 - Mid Jun
 - Full comp proposal submitted to committee
 - Late June – early July
 - Oral defense of comp proposal



OTHER STUFF

- Speed Dating Event – new students meet faculty who are actively searching for rotation students
- MCB Fall Retreat – September 9, 2017
 - Showcase students research
 - Win a travel award to attend a research meeting
- Learn leadership skills
 - Design and run the Scientists' Survival Skills Series
 - Choose topics
 - Invite speakers
 - Member of MCB Committees
 - Admissions – help determine the student makeup of MCB
 - Seminar – invite and host outside speakers
 - Retreat – choose place and outside speaker



CONTACTS FOR MCB

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