**MCDB 585 – Research in MCDB for BS/MS Candidates**

**MCDB 585 Student Contract**

As a student conducting independent research for Yale College course credit and the BS/MS Senior requirement, I agree to the following:

* I am expected to devote an average of 20 hr/week to this research. I am aware that failure to do so will result in withdrawal from the masters program.
* I will make every effort to attend my research mentor’s laboratory meetings.
* I will attend at least three of the student MCDB Oral Presentation. I understand that failure to do so will result in a half letter grade reduction.

Name: ­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Please Print)

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­­­­­­­­­­­­­  Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­

Email Address: ­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Research Mentor: ­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dept.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(Please Print)

Committee Member: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Title for Research: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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*Please return this form to the Office of the Director of Undergraduate Studies:*

*1220 KBT,* [*crystal.adamchek@yale.edu*](mailto:crystal.adamchek@yale.edu)*.*

Due dates: Student Form (Contract): Due 1 week after start of Spring classes

Poster Session: Mid April (TBD) [Optional for MCDB 585 students]

Proposal with Research Plan to Committee & Office of DUS:

(before February, 2018)

MCDB Oral Presentations sessions: TBD (Optional attendance)

Presentation of Prospectus to Committee (schedule before last day of classes)

Written Prospectus due to Committee and office of the DUS via email to ([crystal.adamchek@yale.edu](mailto:crystal.adamchek@yale.edu)) approximately 1 week before presentation.

**Guidelines for MCDB 585**

Interested students should contact the instructor prior to their second semester junior year.

**For 585 (Juniors-Spring Semester):**

1. Research: Students choose a research mentor. It is expected that the same research mentor will be used for 585 and 595. Assistance in selection of a research mentor can be arranged through the student’s regular academic advisor. Students are expected to devote 20 hrs/week to their research.
2. Committee: Students need to form an advisory committee comprised of three faculty members. One is the research mentor and **at least two faculty members must come from the Department of MCDB.** The members of the committee should be arranged in consultation with the student’s research mentor. **The committee should meet once within the first two weeks of the semester to discuss and approve of the research project.** Students should set up individual meetings with each member of the committee and present your work mid-semester. \*A Committee Meeting Form should be completed for all committee meetings and returned to the office of the DUS.
3. Proposal: Students should prepare a one page proposal stating the hypothesis and aims of your project and a short paragraph describing the approach. This proposal should be distributed to your committee and the office of the DUS a few days before this first committee meeting.
4. Written Prospectus: At the end of the course, students will prepare a written prospectus that will review their field, discuss their research accomplished and their research plan for 595. The paper should be approximately 8-10 pages single spaced, not including references.
5. Prospectus Presentation: Students will present their prospectus to their advisory committee before the end of the Spring semester. Students must notify the office of the DUS of the date of the scheduled presentation. The committee will question the student about their knowledge of both their field and research project. The committee will decide on a grade for the student.
6. Oral Presentations: 585 Students are also **invited to attend 2 of the MCDB Oral Presentations sessions**: Spring (Dates TBD)

585 students are *not* expected to give an oral presentation during these sessions.

1. Poster: Students are invited to attend the MCDB Poster Session Mid April, and may (*but are not required to*) present a poster.

**MCDB 585 Committee Meeting Form – Spring**

Student: ­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­­­­­­­­­ Date of Committee Meeting: \_\_\_\_\_\_\_\_\_\_\_\_

Thesis Advisor: ­\_\_­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Committee Member: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Committee Member: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Research Title : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Proposal/Plan: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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