

Annual QCB Training Program Trainers meeting
MINUTES

Monday, 11/1/2021, 1:00 pm via Zoom

<https://iu.zoom.us/j/82935746967?pwd=aTRTOG5DN1ZkbnFhN040RzJXTHA3dz09>

Meeting ID: 829 3574 6967

Password: 847580

- 1) Introductions and welcome
- 2) Current iteration of NIH support (years 1-5): 7/1/2019-6/30/2024. We are currently in year 3 of T32 GM131994 (approved at 5/6/6/6/6 plus 3/3/3/3/3 internal).

Actual allocation: 5/5/6/6/6 + 3/3/3/3/3 internal

Rotations are now required of all feeder programs, in order for prospective students to be considered for support by the program in an upcoming fellowship competition.

Discussion:

Trainer expectations: You agree to support your trainee as an RA throughout their time here once they roll off fellowship support. This is particularly important in the renewal application!

Again: Please encourage students rolling off to apply for other fellowship support (F31, other national, internal). Optimal timing for an F31 application is the April 8 deadline (in the second year of support; third year in graduate school), with a start date of January 1 of the following year.

SC Action: Let us know when a trainee applies for external fellowship support.

Action: The SC will work to develop an informal F31 workshop for interested trainers in the next several months.

- 3) Structure: The administrative structure of the program has changed, with Mike VanNieuwenhze replacing Nikki Pohl as Assistant Director of the program. This maintains representation from each of the six feeder programs (Giedroc, VanNieuwenhze, chemistry; Shaw, biology, physics; Walczak, CMCB; and Mackie, neuroscience), who are joined by the two current QCB Ambassadors. We expect a number of additional changes in program leadership (succession planning) over the next couple years as we prepare for the renewal to be prepared May 2023.

We'll continue to work closely with Nikki in her role in the Dean's office, in Graduate Education (to help with programmatic updates, below)

Curriculum: QCB journal club (CHEM C689) has moved to Spring 2022. Giedroc is course coordinator; ***looking for at least two volunteers.***

SC Action: QCB Journal Club: We'll implement a new format with a senior trainee(s) leading at least one section of this student seminar course.

No other changes in course curriculum: Two required courses C680 (Giedroc) and C681 (VanNieuwenhze) are now Fall courses, with a long list of electives (3 cr total) that satisfy the requirements for a minor in Chemical and Physical Biology (CPB).

Changes in training faculty: None

Action: SC accepts nominations (self- or otherwise) for membership on the training faculty. Please provide a complete CV and a statement of purpose.

- 4) Trainee update. We had sufficient funding to make four two-year appointments: Averil McFarland (Winkler, microbiology), Jordan Winn (Walczak, biology GCDB), Morgan Nyman (Dann, biochemistry), Max Osterberg (Giedroc, chemistry). We received a total of 12 applications (Biology: 2; Biochemistry: 4; Chemistry: 5; CMCB: 1; Physics and Neuroscience: 0) from 11 second-year students and 1 third-year student.

Three trainees were re-appointed to their second year of support: Emily Erdmann (Hundley), Brigham Pope (Jacobson) and Ria Kidner (Gerdt). Jessie Gudorf (VanNieuwenhze) was supported for nine months in to fill a slot left open with the Liam Scott (Dragnea) departure with an M.S.

We have now supported **35 trainees** from year 1 GM109825 and matching support (July 1, 2014-present). Twelve trainees have now graduated (three this past AY: Selivanovitch, Walsh, Strittmatter) and two left the program, for 21 current trainees in the cohort (12 chemistry, 3 biochemistry, 5 biology, 1 physics). 24 of 35 trainers have hosted trainees over this same period.

- 5) QCB ambassadors CY2021: Abigail Garrett (Winkler), Jessie Gudorf (VanNieuwenhze). Thanks to them and thanks to CY2020 ambassadors Rachel Fadler (Flood) and Liam Scott (Dragnea).

SC Action: QCB Ambassador terms will move to coincide with the academic (trainee) year (July 1-June 30). Jessie and Abigail have agreed to stay on through June 30, 2022.

- 6) QCB program events: QCB Evenings continue (9/27) and December 6, with Spring dates TBA. Student-invited seminar series (cohort): 10/27/21 (last week) George O'Toole, Dartmouth Medical School

The 2021 Watanabe Symposium has been postponed again, to October 2022.

- 7) Programmatic updates, initiated with a meeting with trainees in August 2021.

SC Action: The following updates have been approved

- a) Off-campus internship broadly defined (8-12 weeks). *Objective:* to better prepare students for a wide diversity of careers. Logistics, timing currently under discussion.

Discussion: Several trainers proposed that internships should be optional, not mandatory, in order to accommodate those students who will not wish to interrupt their research for an internship. An internship program will add favorably to our upcoming renewal.

Action: The SC will develop a detailed plan to implement an internship program consistent with the expectations of both trainers and trainees, effective Spring-Summer 2023.

- b) Annual retreat, to be held in early in the academic year (July/August), prior to the start of classes. *Objective:* Integrate new trainees into the cohort, by exposing them all the research opportunities. Format under discussion, but we'll likely a mix of short talks and elevator-style presentations by current trainees. Funding?

Action: The SC will implement a retreat plan effective July-August 2022.

- c) Rigor, reproducibility and responsibility (3Rs), distinct from that of ethics training (RCR); focused on the NIH mission to increase transparency. Early stages of development, how to implement, may not be a one size fits all (across feeder graduate programs). Suggestions welcome.

Action: NIDA training program is interested in accessing or contributing content to such a course. The SC hopes to draw on Prof. Pohl and the College to develop a plan for creating and implementing such a course for trainees, perhaps open to students across the QCB feeder graduate programs as needed.

- 8) Acknowledgment of training grant support on publications is critically important!!: Please cite T32 GM131944 for papers co-authored by student trainees supported only after July 1, 2019; for those with prior support, acknowledge the old grant number GM109825; for those trainees that cross from year 5 into new year 1, please acknowledge both grant awards. Please do this for *all trainees irrespective of whether the work was done during the actual period of support!*
- 9) Other business: None