**AGENDA**

**CMBP trainee orientation meeting**

**Aug 21, 2020**

1.  **Introductions** all around

2. **Photos** of new trainees (request) and group zoom photo

3. Required **monthly meetings** will start again in Sept on Tuesdays at noon-1 via zoom  
  
**CMBP Monthly Meetings Fall 2020**

**Tues Sept 15**

12:00-1 PM **Faculty Trainers:** Amanda Panfil and Li-Chun Tu

**Tues Oct 20**

12:00-1 PM **Faculty Trainers:** Michael Kearse and Matt Sullivan

**Tues Nov 24**

12:00-1 PM **Trainees:** Nathanial Burge (Poirier) and Brandon Neel (Sotomayor)

**Tues Dec 15**

11:00-1 PM **Ethics Refresher Training** (required for Trainees and some Faculty, TBA)

**Our goal for Trainee talks:** We normally start these in Y3. Please aim for a 20-min talk. We want your talk to be aimed at a general science audience with good communication of your science to a broad audience not in your specialty area. Work with your PI for first draft and then with a CMBP faculty member *outside your area* to make sure you are communicating effectively to a non-specialist. Let us know if you need a suggestion for who to work with.

4. Please mark your calendar for our all-day **annual symposium**, which will be **May 4, 5, or 6, TBA.**

* + Joint with RNA Center
  + We will check with last year’s speakers to see if they can make this new date (either in person or virtual). If not, a new speaker needs to be nominated and invited in September

Speakers we had lined up for the cancelled 2020 symposium:

* *Dr. Anita Corbett*, Emory University, faculty invited and hosted by the CMBP Trainees
* *Dr. Wendy Gilbert,* Yale University, hosted by the RNA Center Fellows
* *Dr. J. Robert Hogg,* NIH-Bethesda, hosted by the CMBP Trainees

We need to decide who will be the CMBP trainee in charge of coordinating efforts (speaker nomination and invitation (*if needed*); hosting duties, journal clubs, etc). *Volunteer?*

**5. IDPs (Individual development plans)—**required for all trainees (see last page for more info). You are required to complete and discuss with your PI anytime but for sure shortly after passing general candidacy exams at start of Y3.

**6. Course Requirements (see CMBP web site:** <https://cmbp.osu.edu/cmbp_course>)

**Responsible Conduct of Research and Rigor and Reproducibility:** First year course7600 plus refresher each year (2 h)

**Quantitative:** 1 semester course; many possibilities including:

Phys 6809 Topics in Biophysics  
Phys 6810 Topics in Computational Physics  
Mol Gen 5650 Analysis and Interpretation of Biological Data  
BMI 5730 Introduction to Bioinformatics  
BMI 5750 Methods in Biomedical Informatics  
Micro 5161 Bioinformatics and Molecular Microbiology  
STAT 5301 Intermediate Data Analysis  
ANIMSCI 7000 Applied Biometrics  
BIOCHEM 6765.01 Advanced Biochemistry: Physical Biochemistry

**Scientific Writing Course (Spring semester; required for students in 2nd year)**

Chem 6790: 2 credit, meets twice a week; focuses on all aspects of scientific writing; instructors: Karin and Susan Lang, Professor and Director of the OSU writing center.

**7. Internships:** Optional but encouraged; To date, we have partnered with:

Preparing Future Faculty

Industry-various opportunities

OSU Tech Commercialization Office

**8. Annual Progress Report** due at NIH Nov 15 so we will ask you for updates on research progress and other things by about Oct 15.

**9.** **Three Surveys** to help us evaluate and assess the effectiveness of the training program (new!)

**1- Survey questions for first year students** to assess their expectations of graduate school in general and CMBP in particular *(we will email you this survey soon)*

**2- Survey questions for trainees following submission of their annual progress report**. *This will be administered to 2nd and 4th year trainees in the fall by an independent University office and answers will be anonymous and relayed to us by this office)*

**3- Survey questions for graduating students** to assess whether expectations of graduate school in general and CMBP in particular were met, and their assessment of the program in general. *(this will be administered by an independent University office and answers will be anonymous and relayed to us by this office)*

**10. Questions/suggestions/discussion?**

**Individual Development Plans (IDPs)**

# <http://www.nigms.nih.gov/Training/StrategicPlanImplementationBlueprint/Pages/IndividualDevelopmentPlans.aspx>

At its best, research training is an intentional and purposeful activity that is the product of a thoughtful analysis of the background, interests and needs of each student and postdoctoral trainee. This includes developing a mentoring plan that assesses the needs and goals of each student and postdoc, describes short- and long-term career objectives, and identifies professional development activities needed to reach them. The individual development plan (IDP) is a tool to help in this planning process and also to facilitate communication between mentees and mentors. An IDP should be viewed as a dynamic document that is periodically reviewed and updated throughout an individual’s training. IDPs are of proven value at any stage, from the undergraduate to the postdoctoral level.

The concepts of mentoring plans and IDPs are not new, but recognition of their role and effectiveness in research training is fairly recent. The Federation of American Societies for Experimental Biology (FASEB) and the National Postdoctoral Association have been early proponents of the use of IDPs for postdoctoral career planning. Excellent examples of IDPs can be found on the Web sites of these organizations:

American Association for the Advancement of Science/Science Careers (site we recommend)

* myIDP: [http://myidp.sciencecareers.org](http://myidp.sciencecareers.org/)

FASEB

* Individual Development Plan:
* http://www.faseb.org/Professional-Development-and-Diversity-Resources/Professional-Development-and-Career-Resources/My-Individual-Development-Plan--myIDP-.aspx[](http://www.faseb.org/Policy-and-Government-Affairs/Science-Policy-Issues/Training-and-Career-Opportunities-for-Scientists/Individual-Development-Plan.aspx)

National Postdoctoral Association

* Career Planning Resources: <http://www.nationalpostdoc.org/page/GradStudentChoose>
* [](http://www.nationalpostdoc.org/careers/career-planning-resources)
* Resources for Postdoctoral Scholars: http://www.nationalpostdoc.org/?CoreCompetencies