



**Trainee Bootcamp
Drosophila Research Conference**

Wednesday March 4, 2015

**Sheraton Chicago Hotel and Towers, Ohio Room
Chicago, Illinois**

AGENDA

10:30-10:45	Introduction	
10:45-12:00	Finding Funding Useful Resources	Joyce Fernandes Former NSF Program Officer Email Bio
12:00-1:45	Getting Published Useful Resources	
12:00 – 12:30	Identifying the Appropriate Journal; Pre-submission; Working with Editors	Tracey DePellegrin Executive Editor, <i>GENETICS</i> & <i>G3</i> Email Bio
12:30 – 12:45	The Peer-Review Process	Mariana Wolfner Associate Editor, <i>GENETICS</i> Email Bio
12:45 – 1:15	Responding to Reviewers and Next Steps	Tracey DePellegrin Executive Editor, <i>GENETICS</i> & <i>G3</i> Email Bio
1:15 – 1:30	Becoming a Reviewer: Tips and Best Practices	Lynn Cooley Editor, <i>GENETICS</i> Email Bio
1:45-2:00	Break	

2:00-3:00 Navigating Academia

[Useful Resources](#)

Organizer & moderator: Lauren Tyra, Graduate Student
University of Texas Southwestern Medical Center

Panelists: **Lynn Cooley**, Professor
Yale School of Medicine
[Email](#) [Bio](#)

Christopher Jones, Associate Professor
Moravian College
[Email](#) [Bio](#)

Lauren Buttitta, Assistant Professor
University of Michigan
[Email](#) [Bio](#)

3:00-4:00 Beyond Traditional Academia

[Useful Resources](#)

Organizer & moderator: Lauren Tyra, Graduate Student
University of Texas Southwestern Medical Center

Panelists: **Anne Marie Murphy**, Executive Director
Metropolitan Chicago Breast Cancer Task Force
[Email](#) [Bio](#)

Bryn Gaertner, Associate Medical Writer
Prescott Medical Communications Group
[Email](#) [Bio](#)

Rui Zhong, Senior Research Statistician
AbbVie
[Email](#) [Bio](#)

Tom Hartl, Scientist
Perlstein Lab
[Email](#) [Bio](#)

USEFUL RESOURCES

Finding Funding

INTERNATIONAL FUNDING SOURCES (i.e., for research outside the US or non-US citizens)

European Research Council (ERC) <http://erc.europa.eu/funding-schemes>

ERC grants support individual, independent researchers of any nationality and age. The ERC encourages in particular proposals that cross disciplinary boundaries, pioneering ideas that address new and emerging fields and applications that introduce unconventional, innovative approaches.

EMBO Fellowships <http://www.embo.org/funding-awards/fellowships>

Short-Term Fellowships fund research visits of up to three months to laboratories in Europe and elsewhere in the world; Long-term Fellowships promote international exchange and support post-doctoral research visits of up to two years to laboratories throughout Europe and the world.

Human Frontier Science Program (HFSP) <http://www.hfsp.org/funding>

HFSP postdoctoral fellowships encourage early career scientists to broaden their research skills by moving into new areas of study while working in a new country. The Career Development Award (CDA) funds HFSP fellows who return to their home country or move to an HFSP member country to establish their independent laboratory.

German Academic Exchange Service (DAAD) <https://www.daad.de/deutschland/en/>

Several funding opportunities for foreigners wishing to do research in Germany and for Germans wishing to do research abroad.

Deutsche Forschungsgemeinschaft (DFG; German Research Foundation)

http://www.dfg.de/en/research_funding/programmes/index.jsp

Several funding programmes and prizes for researchers at varying stages.

Alexander von Humboldt Foundation

<http://www.humboldt-foundation.de/web/programmes-by-target-group.html>

Postdocs, early-career researchers, PIs; varying lengths/amounts for research or collaboration in Germany.

Boehringer-Ingelheim Fonds <http://www.bifonds.de/fellowships-grants/our-programmes.html>

PhD fellowships and travel grants for training for Europeans to work anywhere, or for non-Europeans to work in Europe.

European Commission funding opportunities

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/index.html>

Beginner's Guide to EU Funding (free download)

<http://bookshop.europa.eu/en/beginners-guide-to-eu-funding-pbKV3111332/>

Marie Curie Fellowships

http://ec.europa.eu/research/mariecurieactions/about-msca/quick-guide/index_en.htm

PhD and postdoctoral, both European and global

U.S. government internship and fellowship opportunities

<https://www.science.gov/internships/graduate.html>

Graduate students and postdoctoral fellows; N.B. some may be only for US citizens.

National Science and Engineering Research Council of Canada (NSERC)

http://www.nserc-crsng.gc.ca/Students-Etudiants/index_eng.asp

NSERC offers scholarships and fellowships for every stage of study, from undergraduate to postdoctoral.

Canadian Institutes of Health Research (CIHR)

<http://www.cihr-irsc.gc.ca/e/37788.html>

US FUNDING SOURCES

National Science Foundation, Find Funding <http://www.nsf.gov/funding/>

National Institutes of Health Grants Process [Video](#)

National Institutes of Health, Office of Extramural Research

http://grants.nih.gov/grants/funding/funding_program.htm#RSeries

National Institute of General Medical Sciences, Research Funding

<http://search.nigms.nih.gov/funding/funding.asp?tab=Research>

Howard Hughes Medical Institute, Early Career Scientist Program

<http://www.hhmi.org/programs/biomedical-research/early-career-scientist-program>

Burroughs Wellcome Fund <http://www.bwfund.org/programs-offered>

Foundations for research in the life sciences <http://www.sfn.org/Awards-and-Funding/Global-Funding-Sources/United-States-and-Canada>

Getting Published

COPE (Committee on Publication Ethics) <http://publicationethics.org/>

ICMJE (Int'l Committee of Med. Journal Editors) <http://www.icmje.org/>

NIH Public Access Policy <http://publicaccess.nih.gov/>

Wellcome Trust Public Access Policy <http://www.wellcome.ac.uk/About-us/Policy/Spotlight-issues/Open-access/index.htm>

Writing instruction https://www.training.nih.gov/writing_courses

Peer Review Process http://www.senseaboutscience.org/data/files/resources/99/Peer-review_The-nuts-and-bolts.pdf

Navigating Academia

Individual Development Plan http://www.ashg.org/education/grad_idp.shtml

CV and Cover Letter Tips

1) http://sciencecareers.sciencemag.org/tools_tips/how_to_series/how_to_craft_a_winning_resume

2) http://www.ashg.org/education/grad_resume.shtml#S2

Career Listings <http://geneticcareers.org>

Beyond Traditional Academia

<http://www.nyu.edu/as/ksw/workshops.html> - Communication Workshop by The Kavli Foundation and the offices of the NYU Dean for Science and NYU's Senior Vice-Provost for Research

<http://sciencecareers.sciencemag.org> - Extensive topics related to science career development and planning

<http://casw.org/casw/guide-careers-science-writing> - Counsel for the Advancement of Science Writing

http://www.genetics-gsa.org/careers/career_series.shtml - Career Series: Interviews featuring professionals outside of academia

PRESENTER AND PANELIST BIOS

Getting funded

Joyce Fernandes, PhD
Miami University of Ohio

Dr Joyce Fernandes recently completed a 2 year assignment at the National Science Foundation, in the Division of Biological Infrastructure, where she managed programs in Instrument Development for Biological Research (IDBR) and Major Research Instrumentation (MRI). She is a faculty member in the Biology Department at Miami University in Oxford, Ohio, where she teaches courses in Cell Biology, Developmental Biology and Neurobiology. Her research interests are in the area of motor system remodeling in the fruit-fly, *Drosophila melanogaster*. She is affiliated with Education Committees of the Genetics Society of America, and the American Society for Cell Biology, and serves as Biology Councilor for the Council on Undergraduate Research.

Faculty Page: <http://miamioh.edu/cas/academics/departments/biology/about/faculty/fernandes/index.html>
Email: joyce.fernandes@miamioh.edu

Getting published

Tracey DePellegrin, PhD
GENETICS and G3

Tracey DePellegrin is Executive Editor for the Genetics Society of America Journals GENETICS, and G3: Genes|Genomes|Genetics. She is also Editor-in-Chief of Science Editor, the journal of the Council of Science Editors (CSE). She serves on the publications committee of BioScience, published by AIBS, the Communications Committee of the Society for Scholarly Publishing, as well as the CSE Program and Editorial Policy Committees. She has been an adjunct faculty member of the Department of English at Carnegie Mellon University (CMU), has held positions as a human factors researcher and information analyst for CMU Library Information Technology, and various other roles as a managing editor, journalist, science writer, and copyeditor.

Professional Sites: <http://www.genetics-gsa.org/publications/GENETICS.shtml>; <http://www.genetics-gsa.org/publications/G3.shtml>
Email: tracey.depellegrin@thegsajournals.org

Mariana Wolfner, PhD
GENETICS, Cornell University

Mariana Wolfner is the Goldwin Smith Professor of Molecular Biology and Genetics at Cornell University. She and her lab study the genetics, function and evolution of reproductive proteins, primarily in *Drosophila*. Specifically, they study how seminal proteins modulate female physiology and behavior, and they study the molecules that mediate the transition from egg to embryo. She received her PhD in Biochemistry from Stanford University and completed postdoctoral work at the University of California, San Diego, before returning to Cornell, her undergraduate alma mater, as a faculty member. Mariana is an Associate Editor of GENETICS, and is on the editorial boards of several other journals. She has been active on the Board of the Genetics Society of America, the *Drosophila* Board, AAAS, as an organizer of several conferences, as a grants-reviewer, and as a mentor to students, postdocs and junior faculty.

Faculty Page: <https://mbg.cornell.edu/people/mariana-wolfner>

Email: mariana.wolfner@cornell.edu

Lynn Cooley, PhD
GENETICS, Yale School of Medicine

SEE BIO IN “Navigating academia”

Navigating academia

Lynn Cooley, PhD
Yale School of Medicine

Lynn Cooley is the C. N. H. Long Professor of Genetics and the Dean of the Graduate School of Arts and Sciences at Yale University. Her lab studies oogenesis in *Drosophila*, specifically exploring intercellular communication through ring canals, regulation of cytoskeletal organization and effects of food availability on egg chamber development. Lynn received her PhD from University of Texas and completed postdoctoral training at the Carnegie Institution of Science before accepting a faculty position at Yale. She is a AAAS Fellow and a Pew Scholar. Lynn is an active member of GSA, currently serving on the Board of Directors. In addition, she is an Associate Editor for the GSA journal GENETICS and a co-Editor-in-Chief of FlyBook .

Faculty Page: http://medicine.yale.edu/bbs/people/lynn_cooley.profile

Lab Website: <http://cooley.medicine.yale.edu/>

Email: lynn.Cooley@yale.edu

Christopher Jones, PhD **Moravian College**

Dr. Jones is an Associate Professor in the Department of Biological Sciences at Moravian College. As one of America's oldest colleges, Moravian is primarily focused on outstanding undergraduate education in liberal arts and sciences. Dr. Jones splits his time between continuing this tradition of academic excellence through teaching and doing research. His lab is focused on understanding the genetic aspects of learning and memory in *Drosophila*.

Faculty Page: <http://home.moravian.edu/users/bio/mecjj01/>

Lab Website: <http://home.moravian.edu/users/bio/mecjj01/cjwebsite/lab.html>

Email: jonesc@moravian.edu

Laura Buttitta, PhD **University of Michigan**

Dr. Buttitta is an Assistant Professor in the Department of Molecular, Cellular, and Developmental Biology at the University of Michigan. She received her faculty appointment in 2011 after a postdoctoral fellowship in the lab of Dr. Bruce Edgar at the Fred Hutchinson Cancer Research Center. Dr. Buttitta's lab is studying how the cell cycle is shut off in quiescent cells using *Drosophila* as a model system.

Faculty Page: http://www.lsa.umich.edu/mcdb/people/ci.buttittalaura_ci.detail

Lab Website: <http://sites.lsa.umich.edu/buttitta-lab/>

Email: buttitta@umich.edu

Beyond Traditional Academia

Anne Marie Murphy, PhD **Executive Director at Metropolitan Chicago Breast Cancer Task Force**

Anne Marie Murphy is the executive director of the Metropolitan Chicago Breast Cancer Task Force, an organization dedicated to fighting racial and ethnic disparities in healthcare outcomes. After completing her PhD at Johns Hopkins, she moved into the realm of healthcare policy, which includes previous experience serving as the Senior Health and Welfare Policy Advisor for Senator Richard J. Durbin and Health and Education staffer to Senators Edward Kennedy and Paul Simon, serving as the Illinois Medicaid Director, and the Director of Health Programs for the Illinois Governor.

Professional Site: http://www.chicagobreastcancer.org/site/epage/100701_904.htm

Email: AnneMarie_Murphy@rush.edu

Bryn Gaertner, PhD

Associate Medical Writer at Prescott Medical Communications Group

Bryn Gaertner is an associate medical writer at Prescott Medical Communications group. After graduating with her PhD from the university of Oregon, she did two brief postdocs at North Carolina State and Northwestern University before joining the team at Prescott in Chicago.

Professional Site: <http://www.prescottmed.com/>

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Rui Zhong, PhD

Senior Research Statistician at AbbVie

Rui Zhong is a Senior Research Statistician at AbbVie. After completing his PhD at UT Southwestern Medical Center, he did a brief internship at Genentech before joining AbbVie in Chicago.

Professional Site: <http://www.abbvie.com/>

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Tom Hartl, PhD

Scientist at Perlstein Lab

Tom Hartl is the resident Drosophilist at Perlstein Lab where he is engaged in using genetics and cell biology to find cures for rare diseases. Before working at this biotech startup, Tom completed his PhD at Arizona State University and a postdoc at Stanford University.

Professional Site: <http://plab.co/team/>

Email: tom@perlsteinlab.com