



Trainee Bootcamp
20th International C. elegans Meeting

Wednesday, June 24, 2015

University of California, Los Angeles, South Bay Room, Sunset Village
Los Angeles, California

AGENDA

10:30-10:45 Introduction

10:45-12:00 Getting Published

[Useful Resources](#)

Panelists: **Tracey DePellegrin**, Executive Editor
GENETICS & G3
[Email](#) [Bio](#)

Mark Johnston, Professor & Department Chair
University of Colorado School of Medicine
[Email](#) [Bio](#)

12:00-1:45 Finding Funding

[Useful Resources](#)

Panelists: **Adam Fagen**, Executive Director
GSA
[Email](#) [Bio](#)

Elissa Hallem, Assistant Professor
UCLA Department of Microbiology, Immunology, and Molecular Genetics
[Email](#) [Bio](#)

1:45-2:00 Break

2:00-3:00 Navigating Academia

[Useful Resources](#)

Organizer & moderator: Matthew Josephson, Graduate Student
University of Kansas

Panelists: **Jamie Alan**, Assistant Professor of Pharmacology
Central Michigan University College of Medicine
[Email](#) [Bio](#)

Rene Garcia, Associate Professor of Biology
Texas A&M University
[Email](#) [Bio](#)

Jennifer Powell, Assistant Professor, Biology
Gettysburg College
[Email](#) [Bio](#)

3:00-4:00 Outside Academia

[Useful Resources](#)

Organizer & moderator: Matthew Josephson, Graduate Student
University of Kansas

Panelists: **Vince Funari**, Director, Genomics Core, Biomedical Sciences
Cedars-Sinai Medical Center
[Email](#) [Bio](#)

Toni Lee, Research Scientist & 2013-2014 CCST Policy Fellow
California Science and Technology Policy Fellowships
[Email](#) [Bio](#)

Nicola Solomon, Senior Scientific Writer
City of Hope
[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-and-grants/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 programs 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

<https://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://ec.europa.eu/budget/news/article_en.cfm?id=201503051134

Marie Curie Fellowships

<http://ec.europa.eu/research/mariecurieactions/>

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/PG-CS/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

AAAS Science and Technology Policy Fellowships <http://www.aaas.org/program/science-technology-policy-fellowships>

Christine Mirzayan Science and Technology Policy Fellowships <http://sites.nationalacademies.org/pga/policyfellowships/>

California Council on Science and Technology Policy Fellowships <http://fellows.ccst.us/>

Career Listings <http://geneticcareers.org>

Biocuration Job Listings <http://www.biocurator.org/jobs.shtml>

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Career Options for PhDs <http://www.nationalpostdoc.org/careers/career-planning-resources/143-an-overview-of-career-options-for-phds>

Resources for after Postdoc https://www.training.nih.gov/career_services/postdoctoral_fellows

Career Hub for Postgraduate Life Sciences <http://biocareers.com/>

Individual Development Plan <http://myidp.sciencecareers.org/>

Topics in career development and planning <http://sciencecareers.sciencemag.org>

Career Series http://www.genetics-gsa.org/careers/career_series.shtml

Interviews featuring professionals outside of academia

GenomeWeb career blog <https://www.genomeweb.com/careers>

Communication Workshop <http://www.nyu.edu/as/ksw/workshops.html>

Offered by The Kavli Foundation and the offices of the NYU Dean for Science and NYU's Senior Vice-Provost for Research

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

Association for Women in Science (AWIS), Leadership and Talent Development

<http://www.awis.org/?LeadershipTalent>

Coalition for Education and Outreach, Berkeley

<http://scienceatcal.berkeley.edu/coalition-for-education-and-outreach/>

PRESENTER AND PANELIST BIOS

Jamie K. Alan, RPh, PharmD, PhD
Central Michigan University

Jamie Alan is an Assistant Professor of Pharmacology in the Foundational Sciences Discipline in the College of Medicine at Central Michigan University. She received her PharmD from Ohio Northern University in 2005 and has been a licensed and practicing pharmacist for 8 years. Jamie received her PhD in Pharmacology from the University of North Carolina at Chapel Hill in 2010, and completed her postdoctoral fellowship at the University of Kansas, where she studied the role of atypical Rho proteins in neuronal migration in *C. elegans*.

Faculty Page:

https://www.cmich.edu/colleges/cmed/faculty_staff/Pages/Faculty%20Profiles/Jamie%20Alan.aspx

Email: jamie.alan@cmich.edu

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.geneticsgsa.org/publications/G3.shtml>

Email: tracey.depellegrin@thegsajournals.org

Adam Fagen, PhD
Genetics Society of America

Adam Fagen has served as Executive Director of the Genetics Society of America since 2011. He was previously Director of Public Affairs at the American Society of Plant Biologists and Senior Program Officer at the National Research Council. He conducted research on molecular evolutionary genetics before earning his PhD in molecular biology and education from Harvard University. While in graduate school, he also served as co-director of the National Doctoral Program Survey. Relevant to the bootcamp, Adam served on grant review panels for both NIH and NSF within the past year.

Professional Site: <http://www.genetics-gsa.org/>

Email: afagen@genetics-gsa.org

Vince Funari, PhD
Cedars-Sinai Genomics Core

Vince Funari is the Director of the Genomics Core at Cedars-Sinai Medical Center in Los Angeles, California—a position he has held for the past six years. His lab specializes in bioinformatic analysis of NGS data for microbiome profiling, RNA expression profiling, and exome analysis. He is also an Assistant Professor in Genomics Research with the UCLA Health System. Vince earned his PhD from Boston University and completed a postdoctoral fellowship at Stanford University.

Professional site: <http://www.cedars-sinai.edu/Research/Faculty-Directory/Bios/Vincent-Funari-PhD.aspx>
Email: FunariV@cshs.org

L. Rene Garcia, PhD
Texas A&M University

Rene Garcia joined the Department of Biology at Texas A&M University in 2002, where he is an Associate Professor. His lab focuses on understanding how simple neural-muscular circuits are assembled, and how behavioral outputs of those circuits are controlled by the external environment and the physiological state of the organism. Rene completed a PhD in Microbiology at the University of Texas at Austin, and researched behavioral and developmental genetics during his postdoctoral fellowship at the California Institute of Technology.

Professional site: <http://www.bio.tamu.edu/USERS/Garcia/index.html>
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Elissa Hallem, PhD
UCLA Department of Microbiology, Immunology, and Molecular Genetics

Elissa Hallem received her BA in Biology and Chemistry from Williams College, and her PhD in Neuroscience from Yale University. She is now an Assistant Professor at UCLA in the Department of Microbiology, Immunology, and Molecular Genetics, and runs a lab studying neurobiology of host-seeking behavior in parasitic nematodes.

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Mark Johnston, PhD
University of Colorado School of Medicine, Molecular Biology Program & Editor in Chief, GENETICS

Mark Johnston received his PhD in molecular biology from the University of California, Berkeley, and did postdoctoral training in the Biochemistry Department at Stanford University. He was on the faculty of the Department of Genetics at Washington University in St. Louis for twenty-five years, and he became the Chair of the Department of Biochemistry and Molecular Genetics at the University of Colorado School of Medicine in 2009. A Past President of the Genetics Society of America (GSA), Johnston is Editor-in-Chief of *GENETICS* (a peer-edited journal of the GSA). He is the author of more than 100 papers and articles, and a co-author of *Genetic Twists of Fate*, a popular science book published September 2010 by MIT Press.

Faculty Page: www.ucdenver.edu/academics/
Professional Site: www.genetics-gsa.org/publications/GENETICS
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Toni Lee, PhD
California Science and Technology Policy Fellowships & Provivi

Toni served on the Senate Natural Resources and Water Committee as a fellow with the California Science and Technology (CCST) Policy Fellowship program. She received her PhD in Biochemistry and Molecular Biophysics from the California Institute of Technology, where she studied computational protein engineering applied to sustainable biofuel production. She completed her undergraduate education at the University of California, Los Angeles, receiving a BS/MS in Biochemistry and a BS in Anthropology. Toni is currently a Research Scientist at Provivi, an environmental biotechnology company in Southern California.

Professional site: <http://fellows.ccst.us/2013.php>
Email: acetonile@gmail.com

Jennifer Powell, PhD
Gettysburg College

Jennifer Powell is an Assistant Professor of Biology at Gettysburg College, where runs a lab for undergraduate students that focuses on researching the innate immune system in *C. elegans*. She received her PhD from the University of California, Berkeley in 2003.

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Nicola Solomon, PhD
City of Hope

Currently serving as a Senior Scientific Writer with City of Hope, a national cancer institute in Southern California, Nicola Solomon has had extensive experience in the biomedical field as a researcher and author. Previously, she worked as a Research Associate at the Will Rogers Institute Pulmonary Research Center in Los Angeles. She has a PhD in molecular genetics from Melbourne University, and conducted biomedical research in molecular biology and genetics during her postdoctoral research fellowship at the University of Michigan.

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