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## Career Development Events:

### Office of Postdoctoral Affairs

- **First Annual Columbia University Postdoc Research and Career Symposium – Event this Wednesday!**

The Columbia University Office of Postdoctoral Affairs is sponsoring the first annual Columbia University Postdoc Research and Career Symposium to be held **this Wednesday, September 17<sup>th</sup> 2014**. The event will feature a postdoc research poster session, data science career panel, and a networking and awards reception.

#### Postdoc Research Poster Session:

The poster session is intended for Columbia University Postdocs to share their research with their peers and faculty at Columbia University with the ultimate goal of fostering interdisciplinary collaborations. Top poster awards, including a laptop, tablet, and iPad will be announced during the networking and awards ceremony. Posters will be judged by a judging committee consisting of postdocs and faculty. If you are interested in serving as a judge on the judging committee, please send an email to [postdocaffairs@columbia.edu](mailto:postdocaffairs@columbia.edu) with the email heading of 'Judging Committee' by September 10<sup>th</sup>, 2014 and further information will be sent to you about the expectations for the judges on the judging committee.

#### Data Science Career Panel

The data Science Career panel is intended for Columbia University Postdocs to learn about how data science can be used to answer a wide-range of critical questions, what a data science career entails, and potential career opportunities in Data Science, as well to hear the career stories of four data scientists with ties to Columbia University. The data science career panel will feature four panelists:

Dr. Melinda Han, Data Scientist at Dstillery (<http://dstillery.com/>)

Dr. Kenny Shirley, Researcher at AT&T labs (<http://www2.research.att.com/~kshirley/contact.html>)

Dr. Kiril Tsemekhman, Senior Vice President and Chief Data Officer at Integral Ad Science (<http://integralads.com/about-integral/management-team>)

Dr. Kathy Copic, Program Director for Growth at insight data science (<http://insightdatascience.com/>)

#### Networking and Awards Reception

The networking and awards reception will offer the opportunity for postdocs across Columbia University to network with faculty, their peers, as well as the data science career panelists. The top poster award winners will be announced during the reception. The event will feature a selection of wines, hor d'oeuvres, as well as other beverages.

Date: Wednesday, September 17<sup>th</sup> 2014

Location: Poster Session and Reception: Hammer Health Sciences Building (4<sup>th</sup> floor) River View Lounge, Data Science Career Panel: Hammer Health Sciences Building, Room 401

Time: Poster Session: 3:00-5:00 PM, Data Science Career Panel: 5:00-6:30 PM, Networking and Awards Reception: 6:30-8:30 PM

Event Flyer: [PD research and career symposium](#)

Full event details can be found at: <http://postdocs.columbia.edu/>

- **SciPhD half-day workshop: Preparing for a job in Industry**

This half-day workshop will address the following:

- Define differences between academic science and the "Business of Science"
- Career opportunities: Kinds of companies and kinds of jobs available for PhDs
- Three critical identities that industry values and requires: Scientific/Technical, Business, and Social
- Building and marketing your personal brand based on your three identities
- Building and leveraging your network
- How to research a job, and the company to develop a targeted resume that shows how your brand is a good fit
- Preparing for interviews using your accomplishments that support your targeted resume
- Access to SciPhD online training program and self-assessment instrument
- Small Group Coaching sessions on communications and resume and interview prep.

\*\*\*\*\*Please note that registration for this amazing event will close on Thursday at 5 PM\*\*\*\*\*

Date: Saturday, September 20<sup>th</sup>

Time: 11am—4pm

Location: Hammer Building, room LL204

Registration: <https://calendar.columbia.edu/sundial/webapi/register.php?eventID=73615>

- **Postdoc Career Counseling Sessions and Workshops**

We are pleased to announce that Ruth Longobardi will be offering individual career counseling sessions this fall. To sign up for an appointment, please visit: <http://postdocs.columbia.edu/careerdevelopment.html#opa> and download the 'attached request form' under the 'Career Counseling Service' section. You will need to submit this form to Ruth Longobardi ([rss30@columbia.edu](mailto:rss30@columbia.edu)) in order to sign up for an appointment.

Counseling sessions will take place Mondays, 11 a.m. - 2 p.m. and Wednesdays, 1:30 p.m. - 3:30 p.m. More information about individual counseling is listed below. There are still several hours available for September sessions.

**Please Note: Beginning in October, sign up priority for career counseling sessions will be given to postdocs who have attended a fall workshop led by Ruth Longobardi!**

Ruth will be leading four small group workshops this fall: ***LinkedIn 101: Building Your Professional Community*** (September 29<sup>th</sup>), and ***The Extraordinary Job Candidate Workshop Series***. This series will include: ***The Extraordinary CV and Resume: From Academia to Opportunities Beyond*** (October 15<sup>th</sup>), ***The Extraordinary Cover Letter: From Academia to Opportunities Beyond*** (October 22<sup>nd</sup>), ***The Extraordinary Interview*** (November 14<sup>th</sup>). All four workshops will be limited to 20 attendees.

**LinkedIn 101: Building Your Professional Community**

LinkedIn is a professional networking site that provides users with unique access to a broad range of professionals as well as vital information about careers and job opportunities. This hands-on workshop will take place in the Hammer computer lab. Attendees will learn: 1) how to create a powerful professional profile; 2) how to effectively use LinkedIn tools and features; 3) how to begin to build a professional community outside

academia; and 4) how to maximize career exploration opportunities. Attendees will have opportunity to share their LinkedIn profiles and to receive feedback and advice in a small group setting.

Room: LL203, Hammer Building

Date: Monday, September 29<sup>th</sup>

Time: 5 -6 p.m.

*\*\* Limited to: 20 attendees*

Registration: <https://calendar.columbia.edu/sundial/webapi/register.php?eventID=73573>

- **ELabNYC Info Session and Columbia ELab Alum Panel Discussion**

ELabNYC [www.elabnyc.com](http://www.elabnyc.com) is starting its third application cycle, deadline NOVEMBER 3, 2015.

ELabNYC is a competitive entry 7.5-month networking and education program for entrepreneurs in New York City's life sciences and healthcare technology community. ELabNYC provides extensive support to graduate students of science, post-docs, researchers and engineers interested in forming new life science ventures with intellectual property.

Launched by the Bloomberg Administration and New York City Economic Development Corporation, and led by a team of experienced entrepreneurs, the Lab is designed to:

- o Provide practical business concepts to refine your business plan and introduce you to prospective partners and funders
- o Teach start up business concepts to entrepreneurs, including concepts that are fundamental to the life sciences and healthcare industries
- o Connect the NYC life science entrepreneur eco system
- o Build a local platform for the next generation of life sciences and healthcare technology entrepreneurs in NYC thru an ELab alum program

ELabNYC program Manager Mary Howard will introduce the program and join Columbia ELab Alums, Scott Trocchia and David Tsay who will share their ELab experience and answer questions from the audience.

Date: Tuesday, September 30<sup>th</sup>

Time: 12-1pm

Location: Hammer Building, room LL109A/B

Registration: <https://calendar.columbia.edu/sundial/webapi/register.php?eventID=73571>

## Columbia Technology Ventures

- o **Patents101 – Morningside – Note date change**

As the Columbia technology transfer experience demonstrates, patents can provide a successful vehicle for generating research funding for university inventions. Unfortunately, many seemingly harmless events occurring after the conception of an invention can jeopardize the right to file for a patent. Jeffrey M. Sears, PhD, Chief Patent Counsel for Columbia University, will present a patent law primer focusing on what you need to know to preserve patent protection for your inventions.

### ABOUT THE SPEAKER:

Jeff serves as Columbia's Chief Patent Counsel in the Office of the General Counsel's Patent and Licensing Group, where his practice encompasses all aspects of patent law, including portfolio management, strategic counseling, licensing and post-licensing compliance, litigation, and legislative and regulatory patent matters. Jeff holds an S.B. in physics from MIT, an M.A. and Ph.D. in physics from SUNY Stony Brook, and a J.D. from NYU. He is admitted to practice law in New York and before the U.S. Patent and Trademark Office.

Date: Thursday, October 9<sup>th</sup>

Time: 1:00-2:00 PM

Location: Morningside Campus, Room will be announced at a later date

RSVP: <http://www.techventures.columbia.edu/events/patents-101-morningside>

## New York Academy of Sciences (NYAS)

- **Scientists-in-Residence Program for Academic Year 2014-2015**

The [Science Alliance](#) of the New York Academy of Sciences and the [New York City Department of Education](#) are pleased to announce the second year of the Scientists-in-Residence program. Students who are exposed to science through active and inquiry based learning techniques are more likely to succeed and engage in science. An extremely effective active learning strategy for engaging students is to have them conduct authentic, hands-on scientific research.

The Scientist-in-Residence Fellowship Program enhances these science projects by matching a scientist with classrooms that will conduct authentic research. The scientist will work closely with cooperating teachers at selected NYC public schools to develop and implement rigorous, inquiry-based science research programs for at least one class of students. Regardless of their scientific discipline, scientists will serve as expert “consultants” on the scientific method, project design, and literature review.

The inaugural year of the Scientist-in-Residence program placed 11 scientists from 7 universities into 11 classrooms throughout New York City. Research topics that teacher-scientist pairs chose to explore with their classes included water quality, heating and cooling systems, biofuels, urban gardens, and yeast growth.

The Scientist-in-Residence Program seeks to:

1. Expand scientists’ and STEM professionals’ pedagogical skills and exposure to K-12 STEM teaching as a potential career
2. Increase STEM instructional capacity through long term science investigation projects and science research programs
3. Increase student exposure to authentic, hands-on science, STEM professionals, and STEM career pathways
4. Enhance participating teachers’ pedagogical practices, instructional leadership/mentoring skills, and increased engagement among cooperating teachers

Graduate students and postdocs from STEM disciplines interested in expanding their teaching experiences and skills should apply to the fellowship program online. The deadline for submitting the application will be **September 22, 2014**. To apply for the Scientist-in-Residence program, please use the following link: [Scientist-in-Residence Application](#). Candidates must also provide a letter of support from their supervising scientist.

Competitive candidates will then be matched with classrooms located in NYC public schools that are within a 40 minute commute. Once candidates are accepted and matched with schools, each Scientist-in-Residence will meet with his/her teacher(s) in November to discuss ideas for research projects and a plan for implementation.

After training, Scientists-in-Residence will dedicate about 5 hrs. a week (including travel) from January to April and 5 trainings/meetings to work with teachers and classrooms to conduct research projects. Specific responsibilities will differ depending on the demands of the teacher and classrooms. At a minimum, all Scientists-in-Residence will collaborate with the teacher(s) to implement the project, supervise experiments, and support classroom instruction on project design and implementation.

- **What Every International Student and Postdoc Should Know About US Employment**

Monday, September 22, 2014 | 6:30 PM - 8:00 PM

Also Available as Webinar

Interested in hearing how H-1B sponsorship happens from the inside? Dan Beaudry, former head of campus recruiting at Monster.com, shares the potent job search system used by many international students and postdocs to find U.S. employment. H-1B's are won in ways you likely don't expect. What you'll discover in this presentation may surprise you:

- Learn how to secure H-1B sponsorship at companies that have a policy against sponsoring H-1B visas.
- Learn why 80 percent of open jobs are never advertised - and how to find them before anyone else.
- Learn why human resources is often an obstacle instead of a conduit to finding a U.S. job-and how to bypass it.
- Learn why submitting résumés online is not an effective use of your time-and how you can better invest that time.

For more information please visit [www.nyas.org/H1B2014](http://www.nyas.org/H1B2014)

- **But I Have No Skills: Debunking Myths and Exploring Career Options for PhDs (An MGSN Event)**

Thursday, September 25<sup>th</sup> 2014 | 7:00 PM - 9:30 PM

Presented by the Minority Graduate Student Network and the Science Alliance

Have you ever wondered whether the skills you built during your graduate and postdoc training would be useful outside of the library or lab? Then join the Minority Graduate Student Network and Science Alliance at "But I have No Skills". Many Ph.D.s who seek careers beyond the academy incorrectly assume that employers will not find them or their skills attractive. In this session, you will have the opportunity to identify skills that you currently possess, as well as career fields that might be a good fit for these skills.

All attendees, Cornell or non-Cornell, should have some form of identification on them the day of the event. Please bring a copy of your email confirmation to gain attendance.

Although this event is free, registration is required for attendance. [Register here.](#)

- **Grantsmanship for Graduate Students and Postdocs**

Thursday, October 9, 2014 | 6:00 PM - 8:30 PM

Also available as Webinar

The ability to write research grants is now more important than ever. Therefore, graduate students and postdocs should be practicing grant writing skills early in their careers by applying for fellowships. Moreover, concise and persuasive writing skills are not only vital for a career in academia, but are essential for all career opportunities. For more information please visit: [Grantsmanship for Graduate Students and Postdocs \(Also available as a Webinar\)](#)

- **From Scientist to CSO: Experiencing the Scientific Method as your Guide to Career Success**

October 21 - December 13, 2014

Enhance your communication, leadership, and teambuilding skills that all employers value by taking From Scientist to CSO, one of the most popular courses offered at the New York Academy of Sciences.

For more information please visit: [From Scientist to CSO: Experiencing the Scientific Method as your Guide to Career Success](#)

- **Conflict Resolution Skills: In and Out of the Lab**

Sunday, October 26, 2014 | 9:00 AM - 5:00 PM

In this weekend workshop you will learn critical skills and tools to cultivate more fulfilling and productive working relationships.

For more information please visit: [Conflict Resolution Skills: In and Out of the Lab](#)

- **Risky Business – A Pharmaceutical Industry Strategy Workshop**

Saturday, November 15, 2014 | 11:00 AM - 4:00 PM

This course gives professionals from inside and outside the pharmaceutical industry—including students and postdocs—a much better understanding of how the R&D and business development and licensing processes operate.

For more information please visit: [Risky Business – A Pharmaceutical Industry Strategy Workshop](#)

- **PepsiCo Journey through Science Day**

Monday, December 8, 2014 | 8:00 AM - 5:00 PM

On December 8, 2014, the New York Academy of Sciences and [PepsiCo](#) will host a special Journey through Science Day at the Academy's headquarters in New York City. Fifty exceptional students and early career scientists (MS, PhD, postdoc) will be selected for this unique opportunity to interact with PepsiCo's R&D leadership, learn about their efforts to develop products rooted in science-based nutrition, and get an exclusive glimpse of how science has shaped their careers. Additionally, each participant will be asked to present a poster on their research to highlight and share their own activities and interests with PepsiCo. There will be an award ceremony for the best posters at the end of the event.

We are looking to invite individuals with experience in the following key areas:

- Life Sciences: Nutrition, Biochemistry, Toxicology, Biology, and Pharmacology
- Engineering: Chemical Engineering, Mechanical Engineering, Plastics Engineering, Packaging Engineering
- Food Science: Food Science specialties, Agriculture and Analytical Chemistry
- Material Science: Material Science, Polymer Science

**CALL FOR NOMINATIONS: Deadline Monday, September 16, 2014.** For more information please visit [www.nyas.org/PepsiCo](http://www.nyas.org/PepsiCo)

## Social Events:

### Office of Postdoctoral Affairs

- **New Postdoc Orientation (with Dessert Extravaganza to follow!)**

In an effort to acclimate new postdocs to Columbia University, we would like to offer a first look at the resources available at the university. Discussion includes a brief rundown of benefits and the services available to Postdocs University wide and through the Office of Postdoctoral Affairs. Postdoc orientation is bi-monthly and rotates between the Morningside Campus and the Medical Center campus. Our September orientation will be held at the Morningside Campus. If you know a new postdoc here, please share this information with them, as they might not yet be on the postdoc mailing list.

#### Morningside

Date: Thursday, September 18<sup>th</sup>

Time: 1pm—2pm (stay for the dessert extravaganza from 2:30-4 PM to meet current CU postdocs)

Location: Hamilton Hall, room 302

Please RSVP with your name, UNI, and event title to [cupostdocs@gmail.com](mailto:cupostdocs@gmail.com)

- **Dessert Extravaganza**

Join us for a special dessert extravaganza with treats like ice cream and fun toppings to brownies and cookies, etc!

#### Morningside

Date: Thursday, September 18<sup>th</sup>

Time: 2:30pm—4pm

Location: Davis Auditorium Foyer in CEPSR

- **Postdoc Bronx River Canoe Trip**

Join a group of your fellow postdocs on a canoe trip up the Bronx River! We have made arrangements to accommodate 25 postdocs on an Upper River Run. There is no cost associated with this trip aside from MTA fare to and from the 219<sup>th</sup> Street station on the 1 train. (Those who register for the trip will be emailed further instructions)

Here is a link of what you can expect for the trip:

<http://bronxriver.org/?pg=content&p=aboutus&m1=1&m2=5&m3=33>.

Date: Saturday, September 27<sup>th</sup>

Time: 10am—around 2pm

Please register by emailing your name, UNI, and event title to [cupostdocs@gmail.com](mailto:cupostdocs@gmail.com)

*\*\*Limited to 25 people.*

### Women in Science at Columbia (WISC)

- **WISC Fall Happy Hour - CUMC**

Kick off the 2014 academic year with WISC's Fall Uptown Happy Hour! Come enjoy free drinks and appetizers and learn about the amazing opportunities that WISC has to offer and network with people from all of Columbia's STEM (Science, Technology, Engineering, and Mathematics) departments!



All STEM graduate students, postdocs, and technicians are welcome to attend!

Date: Thursday, September 18th, 2014

Time: 6:00 pm- 8:00 pm

Location: Heights Tavern, 3910 Broadway (btwn 163rd & 164th sts)

We look forward to seeing you all there!

Questions about this event? Can't make it but want to learn more? Please contact Ruth Singer at [ruthasinger@gmail.com](mailto:ruthasinger@gmail.com).

## **Work/Life Events:**

### **Office of Postdoctoral Affairs**

- **Postdoc Annual Survey**

I am very pleased to announce to you that the Office of Postdoctoral Affairs has created a Postdoc annual survey and it is now live for you to complete: [https://cumc.co1.qualtrics.com/SE/?SID=SV\\_cUs55BIgh7AMHTn](https://cumc.co1.qualtrics.com/SE/?SID=SV_cUs55BIgh7AMHTn).

Completing this annual survey offers you the opportunity to provide feedback to the Office of Postdoctoral Affairs about being a postdoc at Columbia University.

**The Survey is completely anonymous and is being administered solely by the Office of Postdoctoral Affairs.**

The information collected in this survey will only be used by the Office of Postdoctoral Affairs for the purpose of understanding the composition of the postdoc population, the needs of the postdoc population, and to evaluate the postdoctoral training environment.

### **Office of Work/Life**

- **Office of Work/Life Fall Workshops**

The office of Work/Life at Columbia University puts on a number of events throughout the year to assist, educate, and inform the Columbia University Community about a number of topics related to Work/Life. There fall workshops will cover a range of topics including: Adult and Elder Care; Early Education, Child Care and Parenting; Housing; Schooling; Wellness; Flexible Work Arrangements; Personal Finances.

To find out more information about all of their workshops please see a flyer about their events here: [http://worklife.columbia.edu/files\\_worklife/public/Fall\\_2014\\_Workshop\\_Flier.pdf#](http://worklife.columbia.edu/files_worklife/public/Fall_2014_Workshop_Flier.pdf#)

## **Research Seminars:**

### **Office of Graduate Affairs Basic Sciences Weekly Calendar**

## **Monday, September 15**

10:00 AM -- **Pharmacology and Molecular Signaling Thesis Defense Seminar.** Zachary W. Carpenter, Laboratories of Dr. Raul Rabadan & Dr. Adolfo Ferrando, "*Structure Function Analysis of Drug Resistance Driver Mutations in Acute Lymphoblastic Leukemia.*" BB 7-724.

Noon -- **Pathology and Cell Biology Seminar.** Dr. Rebecca Heald, Professor, Department of Molecular & Cell Biology, University of California - Berkeley, "*Mechanisms of Mitosis and Size Control in Xenopus.*" Humphreys Auditorium, VC 14-240.

Noon -- **Biological Sciences Seminar.** Dr. Cécile Bousquet-Antonelli, Senior Researcher, Laboratoire Génome et Développement des Plantes, Université de Perpignan-CNRS, "*Identification of the Heat-Stress Mediated Decay Process in A. thaliana: A New mRNA Turnover System That Requires the Function of the LARP1 Protein.*" 601 Fairchild.

## Tuesday, September 16

4:00 PM -- **Genetics and Development Seminar.** Dr. Neal S. Silverman, Professor, Department of Medicine, University of Massachusetts Medical School, "*Responding on the Fly: Innate Immune Recognition and Signal Transduction in Drosophila.*" 312 HHSC.

## Wednesday, September 17

1:00 PM -- **Neurobiology and Behavior Seminar.** Dr. Wei Min, Assistant Professor, Department of Chemistry, "*Seeing Molecular Vibrations: Chemical Imaging for Biomedicine.*" Kolb Annex, 3rd Floor Conference Room.

4:00 PM -- **Herbert Irving Comprehensive Cancer Center Distinguished Seminar.** Dr. Edward E. Partridge, Director, Comprehensive Cancer Center, University of Alabama, "*Our Failure to Deliver and What Can do About It.*" ICRC Bldg., 1st Floor Auditorium.

## Thursday, September 18

Noon -- **Neurobiology and Behavior Seminar.** Dr. Veronica A. Alvarez, Investigator, Section on Neuronal Structure, Laboratory for Integrative Neuroscience, National Institute on Alcohol Abuse and Alcoholism - NIH, "*Synaptic Mechanisms Underlying the Behavioral Response to Cocaine.*" 301 HHSC.

## Friday, September 19

11:00 AM -- **Biomedical Engineering Seminar.** Dr. Kristin M. Myers, Assistant Professor, Department of Mechanical Engineering, "*Understanding the Mechanical Role of the Cervix During Pregnancy.*" 614 Schermerhorn.

## Monday, September 22

1:00 PM -- **Pathology and Cell Biology Seminar.** Dr. Thomas J. Montine, Professor and Chair, Department of Pathology, University of Washington - Seattle, "*Precision Medicine: Clarity for the Clinical & Molecular*

*Complexity of Dementia.*" Humphreys Auditorium, VC 14-240.

3:45 PM -- **Physiology and Cellular Biophysics Seminar.** Dr. James E. Rothman, Professor and Chair, Department of Cell Biology, Yale University, "*Regulation of Neurotransmitter Release.*" P&S Alumni Auditorium.

4:15 PM -- **Physics Colloquium.** Dr. Klaus Kern, Professor of Physics, Ecole Polytechnique Fédérale de Lausanne; Director and Scientific Member, Max Planck Institute for Solid State Research, "*The Small Frontier: Imaging Molecular Functionality.*" 428 Pupin Hall.

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OF INTEREST  
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**Tuesday, September 23, 2014**

4:15 PM

Simons Foundation  
Autism: Emerging Concepts Series

Dr. Nancy Kanwisher  
Professor,  
Department of Brain and Cognitive Sciences  
MIT

*"The Social Brain: A Hypothesis Space for Understanding Autism"*

Register here: <http://www.simonsfoundation.org/events/>

Location:  
Gerald D. Fischbach Auditorium  
Simons Foundation  
160 Fifth Avenue, 2nd Floor  
(Entrance on 21st Street)

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Alternate ways to view the calendar:  
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View the up-to-date Basic Sciences Weekly Calendar within Google Calendar:

1. At the bottom of your calendar list on the left, click the Add down-arrow button and select Add by URL.
2. Enter the Basic Sciences Weekly Calendar address in iCalendar format address in the field provided:  
<http://www.google.com/calendar/ical/gsas.cumc%40gmail.com/public/basic.ics>
3. Click Add.

Or to view the up-to-date Basic Sciences Weekly Calendar in a browser without signing in to Google Calendar:  
[http://www.google.com/calendar/embed?src=gsas.cumc%40gmail.com&ctz=America/New\\_York](http://www.google.com/calendar/embed?src=gsas.cumc%40gmail.com&ctz=America/New_York)

Or view our on-line Calendar in its original format at:  
[http://sklad.cumc.columbia.edu/gsas/interior.php?sub=5\\_1](http://sklad.cumc.columbia.edu/gsas/interior.php?sub=5_1)

## **Funding opportunities:**

### **Columbia Resources for funding:**

#### **InfoEd:**

- InfoEd is software that manages sponsored programs for over 600 institutions globally. Included in the Info Ed package are SPIN and SMARTS. To access InfoEd and the online training for SPIN and SMARTS please go to: <http://spa.columbia.edu/funding/overview> and click on "Search for Funding (SPIN)". Log in with your UNI and password.
- SPIN: is a searchable funding database that contains national, international, government, and private funding sources. You can search for all types of awards (grants, fellowships, private foundations, publication support, etc.)
- SMARTS: is an automatic daily e-mail service that notifies you of relevant new funding opportunities based on a keyword match that you initiate.
- All faculty and research officers including postdocs are already in InfoEd and can have access to SPIN and SMARTS. It will take approximately 10-15 minutes to complete your profile. [Please click on this link for instructions to submitting your profile in InfoEd.](#)
- Please Note: All questions regarding the use of SPIN and SMARTS needs to be addressed to the InfoEd helpdesk at [infoedhelpdesk@columbia.edu](mailto:infoedhelpdesk@columbia.edu). All questions regarding the submission of your profile information into InfoEd needs to be addressed to [postdocaffairs@columbia.edu](mailto:postdocaffairs@columbia.edu).

#### **Office of Research Initiatives:**

- The Office of Research Initiatives coordinates various funding opportunities for Columbia University, including some funding opportunities for postdocs. Navigate through their webpage to learn more: <http://researchinitiatives.columbia.edu/>
- Limited Submission Funding Opportunities: A number of funding opportunities occur annually that entail participating institutes performing an internal competition and then sending internal nominees on to the granting agency for a limited competition for funding. Some of these competitions are specifically for postdoctoral fellowships or postdoctoral career transition awards. These opportunities will be communicated through the Office of Research Initiatives as well as through the Office of Postdoctoral Affairs.

#### **Sponsored Projects Administration:**

- Sponsored Projects Administration (SPA) is the office at Columbia University that exclusively deals with grants management, including grant submissions and post-award processes. SPA lists numerous funding opportunities on their webpage as well as updates to funding policies: <http://spa.columbia.edu/>

### **National Institutes of Health (NIH) Funding Opportunities:**

- Did you know that the NIH has a grant program that pays your student loans while you are doing research? The next submission deadline period is September 1<sup>st</sup>-November 15<sup>th</sup>. Learn more about the program here: <http://www.lrp.nih.gov/index.aspx>
- The next submission deadline for the NIH NRSA F32 individual postdoctoral fellowship is December 8<sup>th</sup>. Information on the F32 fellowship can be found here: <http://grants.nih.gov/grants/guide/pa-files/PA-14-149.html>

- The next submission deadline for the NIH K99/R00 career development award is October 12<sup>th</sup>. Information on the K99/RO1 award can be found here: <http://grants.nih.gov/grants/guide/pa-files/PA-14-042.html>
- The NIH also has other career development awards besides the K99, some of which are geared towards postdocs. Information on the whole K series of awards can be found at: <http://grants.nih.gov/training/careerdevelopmentawards.htm>

#### National Science Foundation (NSF) Funding Opportunities:

- The NSF has a number of fellowship opportunities for postdoctoral researchers. Many of the submission deadlines for these fellowships are in October 2014. A full listing of the various fellowship opportunities can be found here: <https://www.fastlane.nsf.gov/servlet/fastlane.pdoc.DisplayProgramType>
- Four examples:
  - The Directorate for Social, Behavioral & Economic Sciences Postdoctoral Fellowships: [http://www.nsf.gov/pubs/2014/nsf14595/nsf14595.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2014/nsf14595/nsf14595.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)
  - The Mathematical Sciences Postdoctoral Research Fellowships: [http://www.nsf.gov/pubs/2014/nsf14582/nsf14582.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2014/nsf14582/nsf14582.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)
  - The Astronomy and Astrophysics Postdoctoral Fellowships: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5291&WT.mc\\_id=USNSF\\_39&WT.mc\\_ev=click](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5291&WT.mc_id=USNSF_39&WT.mc_ev=click)
  - The Atmospheric and Geospace Sciences Postdoctoral Research Fellowships: <http://www.nsf.gov/pubs/2014/nsf14509/nsf14509.htm>

#### Department of Defense (DOD):

- The DOD has a number of funding areas, some of which may be open to postdoctoral submissions. Please look through the various funding opportunities if you are interested. They can be found here: <http://cdmrp.army.mil/funding/reftable.shtml>

#### Other Government Agency Funding Opportunities:

- A number of government agencies fund postdoctoral research projects including the Department of Energy (DOE), the Environmental Protection Agency (EPA), and the Food and Drug Administration (FDA). Learn more about a wide-range of funding opportunities that may be open to postdoctoral submissions here: <http://www.science.gov/internships/graduate.html>

#### Foundations:

- Numerous non-for profit foundations exist domestically and internationally that provide grant funding to research aligned with their specific interests.
- The Health Research Alliance is a consortium of over 50 different foundations that collectively sponsor over \$1.5 Billion dollars in research annually. Each foundation within the group has their own funding mechanisms, many of which are open to postdoctoral submissions. More information of the foundations that are part of the Health Research Alliance can be found at the following pages: <http://www.healthra.org/> and [http://www.healthra.org/download-resource/?resource-url=/wp-content/uploads/2014/04/HRA\\_fact\\_sheet\\_5\\_1\\_2014.pdf](http://www.healthra.org/download-resource/?resource-url=/wp-content/uploads/2014/04/HRA_fact_sheet_5_1_2014.pdf) .

- The chronicle of philanthropy is an online resource dedicated to the non-profit sector. Their webpage can be found here: <http://philanthropy.com/section/Home/172/> . You can create a free online account and then login to search through their list of available grant opportunities, some of which may be open to postdoctoral submissions.
- Does your research focus on breast cancer, if so check out the postdoctoral fellowship opportunity from the Susan Komen foundation at: [www.komen.org/RFA](http://www.komen.org/RFA).
- Are you an Israeli citizen? If so, you might be eligible to apply for a Gruss Lipper postdoctoral fellowship through the EGL Charitable Foundation. For more details go to: [www.eqlcf.org](http://www.eqlcf.org)
- The Fulbright U.S. Scholar Program's Postdoctoral/early career grants target U.S. scholars who have recently completed their doctoral degrees, with over 170 awards in more than 80 countries worldwide. Many of their post-doctoral opportunities are "All Discipline Research awards", meaning they are open to post-docs working in all areas of academic research. [Italy](#), [France](#), [Spain](#), [Israel](#), and [Egypt](#) all offer the opportunity for young scholars to work with an institution of their choice and pursue their research interests, with durations ranging from 4 to 20 months. There are also postdoctoral opportunities targeted to scholars in specific fields. More information about the Fulbright Scholar Program can be found on their website, <http://www.cies.org/>, and the complete catalog can be accessed online at <http://catalog.cies.org/>. As outlined in our [Eligibility Guidelines](#), all applicants must be U.S. citizens at the time of application. The current competition will close on August 1, 2014.
- The Hope Funds for Cancer Research is pleased to announce a request for research proposals for postdoctoral fellows working in oncology. These **3-year fellowships will be awarded to postdoctoral scientists** commencing in 2015. The first step in the application process is to submit an abstract of the proposed research using the *Summary of Research Form* and providing a brief description of the project. This form can be downloaded from our website: <http://www.hope-funds.org/grants/eligibility-and-application/>. The completed form and project description should be submitted by email directly to [grants@hope-funds.org](mailto:grants@hope-funds.org) not later than **5:00 PM EDT on September 18, 2014**. An independent peer-review study session will review these abstracts and recommend a final group of candidates, who will be notified by December 2014. These candidates will be asked to submit a more detailed research proposal and some additional supporting application materials. Final selection and notification of grantees will be completed by April 2015.
- The Wellcome Trust has numerous funding opportunities for postdocs at varying career stages, including career transition awards, and across several research areas. Please go to their webpage to find out about their opportunities: <http://www.wellcome.ac.uk/Funding/index.htm> .

## Career Resources:

### Office of Postdoctoral Affairs:

- The Office of Postdoctoral Affairs is here to help! If you have any career questions, please email me at [rf2531@columbia.edu](mailto:rf2531@columbia.edu) to make an appointment. We also have a career counselor, Ruth Longobardi, who provides 1 on 1 counseling and runs workshops throughout the year. Please see more information about signing up for a session with her as well as her fall workshops listed above under Office of Postdoctoral Affairs Career Development Events.

### General Career Resources:

- National Postdoctoral Association (NPA), that's right there's an advocacy group specifically for you! The NPA webpage contains many gems of information for you, including articles on postdoc policy as well as a bevy of career related resources. Since Columbia University is a sustaining member of the NPA you as a postdoc here can register for a free membership using your Columbia email address. Check out their webpage at: <http://www.nationalpostdoc.org/>

- Have you ever wondered where you are going in your career and how you might be able to better manage your career and stay on task to achieve your career goals (or to develop career goals in the first place)? You should read the following articles and complete your own individual development plan (geared towards science postdocs but still relevant for a wide-range of fields):  
[http://sciencecareers.sciencemag.org/career\\_magazine/author/cynthia-n.-fuhrmann](http://sciencecareers.sciencemag.org/career_magazine/author/cynthia-n.-fuhrmann) and  
<http://myidp.sciencecareers.org/>
- Elsevier, the widely known publishing company, has a career resources webpage that provides a fair amount of career resources for early stage researcher, with a particular focus on publishing: <http://www.elsevier.com/early-career-researchers/home>

### Science, Technology, Engineering, and Mathematics (STEM) Related Career Resources:

- Science Careers is a great resource for articles on science related career information and news. Science careers also provides a large searchable database of science related job opportunities. Science careers can be found here: <http://sciencecareers.sciencemag.org/>
- The New York Academy of Sciences (NYAS) organizes many seminars, workshops, and courses for NYC area scientists and non-scientists. The main NYAS webpage is located here: <http://www.nyas.org/default.aspx>. The NYAS also runs the Science Alliance, a hub of career development resources for students and postdocs in the NYC area that consists of a consortium of all of the NYC area Universities. The Science Alliance webpage contains video interviews with individuals with science backgrounds who have gone on to a variety of careers (research and non-research) and can be found at: <http://www.nyas.org/WhatWeDo/ScienceAlliance/Careers.aspx?tid=4ac9a42b-60f2-4391-87a0-f81535a6a41d>
- For female graduate students and postdocs in science, technology, engineering, and mathematics (STEM) at Columbia there are three organizations you should check out. The organizations routinely hold interesting and well attended events and all three organizations look for members to get involved in a variety of capacities. The first group is based right here at Columbia University, Women in Science @ Columbia, and their webpage can be found here: <http://womeninscienceatcolumbia.org/>. The second organization you should check out, is the NY Women in STEM organization and their website can be found here: [www.NYWiSTEM.wordpress.com](http://www.NYWiSTEM.wordpress.com). The third group is a local chapter of the national group, the Association for Women in Science (AWIS), with the local chapter's webpage found here: <http://metronyawis.weebly.com/>
- Cold Spring Harbor Laboratory in Long Island, NY runs numerous courses for students and postdocs on particular scientific research focus areas. Their course listings can be found here: <http://meetings.cshl.edu/courses.html>
- The Marine Biology Laboratory in Woods Hole, Massachusetts runs a series of summer courses for students and postdocs including a well-regarded one on microscopy. Their summer course listings can be found here: <http://hermes.mbl.edu/education/courses/summer/index.html>
- Are you considering an Industry career? If so you should definitely check out Science career's guide for scientists transitioning to Industry that was recently compiled: [http://sciencecareers.sciencemag.org/career\\_magazine/previous\\_issues/articles/2014\\_07\\_03/caredit.a1400170](http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2014_07_03/caredit.a1400170)
- For anyone interested in the medical/science writing profession, there is a free weekly mailing list you can join to hear about numerous medical writing jobs, including many which could be performed part time as a freelancer: <http://www.hittmedicalwriting.com/hmw/the-hittlist/>. Also there is a course and book series on what you need to know about careers in medical/science writing available through their website.
- Want to learn about science journalism and the skills necessary to excel in this field? If so, you should consider taking the World Science Journalism Federation course (online and free): <http://www.wfsj.org/course/>.
- For anyone interested in life science consulting, I would strongly suggest you check out The Solution Lab, a non-profit dedicated to educating graduate students and postdocs about healthcare and pharma consulting through

workshops, seminars, and volunteer experiences. The solution lab webpage can be found at

<http://thesolutionlab.org/>

- For anyone interested in becoming a scientist-entrepreneur, you might want to check out The Entrepreneurship Lab, a NYC based organization designed for NYC life scientist students and postdocs interested in gaining practical entrepreneurial experience. Their webpage can be found at <http://elabnyc.com/>. Interested in learning more about the latest happenings in the science and technology entrepreneurship world? If so, you might want to keep up to date using <http://www.xconomy.com/>
- Are you interested in technology transfer and product commercialization? If so, you should read about what the Columbia University Technology Ventures Office does, join their mailing list, and attend some of the events they host throughout the year. Their website and mailing list can be found at: [www.techventures.columbia.edu](http://www.techventures.columbia.edu) and [Subscribe to our mailing list](#). You can also attend one of the riverside chat series seminars that are put on by NYC Tech connect. Go to their webpage here: <http://nyctechconnect.com/>
- Are you a postdoctoral researcher here with a focus on Neuroscience? If so you should check out the Columbia Translational Neuroscience Initiative: <http://ctni.info/>. They have a newsletter, NERVE which one can subscribe to in order to find out about the latest neuroscience research going on right here at Columbia.
- Does your research involve computer science? If so, you should definitely check out the ASCENT program: The [NYC ASCENT](#) program is for Computer Science and Engineering postdocs. ASCENT is a program aimed at **Advancing Computer Science Careers through Enhanced Networking and Training**.
- Do you wish to have personalized recommendations of the best research articles in biology and medicine by the world's largest group of leading scientists and clinicians? Check out the Faculty of 1000 Prime: <http://f1000prime.com>. F1000Prime offers fast and comprehensive identification and assessment of the best research articles in biology and medicine by the world's largest group of leading scientists and clinicians. F1000Prime provides researchers with a personalized literature service using a collection of innovative tools and resources.

### Higher Education:

- Chronicle of Higher Education is a great resource for articles on the latest happenings and trends in higher education. Chronicle of Higher Education also maintains a tremendous searchable database of job opportunities in academia, particular teaching positions and administrative positions. They also list many adjunct teaching positions available in Colleges and Universities in the greater NYC area. The Chronicle of Higher Education can be found here: <http://chronicle.com/section/Home/5>
- Three other great resources for learning more about trends and job opportunities in higher education can be found here: <http://www.insidehighered.com/#sthash.aLurJTGi.dpbs>, <https://www.higheredjobs.com/search/default.cfm>, and <http://www.hercjobs.org/>

### Non-Profit/Government:

- If you are interested in what is happening in the non-profit sector, a great resource is The Chronicle of Philanthropy, which also maintains a searchable database for jobs in the non-profit sector at many foundations and non-governmental organizations. The Chronicle of Philanthropy can be found here: <http://philanthropy.com/section/Home/172/>
- Another great resource for the non-profit sector is Idealist, which maintains databases of volunteer opportunities as well as a plethora of jobs available at non-profits across the country. Their website can be reached here: <http://www.idealists.org/>
- Are you interested in exploring a career working for the US government? Remember the US government encompasses many federal organizations such as the EPA, NIH, NSF, FDA, FBI and USDA among others. If so check out this webpage for a full listing of job opportunities working for the US Government: <http://www.usa.gov/Citizen/Topics/Government-Jobs.shtml>



- Interested in working on the policy end of Science? If so you will want to look into the premier fellowship/training program to do just that: <http://www.aaas.org/program/science-technology-policy-fellowships>

**Consulting:**

- Thinking about exploring a career in consulting? Did you know that Columbia University has a consulting club? The Columbia Graduate Consulting Club holds regular events and membership to their group is open to postdocs. Check out their website: <http://www.columbia.edu/cu/consultingclub/>