The STS Wire

A newsletter from Stanford's Program in Science, Technology and Society
featuring jobs, internships, and other opportunities for current students  5/25/12

IN THIS ISSUE:
· Prenatal Genetic Testing in the 21st Century
· Kiva Volunteer Opportunities

Prenatal Genetic Testing in the 21st Century, Tuesday, May 29, 2012, 8:30a – 5:30p, Paul Brest Hall at Munger

The Center for Law and the Biosciences is doing a really interesting conference next Tuesday, May 29, on developments in prenatal genetic testing, developments that will, honestly, be revolutionary. Much more widespread human control of the genetic traits of our offspring is coming, with step one already started and step two about 20 years off.

The conference is free and open to the public (and we're recording it, video and audio, for subsequent web posting). We are asking people to register to get a headcount.

There's also a webpage for the conference at:

http://blogs.law.stanford.edu/lawandbiosciences/2012/05/19/may-29-conference-on-non-invasive-prenatal-genetic-testing/

Kiva Volunteer Opportunities

Kiva is starting recruiting for their July Class of interns. Though the Kiva internships are unpaid, they offer robust micro finance educational opportunities and experience working within Kiva's unique non-profit business model.

Background on Kiva.org: Kiva.org was founded upon the fundamental principle that connecting people through lending can help alleviate poverty. To ensure that it succeeds, the company, along with its user base, provides borrowers with the seed capital needed to generate income, and thereby live a life of sustainability and independence. So far, this approach has enabled Kiva to raise $306 million in loans for 770,401+ entrepreneurs in 59 countries, momentum which it looks to continue in the coming years as it positions itself to achieve $1 billion in loans across a variety of sectors by 2015.

For more information on available positions, please see our Volunteer Page here. The start date for all open positions is July 16th, 2012.

If you have interested candidates, please direct them to our application form here: http://volunteerportal.kiva.org/volunteerapplicationform

If you have any questions, please feel free to contact Sarah Faltrick me or Rachael Caine.
Informing Reproductive Choice?
Prenatal Genetic Testing in the 21st Century

A Conference Presented by the Stanford Center on Law and the Biosciences and the Stanford Center for Integration of Research in Genetics and Ethics
May 29, 2012

All speakers are confirmed.

8:30 Welcome/Introduction
Hank Greely, Stanford Law School

8:35 The Science - Now and in the Near Future
Steven Quake, Stanford Department of Bioengineering
Kenneth Song, Ariosa
Matthew Rabenowitz, Natera
Karen Drexler, CellScape

9:00 Corporate Perspectives
Joanne Taylor, Lucile Packard Children's Hospital
Mary Norton, Stanford Medical School
Sara Goldman, Ca. Genetic Disease Screening Program
Mark Nunes, Kaiser Permanente

9:50 Break

10:00 Medical Realities
Genetic Counseling
Joanne Taylor, Lucile Packard Children's Hospital
Sara Goldman, Ca. Genetic Disease Screening Program

Ob/Gyn
Mary Norton, Stanford Medical School

States
Sara Goldman, Ca. Genetic Disease Screening Program

Private Payers
Mark Nunes, Kaiser Permanente

11:10 Break

11:20 Legal and Regulatory
Patent Policy
Mildred Cho, Stanford Center for Biomedical Ethics
Patent Litigation
Alberto Gutierrez, FDA

FDA
Alberto Gutierrez, FDA

12:45 Lunch

1:30 European Perspectives
Susan Kelly, Univ. of Exeter

Social issues
Will Safire, Slate/Washington Post
Sharon Terry, Genetic Alliance
Brian Skotko, Children's Hospital, Boston
Jaime King, Hastings Law School

3:45 Break

4:00 Beyond this Horizon
Eggs from stem cells
Renee Reijo Pera, Stanford Medical School

The end of sex
Hank Greely, Stanford Law School

4:45 Discussion - Best Practices
Mildred Cho, Stanford Center for Biomedical Ethics

5:30 Adjourn - reception
more consumers are rapidly coming. Non-invasive prenatal genetic testing (NIPT) raises questions about who will pay for this testing, how it will be regulated, and how to ensure patients' informed consent, as well as vexing social issues involving abortion, disability rights, and eugenics.

On Tuesday, May 29, the Center for Law and the Biosciences, with the Stanford Center for Integration of Research in Genetics and Ethics, will host a broad range of experts— including genetic counselors, ethicists, law professors, and representatives of the NIPT industry, the FDA, and the disability community— to analyze recent developments in the industry, their practical, legal and social implications, and future directions of the prenatal testing revolution.

REGISTRATION INFORMATION:
The deadline to register is Friday, May 25. Space is limited.
To reserve a spot, please register at:
www.stanford.edu/dept/law/forms/PrenatalConfo_participants.fb
Questions?
Please contact tech@law.stanford.edu or call (650) 723-5905.

The STS Wire

A newsletter from Stanford's Program in Science, Technology and Society featuring jobs, internships, and other opportunities for current students

5/17/12

IN THIS ISSUE:
- NSA Needs Top Tech Talent*
- Earthsickness: Circumnavigation and the Terrestrial Human Body, 1520-1800
- Open Garage Event at Stanford With Pulitzer-winner Paul Ingrassia

*NSA Needs Top Tech Talent*
The technology landscape is ever-changing, bringing with it an increased potential for cyber threats. That means that it's critical to stay ahead of our cyber adversaries.

To accomplish that, the National Security Agency (NSA) needs technical professionals in fields such as:
- Computer Science
- Computer and Electrical Engineering
- Mathematics

At NSA, you'll be a valued part of an integrated, formidable team of cyber professionals from a variety of disciplines. What's more, you'll work with incredible, state-of-the-art technologies that are light years ahead of anything in the private sector.

If you are a recent graduate or young professional in one of these technical fields, and if you want to help maintain our nation in cyberspace, then NSA wants to hear from you.

Also, don't forget about our Cooperative Education Program. This program gives freshmen and sophomores majoring in computer engineering, electrical engineering or computer science the chance to gain real-world work experience by alternating semesters of full-time work at NSA with semesters of full-time study. The application deadline is tomorrow, May 15, so submit your application today.

NSA Needs Your Technical Talent

U.S. citizenship is required. NSA is an Equal Opportunity Employer.
From the 1500s into the early 1800s, most of the mariners who tried to go around the world died, mostly of scurvy. Commentary on their suffering represented a meaningful event in the conceptualization of the human body as a planetary entity: circumnavigation offered their scorbutic bodies as evidence that humans were terrestrial creatures, physically suited to the earthly parts of a terraqueous globe.

A History of America in 15 Cars: Pulitzer Prize Winner Paul Ingrassia, May 23rd

Revs and CARS present Pulitzer Prize-winning journalist Paul Ingrassia discussing America's history as a vehicular history, from the assembly lines of Henry Ford to the open roads of Route 66, from the lore of Jack Kerouac to the sex appeal of the Hot Rod. It's an idea brought brilliantly to life by Ingrassia in his new book, Engines of Change. The author will dive deep into the idea of the automobile as it propelled and reflected the American experience. Visiting Lecturer and Pulitzer Prize-winning journalist R.B. Brenner will lead a Q&A discussion immediately following Ingrassia's presentation.

Wednesday, May 23, 2012, 7:00 PM, Automotive Innovation Facility (Map)

http://m.stanford.edu/events/e/?i=32189
IN THIS ISSUE:

- Stanford Law School and the Biosciences presents: Mind-Reading –TONIGHT
- Cleantech Open 2012 Accelerator & Competition, May 8th deadline
- EngineAdvocacy Presents: the bay meets the hill May 1, 2012
- Talk & Reception for STS scholar & filmmaker Hanna Rose Shell, May 4th

Job Opportunities:

- changeLabs Novel Interactions Design Team – Paid research positions, Summer 2012
- Internship for Bay Area Enviro Science Site, Summer 2012
- METRICSTREAM – Social Media Manager

Mind-Reading:
The Technology & The Law

Presented clip          Clip reconstructed from brain activity

Thursday, April 26, 2012
4:30 - 6:00 PM
Stanford Law School, Room 190

Cleantech Open 2012 Accelerator & Competition, May 8th deadline

Cleantech is sponsoring an exciting competition this year. Please see details:
EngineAdvocacy Presents: the bay meets the hill    May 1, 2012

Please join us for this exciting upcoming STS event!

HANNA ROSE SHELL
STS PROGRAM AT MIT
HOW NOT TO BE SEEN

MAY 4, 2012 AT 5:30 PM
BUILDING 360, ROOM 134 (SPENCER HALL)
PRESENTATION WITH RECEPTION TO FOLLOW
SPONSORED BY THE PROGRAM IN SCIENCE, TECHNOLOGY AND SOCIETY AT STANFORD UNIVERSITY

changeLabs Novel Interactions Design Team – Project Manager & Lead Application Interface Designer positions available, Summer 2012
changeLabs Novel Interactions Design Team is looking for a summer research person. Want to be part of an exciting, multidisciplinary research team working to achieve large-scale energy savings through innovative Facebook apps? Apply now to join the changeLabs Novel Interactions Design Team!

The changeLabs group in the d.school applies design innovations to address sustainability issues. One of its focus areas is household electricity consumption, and its members are working on a project funded by the Advanced Research Projects Agency – Energy (ARPA-E) of the Department of Energy. The changeLabs Novel Interactions Design Team is finalizing three online interfaces that will provide users with different forms of electricity consumption feedback. In an upcoming study, the group will identify the impact and efficacy of presenting these different interfaces. Details about the research project and each of the roles are attached. Please email your resume and a brief statement on why you want to join the changeLabs team to Brian Wong at brian.wong458@gmail.com and cc Banny Banerjee at banny@stanford.edu with ‘changeLabs Research Position’ in the subject line.

---

Internship for Bay Area Enviro Science Site

This BAY NATURE intern opportunity will allow you to delve into the heart of Bay Area nature and conservation news and contribute to the growing content at Baynature.org.

Bay Nature Magazine is our quarterly, award winning, flagship publication. The Website is an extension of the naturalist spirit of the magazine, and allows us to report on timely news and information to an engaged audience.

We are looking for savvy writers and multimedia producers who know their way around City Hall and can also hit the trails and describe, with just enough flourish, the goings about of a clapper rail or the foliage of a manzanita plant.

You’ll be part of an exciting time at Baynature.org this summer with the online development of a Bay Area trail finder, and other changes in the Website that aim to make this the portal for Bay Area nature news. If you are a nature-lover, we want to hear from you.

Please email Alison Hawkes for the details of the job.

How To Apply:
Send a resume, three references, and three samples of original journalism to: Alison Hawkes, online editor: alison@baynature.org
No phone calls, please.

---

METRICSTREAM – Social Media Manager

MetricStream is a leader in the growing market of Governance, Risk, and Compliance (GRC) enterprise software. This position will provide an opportunity for a student to build a social media campaign and do cutting edge media-related activities for an enterprise tech company that is prime for significant growth. MetricStream is privately funded by leading institutional and corporate investors including Kleiner Perkins (KPCB), Advanced Equities, Integral Capital, Oracle, Cisco, the CIA, and Research in Motion.

The hiring manager is Ray Jones, head of corporate development for MetricStream (Stanford ’07).

The social media candidate will begin as an intern over the summer and may move into a full time position in the Fall or Winter, depending on their graduating schedule. They would prefer someone graduating during those periods but we are open to someone graduating in 2013. Interested candidates should email Ray at rayjones@metricstream.com. 