

From: Gil Masters (gmasters@stanford.edu)
To: energyfolks@lists.stanford.edu
Date: Monday, October 8, 2007 7:06:09 PM
Subject: Socials, Apollo Project, GRID Alt, GCEP, Oil/Water



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JOBS JOBS JOBS JOBS

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12. Senior Manager, Technology Assessment Service, E Source, Boulder
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- 15. Ausra (Solar thermal power plants): Senior Accountant, Dir of Accounting
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1. Quotes of the day...Friedman (gas tax), Edwards (no nukes), the Daily (USC game)

Charge It to My Kids

By THOMAS L. FRIEDMAN

Published: October 7, 2007

Does the Bush team really believe that if we had a \$1-a-gallon gasoline tax - which could reduce our dependence on Middle East oil dictators, and reduce payroll taxes for low-income workers, pay down the deficit and fund the development of renewable energy - we would be worse off as a country?

<http://www.nytimes.com/2007/10/07/opinion/07friedman.html?ref=opinion>

.... and from an Oct 5 interview with presidential candidate John **Edwards..** in the Paducah Sun, Ky

After making remarks outlining his platform, he fielded 12 questions from people that he picked at random.

He said he doesn't support the construction of any new nuclear power plants because they are expensive, they take too long to build and "I'm not satisfied we have a safe way of disposing of nuclear waste."

... and from the Stanford **Daily**... after Saturday's amazing upset...

Stanford 24, USC 23 "You Can't Spell Suck Without USC"

2. "Energy Social" at the Stanford Faculty Club, 5:30, Oct 10

Students, faculty and local community members who share an interest in energy issues are invited for refreshments and conversation at the Energy Socials.

Where: Stanford Faculty Club

When: Wednesday, October 10th
Wednesday, November 14th
Wednesday, November 28th

Time: 5:30pm-7:30pm

Sponsored by MAP (www.maproyalty.com)

To help us with numbers, please let us know if you plan on attending the October 10 Energy Social. RSVP to judith@maproyalty.com.

3. Energy Seminar: Apollo Energy Project. Weds, Oct 10, 4:15

The Stanford community is invited to attend the weekly Energy Seminar, an interdisciplinary series of talks primarily by Stanford experts on a broad range of energy topics. Drop-ins welcome. Wednesdays, 4:15 to 5:15

Building 420 Room 40, enter downstairs in the Main Quad.

October 10 (followed by Energy Social)
Robert Cormia, Faculty, Foothill College
Apollo Energy Project

4. New Stanford GRID Alternatives! Kick off event, Oct 10, 8 pm

Stanford GRID Alternatives is the first campus chapter of the SF-based GRID Alternatives, a nonprofit organization that installs solar PV systems in low-income communities. Stanford GRID will do quarterly installations in East Palo Alto, as well as help educate the Stanford community about sustainable energy. We welcome anyone interested in renewables, community service, and/or hands-on installation experience. No previous knowledge or experience required- we'll teach you everything!

Come to our kick-off event: Tuesday, October 9: Emilie Hung from GRID Alternatives and GCEP will speak about "Affordable Solar Power for Low-Income Families" (7-8 pm, room 260-113)

First Stanford GRID meeting: Wednesday, October 10 (8-9 pm, Okada Lounge)

Questions? Contact Emily Humphreys (emilyh2@stanford.edu) or Lewis Hom (lrhom@stanford.edu)

5. GCEP Workshop on Advanced Electricity Infrastructure, Nov 1-2

The Global Climate and Energy Project (GCEP) is organizing a two-day workshop on Advanced Electricity Infrastructure that will be held at the Frances C. Arrillaga Alumni Center on the Stanford campus on November 1-2, 2007. This event is part of GCEP's assessment activity in the area of Energy Distribution, Storage, and Infrastructure.

Technical experts in a broad range of topic areas will assemble and discuss research ideas in advanced transmission, power systems control and analysis, distributed generation, and storage. The objective of the workshop is to identify innovative, high-risk research opportunities that complement current investigations with the potential to improve significantly the efficiency and effectiveness of the electricity grid in the next 10 to 50 years.

Please view the draft agenda for the workshop at:
<http://gcep.stanford.edu/electricityagenda/>

This technical workshop is free and open to the Stanford community, and outside researchers and energy professionals, but registration is required by October 21, 2007. As seating is limited to approximately 150 participants, please register soon at:
<http://gcep.stanford.edu/electricity/>

6. Texas consumers feel electricity competition markets a costly failure

<http://www.energycentral.com/centers/news/daily/article.cfm?aid=9004687>

Oct 7 - McClatchy-Tribune Regional News

When Texas law-makers agreed to open the state's power markets to competition back in 1999, one promise was on the tip of many tongues -- lower prices. "Competition in the electric industry will benefit Texans by reducing monthly rates and offering consumers more choices about the power they use," then-Gov. George W. Bush said at the time.

Then-state Sen. David Sibley, who was a key author of the bill, put the promise more bluntly: "If all consumers don't benefit from this, we will have wasted our time and failed our constituency," he said.

Eight years later, many consumers are calling deregulation just that -- a failed waste of time.

From 2000 to June of this year, the average electric rate in Texas rose 56 percent, more than in all but three states, according to the most recent nationwide federal government figures.

The 25 percent of Texans living in those regulated markets generally pay less than rates available in markets that have been opened to competition.

7. Courting Disaster: The Fight for Oil, Water and a Healthy Planet: Oct 13, 9:15-11

Location: Maples Pavilion. Open to the public and held in collaboration with Reunion Homecoming Hosted by Stanford President John Hennessy, roundtable panelists include Hoover visiting fellow Gen. John Abizaid, Supreme Court Justice Stephen Breyer, New York Times columnist **Thomas Friedman**, and School of Earth Sciences Dean Pamela Matson. Former CNN political analyst Carlos Watson, JD '95, will be the moderator.

Tickets:

Available Oct. 1 at: www.stanford.edu/roundtable

STUDENTS, FACULTY, STAFF MAY OBTAIN FREE TICKETS WITH ID CARD

TICKETS AVAILABLE TO THE GENERAL PUBLIC FOR \$10 EACH AT THE STANFORD

TICKET OFFICE: 650-725-2787

PARKING IS LIMITED SO COME EARLY OR USE PUBLIC TRANSPORTATION
REUNION HOMECOMING WEEKEND PARTICIPANTS WILL BE ADMITTED FREE WITH
REUNION NAME TAG

8. Stanford Biodiesel Project: Waste cooking oil to Marguerites

The Stanford Biodiesel Project is a small and dedicated group of Stanford students working to design, build, and implement a biodiesel processor on campus. Every week, campus eateries produce more than 200 gallons of waste cooking oil, which must be carted away to a special landfill as semi-hazardous waste. We are working to build a facility that would process this waste oil into useable fuel for the Marguerites, other campus vehicles, or as a heating fuel.

This campus-wide initiative involves the close collaboration of Stanford Dining, Parking and Transportation, Environmental Health and Safety, Facilities and Operations, The Woods Institute for the Environment, and the School of Engineering. We have secured a start up fund and have project sponsors; this project has been underway for over a year. A lot of background work is completed and our team has a clear plan for successful implementation during 2007-2008. Currently, we are working with the University to cite the facility, completing the design, developing quality assurance testing systems and protocols, and submitting permits. We hope to build the plant in winter quarter 2008 and produce at full-scale by the start of spring quarter 2008.

The Stanford Biodiesel Project is seeking a few new members who are interested in sustainability and would like to have a real hand in designing the processor and pushing this project forward. Below is a short list of opened positions on our team and a brief description of the type of people we are looking for. If you're enthusiastic about the project and willing to put in some time, please get in touch with us even if you do not see your talents and skills represented in the list below. This project is truly multidisciplinary and we will be sure to put your abilities to good use!

Engineering Team --

The design and engineering team will spend this quarter finalizing the design of the processor. Areas up for review include filtration, heating, optimizing secondary containment, and the wash process, though we are opened to improvements in all components of the design. We are seeking two or three students to help with these tasks. New members of the Engineering Team do not necessarily have to be engineers, but should be interested in taking ownership of specific parts of the technical elements of the process and engaging these

ideas. Working on this project is a great way to find out what designing in the real world is like!

Useful (but not required) skills: Solidworks, some design/construction experience, familiarity with materials or relevant biodiesel processes, MEs, MSEs, ChemEs, and Civils.

Logistics Team --

Learn about real world systems engineering from a logistical and operations perspective: this includes the legal requirements surrounding structures and chemicals, the permitting process, and a chance to liaise between multiple University departments. Logistics team members will be intimately involved with the progress of the project and will design the management systems for running an efficient, reliable, and safe biodiesel processing facility on campus. Helpful skills: diplomacy, charisma, and organization.

We are also interested in public communication and education initiatives associated with the project. If that excites you, let us know!

For additional information, contact:

Anna-Katrina Shedletsky, Lead Design Engineer akshed@stanford.edu

Jack Wang, Logistics Manager jtw@stanford.edu

9. CPUC Adopts Energy Efficiency Risk/Reward Incentive Mechanism

The California Public Utilities Commission has unanimously adopted an energy efficiency risk/reward incentive mechanism for the state's investor-owned utilities. Under the leadership of CPUC Commissioner Grueneich and Administrative Law Judge Gottstein, this critical new policy aligns the IOUs' incentives with customer interests, spurring the utilities to help their customers save energy, lower their bills, and reduce global warming pollution. The Commission's press release is online at: http://www.cpuc.ca.gov/PUBLISHED/NEWS_RELEASE/72994.htm.

10. Nat'l Academies Science and Technology Policy Graduate Fellowship Program

CHRISTINE MIRZAYAN SCIENCE AND TECHNOLOGY POLICY GRADUATE FELLOWSHIP PROGRAM, WASHINGTON, D.C.

This Graduate Fellowship Program of the National Academies-consisting of the National Academy of Sciences, National Academy of Engineering, Institute of Medicine, and National Research Council-is designed to

engage graduate science, engineering, medical, veterinary, business, public policy, and law students in the analytical process that informs the creation of national policy-making with a science/technology element. As a result, students develop basic skills essential to working in the world of science policy.

We are pleased to announce that applications are now being accepted for the 2008 sessions. The program will comprise three 10-week sessions:

Winter: January 7 through March 14

Summer: June 2 through August 8

Fall: September 8 through November 14

Graduate students and postdoctoral scholars and those who have completed graduate studies or postdoctoral research within the last 5 years are eligible to apply.

To apply, candidates should submit an application and request that a mentor/adviser fill out the online reference form. References can be received in advance of the application and are good for an indefinite period of time. Application materials as well as additional program information are available on the Web at <http://national-academies.org/policyfellows>.

The deadline for receipt of application material is November 1 for the winter program, March 1 for the summer program, and June 1 for the fall program. Candidates may apply to all three programs concurrently.

Questions should be directed to: policyfellows@nas.edu.

Below is a sampling of comments from alumni about the program's impact:

"This is an important career building opportunity for people interested in the scientific community outside academia. Even if you plan to pursue a traditional academic track, seeing science from a policy perspective is very enlightening. There is something valuable in this experience for first year grad students to recent PhD's. Come with an open mind and expect to learn more than you bargained for."

"This program will open your mind to a world rarely envisioned from the confines of laboratory bench work. I learned an immeasurable amount about the policy and politics behind science and after the fellowship opens your mind, it opens career doors."

"Just ten weeks in the S&T policy world in DC substantially broadened my perspective on how I can use my engineering background to positively impact our society. I return to graduate school recharged about the value of advanced education, and more confident about my decisions to pursue studies that blend the boundaries of engineering and the humanities. I feel like I have much new knowledge and understanding to

June 2007 we have over 55 active projects in Oregon, Washington, California, Colorado, Texas, Florida and New York. Our projects include some of the highest performance green buildings in the United States, including the first LEED Gold certified condominiums, the first LEED Gold certified US Courthouse, and the largest LEED-NC Platinum project yet certified. We provide excellent benefits including medical, dental, vision, disability, 401k and generous vacation and flex-time policy. In addition, we have a lot of fun. Check out our web site for more information: www.brightworks.net

12. Senior Manager, Technology Assessment Service, E Source, Boulder

The E Source Technology Assessment Service (TAS) provides research, information, and advisory support directed at utility personnel who are responsible for technology services, emerging technology, account management, program design and implementation of demand-side management, and other products and services that utilize or incorporate technology. This service is also directed at corporate energy managers who utilize this technology information for energy management and environmental decision-making as well as operations and maintenance procedures. This research focuses on stationary energy-consuming residential, commercial, and industrial technologies; emerging technologies; energy-efficiency and demand-response technologies; appliance efficiency standards; and the operation and maintenance of equipment.

Specifically, this job will provide full-time support and assistance in product management and delivery channels for TAS, as well as other duties as directed. This person will be responsible for member services and communication, customer account management, retention of business, product management including profit and loss responsibility, and ensuring customer satisfaction with E Source and the TAS subscriptions.

The position will be based in Boulder, Colorado and will require some travel (about 5 to 10 percent), public speaking at conferences and utilities, supporting research in technology, and assistance in responding to Member Inquiries in this topical area.

The duties include customer account management, product management, industry outreach and market development. More details are available at http://www.esource.com/public/job_opportunities.asp#300-09.

13. Senior Product Manager for PG&E ClimateSmart, S.F.

http://careers.pge.com/pljb/global_jsp/applicant/DisplayJob/JobDetails.jsp?display=1&pljbHome=/pge/external_careers/applicant/index.jsp&id=2481

PG&E is seeking a senior product manager for the ClimateSmart carbon neutral optional rate in our Customer Generation and Emerging Products department located in San Francisco, CA.

As a senior product manager at PG&E, you will be a valued member of our ClimateSmart team, providing strategic support and contributing to ClimateSmart's success. Your experience will include

leading cross-functional teams in the planning, execution, and analysis of relevant aspects of the business.

1. Work closely with the communications, marketing, and environmental policy managers for the program manager to reassess and ensure the marketing plan effectively positions ClimateSmart and that all facets of the product are working to support program goals.
2. Serve as an external ambassador for ClimateSmart with business leaders and community leaders in support of other members of PG&E (account management, government relations, environmental policy) as it relates to marketing ClimateSmart.
3. Coordinate with other product managers from PG&E's Customer Energy Efficiency programs to develop co-marketing opportunities; explore and pursue external 3rd party partnerships that align in accordance with overall ClimateSmart goals.
4. Lead a large-cross functional team (e.g. Communications, Marketing, Legal, Accounting, Government Relations, Regulatory Relations, Environmental Policy, Product Planning, Customer Insight, Service and Sales) to (1) coordinate with Marketing on refinement and continued implementation of ClimateSmart marketing plan; (2) coordinate with Marketing to ensure marketing efforts are in compliance with all applicable regulatory, accounting, legal, and corporate policies; (3) analyze monthly enrollment forecasts and reports on other key performance indicators; (4) conduct competitive analyses on ClimateSmart performance and customer analytics; (5) collaborate and manage development of marketing and communications materials for ClimateSmart; and (6) track and report cost/benefit per channel and readjust resource allocations accordingly

Essential/Required:

- * 7+ years experience (or 5 years + MBA) in product marketing, marketing program management, or management/strategy consulting
- * General knowledge of PG&E's customer base and our geographical uniqueness
- * Excellent written and oral communication skills
- * Strong prioritization, analytical, presentation, project management (from conception to completion) and planning skills
- * Demonstrated collaborative skills and ability to lead a team
- * Ability to work in a fast-paced and deadline-oriented environment
- * Self-motivated with critical attention to detail, deadlines, and reporting
- * Demonstrated capacity for developing and understanding strategy
- * Data literacy with the ability to employ and interpret data segmentation to effectively target customers
- * Bachelor's degree in marketing or statistics

14. Clean Energy Program Associate/Officer, Winrock Intl, Arlington, VA

Winrock International is accepting applications for the following positions in the Arlington VA office. The complete position descriptions are attached but can also be found on InSite. Applicants should submit resume and statement of interest to Human Resources by

the closing dates indicated. You may contact HR with any questions.

Program Associate - Clean Energy

The Program Associate will provide backstopping support to international clean energy projects and assist Winrock's efforts to improve the economic development prospects of rural populations, and increase contribution of clean energy to meet countries' energy needs through the development and financing of clean energy and energy efficiency projects.

Program Officer - Clean Energy

The Program Officer will provide technical and management assistance to international clean energy projects and assist Winrock's efforts to improve the economic development prospects of rural populations, and increase contribution of clean energy to meet countries' energy needs through the development and financing of clean energy and energy efficiency projects.

Program Associate / Clean Energy - Arlington, VA

Effective with the release of this position announcement, Winrock International is recruiting applicants for Program Associate for the Clean Energy Unit. The responsibilities, duties and qualifications are described in the attached position description.

GENERAL:

Winrock International is a nonprofit organization that works with people in the United States and around the world to increase economic opportunity, sustain natural resources, and protect the environment. Winrock matches innovative approaches in agriculture, natural resources management, clean energy, and leadership development with the unique needs of its partners. By linking local individuals and communities with new ideas and technology, Winrock is increasing long-term productivity, equity, and responsible resource management to benefit the poor and disadvantaged of the world.

Applicants should send current resume, cover letter, and relevant writing samples by October 5, 2007 to: jobs@winrock.org

15. Ausra (Solar thermal power plants): Senior Accountant, Dir of Accounting

Ausra, Inc. is developing large-scale solar thermal power plants that will provide electricity at market-competitive prices without carbon emissions. If you like a fast-paced, high-growth start-up environment, with talented people dedicated to building a great business that makes a difference, then you should consider Ausra.

The Senior Accountant would play an important role in building the accounting function. Reporting to

the VP of Finance, the Senior Accountant would join a small team responsible for developing the Company's accounting infrastructure and related policies, with particular initial focus on month end closing, consolidations of US and international subsidiaries, payroll, benefits, and payables functions. The position offers a great opportunity for advancement and promotion as the Company grows and the finance function matures.

ESSENTIAL DUTIES & RESPONSIBILITIES

- ... Development of month end procedures and completion of Corporate consolidation.
- ... Preparation of financial statements for review.
- ... Completion of balance sheet account reconciliations.
- ... Administers payroll and payable processing of corporate, Australian and other subsidiaries.
- ... Manage expense report processing and guidelines.
- ... Preparation of state sales tax, VAT, GST and personal property tax returns.
- ... Maintains fixed assets and depreciation.
- ... Administers employee stock option plan, including calculation of FAS 123R charges.
- ... Develops, institutes, and administers time tracking system for capitalizing project development costs and tracking paid time off.
- ... Preparation of audit lead schedules.
- ... Assists in selection and implementation of ERP package.

JOB QUALIFICATIONS

- ... Bachelor's Degree
- ... 7+ years experience
- ... Working knowledge of SOX 404 compliance
- ... Knowledge of FAS 123R and 401k plans is preferred.
- ... Experience with multiple companies and international operations are a plus.
- ... Experience in consolidations.
- ... Strong general accounting internal controls experience.
- ... Ability to multi-task in a fast-paced environment, detail-oriented with excellent organizational skills.
- ... Strong verbal and written communication skills.

The Director of Accounting would play a key role in building the accounting function. Reporting to the VP of Finance, the Director of Accounting would join a very small team responsible for developing the Company's financial statements and related accounting policies, implementing the finance module of an ERP package and establishing company procedures. The position offers a great opportunity for advancement and promotion as the Company grows and the finance function matures.

ESSENTIAL DUTIES & RESPONSIBILITIES

- ... Prepares consolidated financial statements for internal and external users.
- ... Ensures that all reporting is in compliance with SEC and GAAP reporting guidelines and supports the implementation of such standards.
- ... Leads the development of financial policies and procedures for the organization.
- ... Assists in the implementation of ERP system.
- ... First line management of relationship with the Company's external auditors.
- ... Researches accounting rules and regulations and makes recommendations regarding company policy.
- ... Provides assistance in evaluating accounting policy risks, reviewing agreements, participating in the

accounting disclosure process.

JOB QUALIFICATIONS

- ... Bachelor's Degree in Accounting or Finance
- ... CPA required, Big 4 experience preferred.
- ... 7+ years experience with SEC reporting, including MD&A and footnotes disclosures.
- ... Working knowledge of SOX 404 compliance
- ... Knowledge of FAS 133, FAS 144, FIN 46 and IFRS is preferred.
- ... Experience with project finance, international operations, multiple special purpose companies, utility/power projects, manufacturing or construction industry is a plus.
- ... Demonstrated experience in building and managing a team.
- ... Strong general accounting, financial reporting, internal controls experience.
- ... Ability to multi-task in a fast-paced environment, detail-oriented with excellent organizational skills.
- ... Strong verbal and written communication skills.

16. Air Quality Associate, ENVIRON,

ENVIRON International Corporation is a leading scientific environmental consulting firm providing a broad range of technical services to both public and private sector clients (see www.vironcorp.com). In 2006, ENVIRON was rated to be in the top 10 All Environmental Firms by the Engineering News Record.

ENVIRON is seeking candidates for an Air Quality Associate position. Duties of this position will include conducting air emissions calculations, data analysis, technical writing, rule interpretation, air dispersion modeling, and air pollution control equipment design.

- B.S./M.S. in Chemical, Mechanical, or Environmental Engineering
- 0 to 2 years of experience

Experience working with the Bay Area Air Quality Management District is desirable. Knowledge and experience in human health risk assessment is a plus.

Job Location: Emeryville, CA, US.

All resumes and questions will be processed through the website: <http://www.vironcorp.com/careers/>

17. City of Oakland engineering intern needed

The City of Oakland's Transportation Services Division (TSD) is seeking to fill a part-time Engineering Intern position in the Bicycle and Pedestrian Program. This unique internship will provide the

successful candidate an opportunity to practice and perfect the technical skills needed for a career in the growing field of bicycle transportation design and engineering. The intern will play an integral role in accomplishing the objectives of Oakland's recently updated Bicycle Master Plan and will work as a core member of the Bicycle and Pedestrian Program team, with support from other TSD engineers. AutoCAD skills and knowledge of basic civil engineering principles, practices and terminology are required.

Jennifer Stanley
Bicycle and Pedestrian Facilities Coordinator
City of Oakland, Community & Economic Development Agency, Transportation Services Division
250 Frank H. Ogawa Plaza, Suite 4344
Oakland, CA 94612
(510) 238-3983 | Fax: (510) 238-6412
<http://www.oaklandpw.com/bicycling>

18. Program Manager, Executive Director: Center for Resource Solutions, S.F.

The job is in the Presidio in San Francisco at the Center for Resource Solutions. They are also looking for a program manager as well and an executive director.

<http://www.resource-solutions.org/index.htm>

Applicants should send email to:
jobs@resource-solutions.org with the subject line: "Executive Director Application"

-----Inline Attachment Follows-----

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energyfolks mailing list
energyfolks@lists.stanford.edu
<https://mailman.stanford.edu/mailman/listinfo/energyfolks>