

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

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Speaking Out: A Comment on ACS Involvement with ISEF

In May 2001 at the Intel International Science and Engineering Fair (ISEF) in San Jose, I was a one-day Grand award judge. The Grand awards totaled over \$700,000 for all categories.

The standard judging forms were explained in the early morning. We viewed the science projects in the morning without the students present and later, I interviewed twelve students for 15 minutes each. (An interesting statistic is "about 70% of the students I interviewed were first-born or an only child, and 60% were left-handed.") The judging evaluation forms were turned in by 5 pm to be scored.

After dinner, the Chemistry judges met to finalize the ranking of the top

students. Intel provided cash awards for the winning scholars. With our work done, the judges moved to the San Jose Museum of Art for the welcomed wine and munchies reception.

At my own time and expense this year, I did what many other scientists have been doing for years: I was a special award judge at the national level ISEF in Lexington, KY for ACS. This level of ISEF had over 1100 student exhibitors. The Chair of the Louisville local section, Dr. Joan Semunic (another chemical patent attorney) chaired the ACS judging group. She was unable to get any ACS members from her local section to volunteer "from academia, industry nor government. Finally, at the last minute, she was able to "volunteer"

two ACS members from her company to assist her.

Our judging and the ranking of the 10 finalists were completed by 5 pm. Now came the surprise for me. National ACS, as it has done for many years, provided the following prizes for the best chemistry projects in the world: 1st-\$500, 2nd-\$300, 3rd-\$200, 4th-\$100 and the 5th to 10th Honorable Mentions - zero dollars. Each [Chemistry] winner also received an ACS t-shirt and a subscription to CHEM MATTERS.

I was embarrassed for ACS and was resolved to do something about it. Other US and foreign professional organizations can, and do, pony up thousands of dollars for scholarship awards for this "cream of the crop" science fair. It's a tough budget year for ACS, as it is for everyone else, but to this member's mind the largest scientific society is missing a huge opportunity to cultivate potential future chemists. The message is that the ACS is cheap.

A recent Comment by Dr. Ann Nalley in Chemical and Engineering News (May 20, 2002, p. 50) does a fine job of discussing ACS and K-12 education. I think we should add to the list of suggestions she makes by getting more K-12 students interested in chemistry with Carver Kidventions (see our earlier February newsletters on the Internet at www.scvacs.org for more information) nationwide; create an ACS program for Chemistry Science Fairs; and before inventing anything new, provide an increase the award prizes for ISEF and other existing science showcases.

The presidential electronic poll showed that the membership of ACS

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Dr. Roy Okuda of SJSU and Dr. Howard Peters, Palo Alto Chemical Patent Attorney confer during a break at ISEF Lexington, KY.

is foursquare behind the need for better public perception of chemistry. If you generalize that to greater need for science literacy, ACS is in a unique position to help address that need. To my mind, it is time for me (and you) to put my (our) time and money where mouth(s) is (are) concerning science and education. Science literate students and citizens are treasures. Don't forget. It is in our self-interest to do so. These same students will be voting about and paying our Social Security benefits in the very near future

Comments welcomed, contact H. Peters, peters4pa@aol.com.



Chair's Message

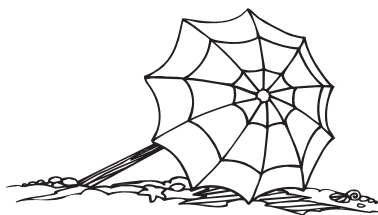
We have no dinner meetings in July or August. The next Executive Committee Meeting will be Thursday, August 8, 2002, 8:00 p.m. at Shirley Radding's residence (2994 Cottonwood Court, Santa Clara). If you are interested in attending, contact me for directions. Have a great summer!

Jon Touster
650-723-4340

touster@leland.stanford.edu

Editor's Corner

Summer is here and people take time for vacation - including myself. After my vacation, I was pressed for time in the lab and was not able to make reasonable contact with any technical divisions before press time. No technical division column this month - definitely look in next month's issue! Happy summer!



Patent Truths

1. Abraham Lincoln is our only U.S. president to receive a U.S. patent (# 6,469 on March 22, 1849). It pended for only about three months and drew on his experiences on a riverboat. The patent was for a device to lift and float flatboats on the Mississippi River that had landed on a sand bar. History indicates that he did not earn a penny or a five-dollar bill from his invention.
2. Some more obscure information about aluminum is that prior to Halls' invention in 1886, aluminum metal was more precious than gold or platinum. European royalty reserved their prized aluminum ware for very special guests. The top of the Washington Monument in Washington, DC is a four-foot pyramid of cast aluminum - the largest and most expensive block ever produced about 1880.
3. Arthur Vining Davis is not a familiar name to most people. On Thanksgiving Day in 1888, he and Charles Martin Hall poured the first commercial aluminum near Pittsburgh, PA using Hall's patented process (patent # 400,665). Davis was involved with ALCOA and other Pittsburgh companies for years. Shortly before he died at 95 in 1962, someone asked if he was the third wealthiest individual in America. He replied "the fifth" and walked away quickly. The Davis Foundation has sponsored many educational programs over the years, particularly on PBS. The Foundation was a main sponsor of Ken Burn's Civil War series about 5 years ago.
4. An urban legend around Pittsburgh, PA is when the infant aluminum industry was looking for venture funding they approached the local Mellon Bank. Judge Mellon sent son Andrew down to talk with these wild-eyed inventors. After several days Andrew Mellon reported back to his father that he had made an assessment. He said,

"They are asking for \$40,000 in funds and they should not get it. They really need \$400,000 to do it right." That is reportedly what ALCOA got, the Mellon family got another winner and the rest is history.
5. Alfred L. Hunt was an early engineer, investor and officer at ALCOA. His home (estate) in suburban Pittsburgh was an entire city block. Recently, it was sold for \$4,000,000 (in Pittsburgh dollars - that is a lot of money) to become the official residence of the President of Carnegie-Mellon University.
6. When Charles Martin Hall, the inventor of the aluminum reduction process, died of leukemia as a bachelor at 50 in 1914, about one-third of his \$30,000,000 fortune was left to his Alma Mater Oberlin College in Ohio. There is a statute of Hall on the campus - in aluminum, of course. The chemistry program at Oberlin flourished and, since then, four ACS presidents have been Oberlin undergraduates.
7. Oberlin College and a number of other Northern religious colleges in existence in the 1850's read the newly passed Fugitive Slave law and decided this was an unjust law. Students and faculty became part of the Underground Railroad to escort run-a-way slaves to Canada. Students at Oberlin once invaded the city jail to free a captured slave and sent him on his way. Wheaton College in Illinois has some fugitive slaves who died along the way still buried on the campus. Butler University in Indianapolis was founded in 1855 by an abolitionist. Geneva College (then in Northwood, Ohio, now in Beaver Falls, PA since 1880) was one of the "stations" on this Railroad.

Do you have any patent truths to share? Contact Howard Peters at peters4pa@aol.com

Chemistry Courses at SJSU

Want to pursue a Master's degree? Enhance your professional development? San Jose State University Chemistry Department welcomes working students into its Master's program. Take courses through Open University (show up in class the first day), Special Session, or enroll as a student in the graduate program. For further information call 924-5000 or visit our web site at www.chemistry.sjsu.edu

Fall 2002 (starts Aug. 26th)

Chem 218 **Organometallics** *Dr. Dan Straus*

M,W 600-715 pm

Duncan Hall 415

Chem 270 **Protein Folding & Stability** *Dr. Daryl Eggers*

T,R 600-715 pm

Duncan Hall 415

Spring 2003 (starts Jan. 22nd) classes include:

Chem 250 (Advanced Analytical Topics) and **Chem 262** (Kinetics).

THE FIRST ANNUAL STANFORD SUMMER BIOTECH CONFERENCE

July 25, 2002 Stanford University

Carl F. Braun Auditorium, Seeley Mudd Chemistry

Program Committee Professors James Swartz, Robert Waymouth
Stanford University Department of Chemistry and Chemical Engineering

INVITED SPEAKERS

Dr. Roy Whitfield, Incyte

Professor Eric Kool

Stanford University, Department of Chemistry

Dr. Pim Stemmer, Maxygen

Professor Chaitan Khosla, Stanford University

Department of Chemistry and Chemical Engineering

Professor James Swartz, Stanford University

Department of Chemical Engineering

Dr. Nils Lonberg, Medarex

Dr. Mike Arbige, Genencor

Dr. Mike Powell, Soffinova

POSTER SESSION

Outside Registrants, Students, Postdoctoral Fellows, and Faculty in Chemistry and Chemical Engineering

REGISTRATION INFORMATION, CONTACT:

Ms. Dewi M. Fernandez

Stanford University, Department of Chemistry

MUDD Building, M121, 333 Campus Drive,
Stanford, CA 94305-5080

Phone: (650) 723-4770

Fax: (650) 725-0259

Email: dewif@stanford.edu

CHEMPLOYMENT ABSTRACTS – JULY 2002

CHEMPLOYMENT ABSTRACTS 3672

Position Title: Senior Research Scientist Req. #RF1N329

Job Description: Direct & conduct method development & characterization efforts for both drug substances & drug products to ensure successful completion of IND, CTX, NDA & MAA submissions.

QUALIFICATIONS DESIRED

Education: PhD chem, analytical chem or pharm chem. with 4-8 yrs exp in pharm industry is desired. Will consider candidates with 0-3 yrs exp at nonNsU-supervisory level.

Experience: Ability to characterize solid-state properties of active ingredients is necessary. Development & validation of HPLC, GC & other analytical techniques is desired.

LOCATION, SALARY, MAIL ADDRESS

Description of Employer: Gilead Sciences is a biopharmaceutical company that discovers, develops & commercializes therapeutics to advance the care of patients suffering from life threatening diseases worldwide & has five marketed products & focuses its research & clinical programs on anti-infectives, including antivirals, antifungals and antibacterials. Headquartered in Foster City, CA, Gilead has operations in the United States, Europe and Australia.

Application Instructions:

Apply online today at www.gilead.com

CHEMPLOYMENT ABSTRACTS 3673

Position Title: Chemist

Job Description: Duties include some, or all of the following: quality control, coating formulation, especially with high resistance to constant water immersion, writing technical bulletins and mds's, coordination with sales on properties, merits and limitations of products.

QUALIFICATIONS DESIRED

Education: B.S. or M.S. in chemistry
Experience: 3 or more yrs in coating formulation or related experience.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Competitive, plus_401-K, health insurance, vacation, etc.
Description of Employer: Small aggressive company with reputation for quality world wide recognition, room to grow for the individual with initiative.

Application Instructions:

Send resume with experience, education to: Stanton@eurekafluidfilm.com

CHEMPLOYMENT ABSTRACTS 3674

Position Title: Director, cGMP Operations

Job Description: Establish policies/procedures & provide training & audits to ensure regulatory compliance. Responsibilities include supervising staff in conducting GMP file audits, document control, data archiving, equipment qualification, computer validation, documentation and training programs; ensuring quality aspects of lab information system & data acquisitions system development; & providing regulatory support & strategy in CMC filings, inquiries/requests from FDA or regulatory agency from abroad.

QUALIFICATIONS DESIRED

Education: BS or MS in Pharm, Chemistry or related field.
Experience: 10 yrs exp in GMP lab or in pharma industry. Extensive knowledge of GMPs within R&D environment, significant supervisory exp & ability to be team player are necessary.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View, CA
Description of Employer: ALZA, a member of the Johnson & Johnson family of companies.

Application Instructions: Please send resume, indicating Job Code 02-102, to ALZA Corporation, HR Dept., 1900 Charleston Road, PO Box 7210, Mountain View, CA 94039-7210; fax: (650) 564-5656; email: jobs@alza.com (ASCII files only)
Job Hotline: (650) 564-5319

CHEMPLOYMENT ABSTRACT 3675

Position title: Chemist II/III/Senior

Job Description: Provide anal method development & validation in support of protein/peptide formulation res & prod development, including performing HPLC, in vitro release rate assay, CE, Peptide mapping, SDS PAGE, IEF, & other protein characterization techniques. Conduct anal, summarize expt results & present findings.

QUALIFICATIONS DESIRED

Education: BS Chem, Biochem
Experience: Hands-on anal pharm exp (2-6 yrs) including HPLC, CE, SDS-PAGE, IEF, & protein/peptide analysis & characterization exp. Familiar with computerized data acquisition systems, GMP environment operations, & applications including major scientific charting software is necessary.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View, CA
Description of Employer: ALZA, a member of the Johnson & Johnson family of companies, is focused on developing products with enhanced therapeutic value based on our innovative drug delivery technologies.

Application Instructions: Send resume, showing Job Code 02-090, to ALZA Corporation, HR Dept., 1900 Charleston Road, PO Box 7210 Mountain View, CA 94039-7210
fax: (650) 564-5656; email: jobs@alza.com (ASCII files only); Job Hotline: (650) 564-5319.
ALZA is proud to be an EOE.

CHEMPLOYMENT ABSTRACTS 3676

Position Title: Senior Medicinal Chemist/Scientist

Job Description: Responsible for design, synthesis & evaluation of small molecule drug candidates for biological assays in treatment of cancer, cardiovascular & immunological diseases and/or other related technologies. Will support R&D of lead candidates for IND/NDA submissions.

QUALIFICATIONS DESIRED

Education: PhD org/medicinal/ synthetic chemistry
Experience: 2-5 yrs pharmaceutical exp & strong written/verbal communication skills. Must also have a high level of knowledge in syn org methodology & reaction mechanisms (e.g. pyrrolic-type macrocycles, peptide synthesis, carbohydrates, etc.) & thorough familiarity with scientific literature. (Job # SJ0519-SMC)

LOCATION, SALARY, MAIL ADDRESS

Location: Sunnyvale
Salary: Attractive salary & benefits & stock options
Description of Employer: To learn more about us, visit www.pharmcyclics.com

Application Instructions:

Send resume to: Pharmcyclics, Inc., HR
Attn: Job #SJ0519-SMC
995 E. Arques Avenue
Sunnyvale, CA 94086
FAX: 408-774-0340
Email: hr@pharmcyclics.com

CHEMPLOYMENT ABSTRACTS 3677

Position Title: Scientist, Analytical Chemistry

Job Description: General oversight, operation & maintenance of analytical chemistry lab w/supporting personnel. Analyze & release raw materials, intermediates & finished goods in support of ISO 9001:2000 certified chemical production. Provide method development & analytical service support of R&D. Maintenance of document & inventory control systems. Supervise finished goods packaging operations.

QUALIFICATIONS DESIRED:

Education: Min BS Chemistry
Experience: 4+ yrs hands-on exp in operation & maintenance of analytical instrumentation in a manufacturing quality control environment. Strong computer skills required. Supervisory exp preferred.

LOCATION, SALARY, MAIL ADDRESS:

Location: Foster City
Salary: Competitive salary benefits package
Application Instructions: Submit resume to: hrinfo@argotech.com
Argonaut Technologies, Inc.
Attention: Human Resources
101 Chess Drive
Foster City, CA 94404
<http://www.argotech.com>

CHEMPLOYMENT ABSTRACT 3678

Position Title: Sr. Research Associate, Exploratory Research

Job Description: Assist with design & execution of in vivo expts (i.e., growth delay assay) as well as in vitro expts including tissue culture, biol assays. Exp with animal handling (general care, dosing, surgery) a plus. Perform in vivo expts (dosing, & growth delay assay). Perform in vitro assays (measuring cell viability, clonogenic survival). Establish & maintain of mammalian cell lines (tissue culture). Radioactive contamination monitoring & associated record keeping.

QUALIFICATIONS DESIRED

Education: B.S or M.S. in Biol, Biochem, or related areas.
Experience: 2 yrs of exp in performing tissue culture work & animal handling. Exp is a must, but with sufficient aptitude it is not required. However, to handle small rodents must not have allergies to animals.

LOCATION, SALARY, MAIL ADDRESS

Location: Sunnyvale
Salary: Attractive salary, benefits & stock options
Application Instructions: Send resume to: Pharmcyclics, Inc. Attn: HR
995 E. Arques Avenue
Sunnyvale, CA 9408
Research Associate, 94086
FAX: 408-774-0340
Email: hr@pcyc.com

CHEMPLOYMENT ABSTRACT 3679

Position Title: Research Associate, Exploratory Research

Job Description: Responsible for performing syn & characterization of new chem entities, such as metallo-tetraphyrins & other porphyrin-like macrocyclic drug candidates for treatment of cancer & cardio-vascular diseases, & other biomedical applications/technol. Primary assignments will involve design & syn new chem entities for drug lead discovery, prep of key syn intermediates. Make detailed observations, analyze & interpret data with little guidance. Exercise judgement within broadly defined assignments in selecting methods, techniques & evaluation criteria for obtaining results.

QUALIFICATIONS DESIRED

Education: B.S. and/or M.S. in Chem
Experience: 1-5 yrs acad or industrial exp in syn res &/or development environment.

LOCATION, SALARY, MAIL ADDRESS

Location: Sunnyvale
Salary: attractive salaries, benefits and generous stock options.

Application Instructions:

Send resumes to: PHARMACYCLICS, INC., HR. Attn:
995 E. Arques Avenue,
Sunnyvale, CA 94086;
FAX: (408) 774-0340;
email: hr@pcyc.com,
www.pharmcyclics.com.

CHEMPLOYMENT ABSTRACTS 3680

Position Title: Associate Chemist

Job Description: Synthesis of new organic cpds to be evaluated as antimicrobial agents.

QUALIFICATIONS DESIRED

Education: BS/BS or MS/MA org
Experience: At least 1 yr of independent research exp in org synthesis is required. A record of publication is desirable. Should also possess excellent communication skills & should have the ability to work both independently & as part of a multidisciplinary team.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View
Salary: Competitive salary & benefits
Description of Employer: Innovative Bay Area pharmaceutical company discovering new anti-infective agents.

Application Instructions:

Send resume to: Human Resources
Attn: Job Code 808-MCA
Essential Therapeutics
850 Maude Avenue
Mountain View, CA 94043
FAX: 650-526-3034

CHEMPLOYMENT ABSTRACTS 3681

Position Title: Analytical Chemist

Job Description: Leader & key team member with work exp in methods development, GC/MS for fragrance analysis, broad skills in operation & interpretation of other analytical techniques, instrument maintenance & repair, as well as data management.

QUALIFICATIONS DESIRED

Education: BS/MS, chem, biochem
Experience: Min. 3 yrs analytical lab exp. Exp with GC/MS instrumentation & methods development; ESI exp with instrumentation a plus, exp in modern analytical techniques. Excellent oral & written communication & strong problem solving skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Sonoma
Salary: Competitive salary & benefits
Description of Employer: Industry leader in metrics for fine winemaking

Application Instructions:

Send resume & salary to: Human Resources
FAX: 707-935-3299
Email: info@enologix.com

CHEMPLOYMENT ABSTRACTS 3682

Position Title: Analytical Chemist

Job Description: Maintain instrumentation & serve as resource person with expertise in analytical HPLC, LC/MS, NMR & IR. Run & prioritize routine analytical samples. Develop HPLC & LC/MS methods calibration & quantitation.

QUALIFICATIONS DESIRED

Education: MS/PhD
Experience: Significant hands-on exp (7+ yrs) with MS or NMR instrumentation.

LOCATION, SALARY, MAIL ADDRESS

Location: Burlingame
Description of Employer: We are a well-funded start-up company dedicated to the development of novel microscopic materials. Our continued technical progress has created outstanding opportunities suited for creative people.

Application Instructions:

Send resume & cover letter to: Covalent
Human Resource Department
330 Beach Road
Burlingame, CA 94010
FAX: 650-227-7701
Email: resume@covalent.to

CHEMPLOYMENT ABSTRACTS 3683

Position Title: Research Associate Scale-Up Chemist

Job Description: Experience in organic chem transformations, separations & characterization techniques.

QUALIFICATIONS DESIRED

Education: BS/MS chem
Experience: 1-5 yrs exp in scale-up org synthesis is desirable but not required.

LOCATION, SALARY, MAIL ADDRESS

Location: Burlingame
Description of Employer: We are a well-funded start-up company dedicated to the development of novel microscopic materials. Our continued technical progress has created outstanding opportunities suited for creative people.

Application Instructions:

Send resume & cover letter to: Covalent
Human Resource Department
330 Beach Road
Burlingame, CA 94010
FAX: 650-227-7701
Email: resume@covalent.to

CHEMPLOYMENT ABSTRACTS 2684

Position Title: Staff Scientist, Chemical Development

Job Description: Prep of preclinical drug candidates, & will be involved in developing & optimizing protocols amenable to large-scale synthesis.

QUALIFICATIONS DESIRED

Education: PhD synthetic org chem
Experience: Min 2 yrs post-doctoral exp & preferably industrial exp in chem development/process chem. Excellent oral & written communication skills & ability to work in fast-paced, multi-disciplinary team is essential

LOCATION, SALARY, MAIL ADDRESS

Location: Santa Clara
Description of Employer: Xenoport, Inc. is an early stage biopharmaceutical company that is a leader in development & application of new technologies to enhance the bioavailability of drugs.

Application Instructions: Send resume with Job Code 1605SR to:

Email: jobs@xenoport.com

or:

Xenoport
Human Resources
3410 Central Expressway
Santa Clara, CA 95051

CHEMPLOYMENT ABSTRACTS 2685

Position Title: Analytical Chemist

Job Description: Provide analytical Support to a novel, but growing industrial hygiene analytical lab. Perform analyses of samples collected on air filters & assist in validating & developing sensitive analytical methods for measuring pharmaceutical compounds & intermediates; conduct lab instrumentation calibration & maintenance as needed.

QUALIFICATIONS DESIRED

Education: MS/BS chem
Experience: 1-5 yrs exp in analytical lab with HPLC. Radioimmunoassay use & methods development & validation preferred. Entrepreneurial spirit a plus & strong computer skills are highly desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View
Salary: Competitive salary & benefits
Description of Employer: Environmental/occupation health & safety consulting firm

Application Instructions: Send resume to:
SafeBridge Consultants, Inc.
c/o Job Opportunities
1924 Old Middlefield Way
Mountain View, CA 94040
or visit our website at www.safebridge.com & apply online.

CHEMPLOYMENT ABSTRACTS 3686

Position Title: Lecturer

Job Description: Part-time University teaching position in chemistry for Fall and/or Spring semesters.

QUALIFICATIONS DESIRED

Education: PhD Preferred
Experience: Inorganic, General, Physical, or biochemistry background. Teaching exp highly preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: San Jose State University
Salary: Dependent upon education level & experience
Description of Employer: EE/AA Employer. Women & minorities encouraged to apply.

Application Instructions: Send Curriculum Vitae to:
Department of Chemistry
San Jose State University
San Jose, CA 95192-0101

CHEMPLOYMENT ABSTRACTS 3687

Position Title: Research Chemist

Job Description: Assist professional staff in developing & evaluating analytical methods, including immunochemical methods for environmental contaminants.

QUALIFICATIONS DESIRED

Education: BS or higher
Experience: 5 yrs exp. Exp in analytical methods development for pesticides & environmental contaminants essential. Knowledge of immunochemical methods & org chem desirable. Must be age 55+.

LOCATION, SALARY, MAIL ADDRESS

Location: University of Nevada, Las Vegas
Description of Employer: The National Association for Hispanic Elderly Senior Environmental Employment Program at University of Nevada, Las Vegas.

Application Instructions: Send resume to:

Marianne Carpenter
NAHE Project Coordinator
P.O. Box 93478
Las Vegas, NV 89153-3478
FAX: 702-798-2510

CHEMPLOYMENT ABSTRACTS 3688

Position Title: Laboratory Technician

Job Description: Assist a professional staff in developing & evaluating analytical methods, including immunochemical methods for environmental contaminants.

QUALIFICATIONS DESIRED

Education: No degree necessary
Experience: 5 yrs exp. Exp in analytical methods development for pesticides & environmental contaminants essential. Knowledge of immunochemical methods & org chem desirable. Must be age 55+.

LOCATION, SALARY, MAIL ADDRESS

Location: University of Nevada, Las Vegas
Description of Employer: The National Association for Hispanic Elderly Senior Environmental Employment Program at University of Nevada, Las Vegas.

Application Instructions:

Send resume to:
Marianne Carpenter
NAHE Project Coordinator
P.O. Box 93478
Las Vegas, NV 89153-3478
FAX: 702-798-2510

CHEMPLOYMENT ABSTRACT 3689

Position Title: Research Scientist/Polymer Chemist

Job Description: Responsible for the synthesis and development of processes used for the manufacturing of electro and photoactive polymeric materials.

QUALIFICATION DESIRED

Education: PhD in Organic/Polymer Chemistry
Experience: At least 3-5 years of hands-on bench synthesis experience, extensive experience with the synthesis and processing of passive and active polymer systems.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont
Salary: Competitive salary and benefits
Description of Employer: Developing a new generation of all-optical components.

Application Instructions: Send resume to:

UltraPhotonics, HR
48611 Warm Springs Blvd
Fremont, CA 94538
Fax: 510-683-4661
Email: jobs@ultraphotonics.com
www.ultraphotonics.com

CHEMPLOYMENT ABSTRACT 3690

Position Title: Analytical Chemistry - Inside Sales

Job Description: Argonaut Technologies, Inc. is seeking an Inside Sales Representative to be responsible for the direct sales of analytical chemistry consumable products via the telephone. Using your expertise in chemistry, you will explain products, answer questions and qualify leads generated by customers, trade shows, direct mail, publications, web and press releases. You'll collaborate with field sales to develop/grow new and established accounts and coordinate quarterly customer visits. You'll assist & participate in regional seminars/tradeshows.

QUALIFICATION DESIRED

Education: BS degree in a scientific or related discipline
Experience: 1-3 yrs exp in analytical chemistry, preferable with SPE (solid phase extraction) and HPLC experience. Prior telemarketing or sales experience required. Must have excellent communication/telephone skills and ability to effectively use MS Office (PC) & database software.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City, CA
http://www.argotech.com
Salary: Competitive salary & benefits package

Application Instructions: Submit resume to:

hrinfo@argotech.com
Argonaut Technologies, Inc. Attn: Human Resources
1101 Chess Drive, Foster City, CA 94404

CHEMPLOYMENT ABSTRACT 3691

Position Title: Scientist (Req.#BF2f208)

Job Description: Support ADME studies of preclinical drug candidates. Responsible for developing & conducting LC/MS/MS assays for samples from biol matrices (plasma, tissues & excreta) & from in vitro metabolism studies; identifying metabolites using MS; operating & maintaining LCMS systems; and organizing and documenting bioanalytical data & reports.

QUALIFICATION DESIRED

Education: MS degree + 2+ yrs exp or PhD with less than 2 yrs exp.
Experience: Should be skilled in LC/MS/MS analysis of small molecules in biological samples & be experienced in biol sample prep techniques. Must be a team player & be able to think critically with strong attention to details. The candidate should be highly motivated & be capable of working independently.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City, CA
Description of Employer: Gilead Sciences is a biopharmaceutical company that discovers, develops & commercializes therapeutics to advance the care of patients suffering from life threatening diseases worldwide.

Application Instructions:
Apply online today at www.gilead.com

**Have
a Nice
Summer!**

**EMPLOYMENT HELP
IN OTHER AREAS
OF CALIFORNIA**

The following are names and addresses of contacts in other California Sections. You may write to them or call to find out how to receive their job listings or how to place a job listing with them. Do not send self-addressed envelopes unless requested to do so.

California Section

Mrs. Nancy Gephart
American Chemical Society
California Section
49 Quail Court
Walnut Creek, CA 94596
925-287-8055
e-mail: office@calacs.org

California Los Padres Section

Dr. Sandra Lamb
Chemistry Dept.
University of California,
Santa Barbara
Santa Barbara, CA 93106-9510
e-mail: lamb@chem.ucsb.edu

Mojave Desert Section

Dr. Peter Zarras
NAWCWD, Code 4T4220D
1 Administration Circle
China Lake, CA 93555
760-939-1396
e-mail: zarrasp@navair.navy.mil

Orange County Section

Geoff Anderson
Hycor Biomedical
78272 Chapman Avenue
Garden Grove, CA 92641
714-895-9558
Ron Denedour
23731 Coronel Drive
Mission Viejo, CA 92691-3306

Sacramento Section

John R. Bingham
809 W. Stadium Lane
Sacramento, CA 95209
916-927-7088
916-927-7006 FAX

San Diego Section

Renate Valois
619-260-4513
619-260-2211 FAX
e-mail: pascal@acusd.edu

San Geronio Section

Valerie Barrett
Sunkist Growers
e-mail:
vbarrett@sunkistgrowers.com

Southern California Section

Send a self-addressed, 55 cent stamped business envelope to:
ACS job listing
14934 South Figueroa Street
Gardena, CA 90248
310-327-1216
e-mail: office@scalacs.org
www.scalacs.org/employ.html



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AMERICAN CHEMICAL SOCIETY
P.O. Box 395, Palo Alto, CA 94302**

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JULY 2002 NEWSLETTER TOPICS:

Speaking Out: A Comment on ACS Involvement with ISEF
Chair's Message

Editor's Corner
Patent Truths

CHEMPLOYMENT ABSTRACTS

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<http://www.scvacs.org>

To subscribe to the newsletter group: To receive emails when newsletters are published on the web site, send an email to scvacs-newsletter-subscribe@yahoogroups.com.

SANTA CLARA VALLEY SECTION

2002 Section Officers

Chair: Jon Touster	650-723-4340	touster@leland.stanford.edu
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FUTURE MEETINGS

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| Jul 6-15 | International Chemistry Olympiad
Groningen, the Netherlands |
| Aug 8 | Executive Committee Meeting |
| Aug 18-22 | ACS 224th National Meeting
Boston, MA |
| Sep 26 | SVC Dinner Meeting
<i>Dr. Hongjie Dao</i>
Stanford University |
| Sep 22-25 | Combinatorial Chemistry
Leesburg, VA |
| Oct 19 | Outstanding Western Regional High School Award
San Jose State University |
| Nov 12-13 | 5th Symposium on Groundwater Contaminants
Groundwater Resources Association of California
Fresno, CA |

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