

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 21 No. 10

“INVENTORS - MAKE A DIFFERENCE - DAY”

A Free Public Event for Children and Adults as part of the National Make a Difference Day

The newly renovated Intel Museum will open for the special event: "Inventors - Make a Difference - Day" on Saturday, October 23. This first-of-its-kind event will include self guided tours of the high tech Museum. Featured are speakers, posters of inventors, patents, small exhibits, and a video about inventors showing the importance of invention and innovation in our everyday life and in the Silicon Valley. The posters and exhibits will show in many cases the simplicity of invention. Several local inventors have been invited to speak briefly about their inventions and the creative process.

The exhibits will include:

1. National Inventors Hall of Fame

Seven or more posters describing the patents and contributions of the women and minorities who have been inducted into the National Inventors Hall of Fame. (Now of Akron, OH) (www.invent.org)

2. Local Important Inventions

Five or more posters with patents describing local important inventions, gene-splicing (i.e. biotechnology) at Stanford University, the integrated circuit (now INTEL), early radio (now RCA), specialty wire and cable at RayChem Corporation of Menlo Park, the computer mouse at SRI International.

3. You don't need to be a rocket scientist to be an inventor.

Seven or more posters including, for example, the Kush Ball for Campbell, the MONOPOLY board game (patented in 1935), the Pet Rock, the Frizbee, the Aerobee at Stanford University, hot sleeves for Starbuck's Coffee cups, Caps for Starbuck's Coffee cups, McDonald's French Fry Sleeves, etc.

4. Sweet things (Inventions and Innovations About Desserts, Sugar and Chocolate)

Three or more posters including Death by Chocolate and other reference books, Milton Hershey and his one patent, Norbert Rillieux, sugar chemist and inventor, African-American New Orleans cousin of painter Edgar Degas, the Eskimo Pie (1923), See's Chocolates,

When:

SATURDAY, October 23, 1999
10:00 am to 5:00 pm

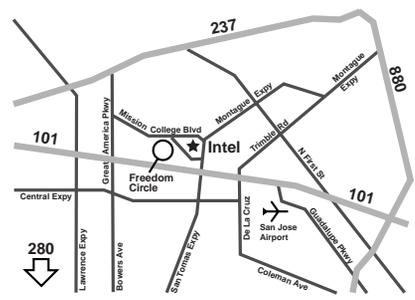
Where:

INTEL MUSEUM
2200 Mission College Parkway
Santa Clara, CA 95052-3119
Telephone: 408-765-0503
www.intel.com/go/museum

Primary Sponsors:

INTEL Museum;
INTEL Corporation;
Santa Clara Valley Section
of the National American
Chemical Society

Light Refreshments Included



MONOPOLY
Patent Drawing

MONOPOLY Board Patent Drawing

and Ghiradelli Chocolate. (Candy Patents, Trademarks and Copyrights)

5. General Information of Interest about Inventors and Inventions

Abraham Lincoln's patent - the only Presidential patent, a trademark quiz for adults, African American inventors' books and magazines about inventors and inventions.

6. Minority Inventors in America (Optional) (Every 30 minutes)

A black and white video from the U.S. Patent and Trademark Office

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Chairman's Message

I hope everyone had a good summer and now we are back and ready to work. Presently, we have several projects we are working on. Some of these projects need your help by volunteering part of your time. Others will provide you with assistance if needed and information that keeps you up-to-date on important events and policies.

The National Chemistry Week is approaching fast. I am so grateful to those who already stepped forward and volunteered to assist. But, we can use the help of everyone. One of the ways you can help is by asking the mayor of your city to present us with a declaration for that week. We need to coordinate this effort. Please, if you are willing to work on such a task contact me by phone, fax or email. We want to be sure that no more than one request is submitted and if a text for such a proclamation is needed, we will be glad to provide such a text. Also, this year, since it is the International Chemistry Celebration with the theme of Polymers and Colors, we are planning to have posters colored by students between the grades of K and second and post the work of these fledgling Picassos on busses and public

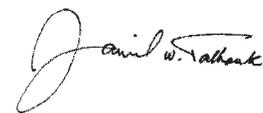
places. We would appreciate your assistance if you would like to involve your elementary school. Please contact me with a request for the number of posters that you may need.

On a different subject, the ACS is urging us, the members, to be involved with our government officials. You may remember the trip to Sacramento on April 27th of this year and our meetings with our state representatives. Now OLGA (Office of Legislative and Government Affairs) at the Washington office is asking all members to take part in sending our collective message to our elected leaders. If you would like to be involved, or you know how you can help, please either contact OLGA directly (you can find information on OLGA on www.acs.com) or send me a line (esp@value.net) and I will put you in touch with the key personnel at the national office.

The other subject I would like to re-address with you this month is Career Development. I am the Santa Clara Valley Section Career Coordinator. We will have a link on our web page dealing with careers. Since our section and the California section cover the same job market, we had a meeting with the representatives of our neighboring section and discussed the opportunity

to unify our efforts to best serve the membership of both sections. Some of the programs we are seeking to implement are to compile and keep a list of the area employers who hire chemists, conduct career workshops, make literature available and put you in contact with the national office dealing with careers.

Finally, by now you must have received your ballot for this year's election. Please take the time to mark it and return it. Your vote is an important part of participation and assisting your local section.



CALL FOR VOLUNTEERS

The first annual Dr. George Washington Carver Science Fair will be held on January 5th, 2000 at the Santa Clara Convention Center. This event is sponsored by the Santa Clara County Alliance of Black Educators and the Healing Institute. The SCVACS Section is participating by providing volunteer coaches, mentors, and e-mail mentors. We will also provide judges during the January 5th activities. In addition to chemists and chemical engineers, we especially need people with backgrounds in biochemistry, biotechnology, biology, botany, zoology, and the life sciences.

Coaches and mentors are needed immediately. Please call ASAP for more information, Dr. Howard Peters, Chair, Minority Affairs Committee at 650-324-1677 ext. 20 or e-mail peters4pa@aol.com.



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narrated by actor Ozzie Davis describing the important historical inventions of African-American Inventors.

These and similar posters have been displayed many times at some local public schools, at a local restaurant, on local public transit busses in San Mateo County, and at local, regional, and national meetings of the ACS.

Howard and Sally Peters, husband-and-wife chemists, are the local organizers from the Santa Clara

Valley Section of the ACS.

ACS gratefully acknowledges the assistance and support of the ACS Division of Chemistry and the Law, Committee on Patents and Committee on Minority Affairs, the Healing Institute of Mountain View, California, Alliance of Santa Clara County Black Educators, Peters, Verny, Jones & Biksa, LLP (Palo Alto), Silicon Valley Intellectual Property Law Association, and the U.S. Patent and Trademark Office.

ACS - SCV Section Minority Affairs Activities

For the past three years, Howard Peters, the chair of the SCV Section Committee on Minority Affairs, has been working closely with local advocacy groups to advance the recognition of the many achievements of Dr. George Washington Carver, the famous African-American agricultural (peanut) chemist. In 1997, partly as a result of these cooperative efforts, California became the 10th state to create a Carver Recognition Day each January 5. In December the National Alliance of State Legislatures will vote to put January 5th on the Memorial Calendar, whereby all States will acknowledge January 5th as Carver Recognition Day.

Last May the first 100 SC County Carver Scholars were identified and recognized for grades 3-12. This event was organized through the cooperative effort of The Healing Institute, Debra Watkins (the 1999 President of the Santa Clara County Alliance of Black Educators), and the ACS. On June 6, in a special program at the San Jose TECH museum, INTEL graciously hosted the Alliance of Black Educators, the Healing Institute, and the ACS for the first local Carver Scholar Award presentation. INTEL also presented a \$100,000 check to the Carver Scholars. These funds will be use to

advance the K-12 science education of minority students in the Silicon Valley on an ongoing basis.

Microsoft donated \$105k in software to the Healing Institute for the 130 laptops that were distributed to our Scholars. Our Scholars were also the first group to work help hand in hand with Intel engineers and Intel's IT Department to rebuild the laptops.

The Carver Scholars Program sponsors have recently received recognition for their outstanding efforts. On September 18, 1999, the Healing Institute received the Innovators Award as one of the best private, public partnership programs in the country. This honor was bestowed by the Educational Think Tank in collaboration with the Congressional Black Caucus at their Educational Brain Trust

Symposium.

Additional upcoming CARVER advancement activities include the following:

A special exhibit is planned concerning local inventions and inventors on "Make a Difference Day" October 23, 1999.

A Carver Science Fair is scheduled for the next Carver Recognition Day at the Santa Clara Convention Center on June 5, 2000, and a Carver "Kidvention" event for 3rd and 4th graders is presently scheduled for San Francisco at the Moscone Center on March 25, 2000.

The national ACS meeting (about 15,000 chemists) is scheduled in San Francisco on March 26-30, 2000. The U.S. Commissioner of Patents and Trademarks has accepted an invitation and will attend the national ACS meeting.



Left to right: Halim Mustafa, founder of the Healing Institute of Mt. View; Rasheed Salaam, Vice President and Board Member of the Healing Institute; Dr. Howard Peters, SCV-ACS; Lionel Harris, 1999 Santa Clara County Carver Scholar; Herman Miller, Healing Institute Board Member (at Sun Microsystems); Ms. Julie Dunkle, the manager for the Intel K-12 education program



Shirley B. Radding

2994 Cottonwood Court
Santa Clara, CA 95051-6111

408-246-2564

Fax: 408-296-8625
e-mail: sradding@att.net

LITERATURE SEARCHES



Notes from the 218th National ACS Meeting

Four councilors and two alternate councilors representing the Santa Clara Valley section attended the National Meeting in New Orleans. They also spent several days working on committees of the National Society. Bonnie Charpentier served on the Nominations and Elections Committee, Sally Peters on the Meetings and Expositions Committee, Herb Silber on the Committee on Committees, and Carol Moser on Membership Affairs. Peter Rusch and Jamil Talhouk were active as Alternate Councilors.

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ACS Begins Broadcast E-mail Program

The text below is an example of an e-mail broadcast from ACS National. Members are encouraged to send mail to executive_director@acs.org if they would like to be included on the e-mail list. The American Physical Society broadcasts a similar, very successful, newsletter. For information write to whatsnew@aps.org.

This message from the American Chemical Society contains the following sections:

1. Federal R&D Support is at Risk
2. Write your Members of Congress regarding Federal Support for R&D
3. Join the ACS Legislative Action Network
4. ACS needs your Feedback on Member Communications using Broadcast E-mail

1. Federal R&D Support is at Risk

The outlook for federal support of R&D in the FY 2000 budget is grave. Congress is about to make final decisions on how to allocate the limited amount of money it can spend. During the next several weeks, Congress will direct its spending toward areas that its constituents indicate are most important. Legislators generally recognize that there is a federal role in R&D funding, but R&D is not currently a priority. Congress and the White House frequently point out that scientists and engineers, as constituents, do not let their legislators know the value of this funding to the nation. Consistent with the Society's congressional charter, the democratic process, and current law, Congress encourages ACS and its members to express their views and lend their expertise on policy matters related to the chemical enterprise.

2. Write your Members of Congress

The ACS is committed to securing strong federal support for R&D. During the next two weeks, we need your participation as citizen-scientists and -engineers to send this important message to your members of Congress: Federal support for R&D is a critical investment in our nation's future. To identify your legislators, customize a pre-drafted message, and send an e-mail to your members of Congress, simply link to a new feature on the ACS web site <http://legislators.com/chemical/>.

3. Join the ACS Legislative Action Network

ACS encourages you to join the many members who receive timely alerts and communicate regularly with their elected officials through our Legislative Action Network. You can sign up on the web at <http://www.acs.org/government/gcy/networks.html>. We hope to work with you on public policy matters of importance to the chemical enterprise in the future.

4. Feedback on ACS using Broadcast E-mail

ACS continually seeks ways to provide better and more cost-effective services to members. In an experiment to communicate with the ACS membership using broadcast e-mail, we have used the e-mail address that you provided the Society through your membership renewal notice. Your feedback as to whether ACS should continue exploring this communication option would be appreciated greatly. Please reply to this message with your comments. If you prefer not to receive any further ACS communications via broadcast e-mail, please reply to this message with the word "UNSUBSCRIBE" in the subject line. We thank you for your consideration of this call to action.

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Highlights of the meeting:

Howard Peters, a Councilor from the Chemistry and the Law Division, was elected to the Council Policy Committee. Congratulations, Howard! Lots of important work coming up.

As announced on Wednesday morning, there were 9,700 people registered for the meeting, 236 exhibitors registered for the Exposition and a total attendance of 11,734.

In the National Employment Clearing House, 964 job seekers had registered, and 140 employers were interviewing, on-site, for about 400 positions to be filled.

Professional Liability Insurance for Chemical Professionals in Consulting is now available to ACS members. For information, visit www.acs.org/insurance or call the plan administrator at Bradley and Parker at (800) 445-3393.

The following actions were taken by vote of council:

1. The name of the Committee on Nomenclature was changed to Committee on Nomenclature, Terminology and Symbols.
2. To keep equitable member populations in the six regions of the ACS, as mandated by national Bylaw V, 20 local sections were transferred from our western Region VI to Region V.

3. In recent years, the national meetings have been operating with a deficit, growing each year. One of the proposed changes involves a gradual increase in the registration fees of attendees at the meetings. Since there are a number of categories of registrants, the increase will vary from \$5 to \$10 each year until 2003. The council passed this recommendation, after a prolonged, vigorous discussion and after an amendment that the level of fees for the pre-college teachers be kept equal to that of graduate student members.

The 219th National meeting will be held in San Francisco March 26-30, 2000.

CHEMPLOYMENT ABSTRACTS – OCTOBER 1999

CHEMPLOYMENT ABSTRACTS 3221

Position Title: Research Associate - Product Dev

Job Description: Carry out lab & related responsibilities in formuln & prod development, including prep or modifying new formulns for various projs. Evaluate formulations including phys & chem stability. Help in selecting formulations for further testing and to help scale-up formulations from lab batch to prodn size. Write drafts of protocols & SOPs, repts summarizing formulation development work. Coordinate & support tasks on supply of test mats for clinical & toxicol studies, in-house manufgr, packaging & labeling, with written protocols & batch cards. Conform to GMP/GLP as required.

QUALIFICATIONS DESIRED

Education: BS chemistry or related field
Experience: Strong communication, documentatn & problem solving skills, attn to detail & ability to work in a team-oriented environ. Basic computer skill needed. Use of spreadsheets and word process software is desired.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City
Description of Employer: Skin care products

Application Instructions:
Human Resources (PD/RA 8-99)
Bertek Pharmaceuticals R&D Div
320 Lakeside Drive
Foster City, CA 94404

CHEMPLOYMENT ABSTRACTS 3222

Position Title: Research Scientist

Job Description: Responsibilities will include analytical method development, assay validation, impurity identification & troubleshooting

QUALIFICATIONS DESIRED

Education: PhD org or analytical chem
Experience: Experience in HPLC & GC. LCMS exp is preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City
Salary: Competitive salary & benefits
Description of Employer: Biopharmaceutical company providing accelerated treatment solns for patients & people who care for them.

Application Instructions:
Send resume & job Code ACS99-131 to:
careers-fostercity@gilead.com
(please include all info in body of email)
FAX: 1-650-578-9264
or mail: Human Resources
Gilead Sciences
333 Lakeside Drive
Foster City, CA 94404

CHEMPLOYMENT ABSTRACTS 3223

Position Title: Research Chemist

Job Description: As part of a multidisciplinary team, design & synthesize novel small molecules for biological evaluation.

QUALIFICATIONS DESIRED

Education: BS or MS org chem
Experience: Some industrial exp with multistep org synthesis. Familiarity with modern spectroscopic techniques, column chromatog & HPLC as well as basic molecular modeling is required.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City
Salary: Competitive salary & benefits
Description of Employer: Biopharmaceutical company providing accelerated treatment solns for patients & people who care for them.

Application Instructions:
Send resume & job Code ACS99-132 to:
careers-fostercity@gilead.com
(please include all info in body of email)
FAX: 1-650-578-9264
or mail: Human Resources
Gilead Sciences
333 Lakeside Drive
Foster City, CA 94404

CHEMPLOYMENT ABSTRACTS 3224

Position Title: Research Chemist

Job Description: As part of a multidisciplinary drug discovery team, you will manage the drug cpd database. In this non-lab position, you will provide an interface between the cpd database & modeling efforts to further strengthen Gilead's drug design programs.

QUALIFICATIONS DESIRED

Education: BA/BS chem
Experience: Experience with PC & UNIX systems. Familiarity with databases & knowledge of chem cpds is also required.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City
Salary: Competitive salary & benefits
Description of Employer: Biopharmaceutical company providing accelerated treatment solns for patients & people who care for them.

Application Instructions:
Send resume & job Code ACS99-083 to:
careers-fostercity@gilead.com
(please include all info in body of email)
FAX: 1-650-578-9264
or mail: Human Resources
Gilead Sciences
333 Lakeside Drive
Foster City, CA 94404

CHEMPLOYMENT ABSTRACTS 3225

Position Title: Senior Research Chemist

Job Description: You will be involved in method development for analysis of drug substances & products

QUALIFICATIONS DESIRED

Education: BS or MS chem
Experience: 4-8 yrs exp in the pharmaceutical industry & strong HPLC/GC skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City
Salary: Competitive salary & benefits
Description of Employer: Biopharmaceutical company providing accelerated treatment solns for patients & people who care for them.

Application Instructions:
Send resume & job Code ACS99-137 to:
careers-fostercity@gilead.com
(please include all info in body of email)
FAX: 1-650-578-9264
or mail: Human Resources
Gilead Sciences
333 Lakeside Drive
Foster City, CA 94404

CHEMPLOYMENT ABSTRACTS 3226

Position Title: Research Assistant/ Associate

Job Description: Prepare compounds employed in Affymax technologies. Complex substances for pharmaceutical testing will also be prepared & may require scale-up abilities. Working with numerous company programs, must communicate effectively with other chemists.

QUALIFICATIONS DESIRED

Education: BS/MS chem
Experience: 0-5 yrs exp in synthetic org chem. Knowledge of & exp with modern anal, instrumental, chromatog & purification methods is desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: Santa Clara
Salary: Competitive salary & benefits
Description of Employer: Development of new technologies to revolutionize the drug discovery process.

Application Instructions: Send resume to:
Affymax Research Institute
Attn: HR Dept/Job Code SRE001
3410 Central Expressway
Santa Clara, CA 95051
email: ari_jobs@affymax.com
FAX: 408-481-0393

CHEMPLOYMENT ABSTRACTS 3227

Position Title: Staff Scientist Chemist

Job Description: Development & implementation of novel oligonucleotide synthesis & coupling chemistries, including 5'-3' protection strategies. Synthesis & use of non-std nucleotides in the generation of PCR primers with improved kinetic & thermodynamic binding properties. Development of new methods of coupling oligos to surfaces & attaching fluorescent dye mols to oligos.

QUALIFICATIONS DESIRED

Experience: Exp in oligonucleotide chem is required; exp in phys chem of oligonucleotides & their hybridization & some exp in chem anal techniques. Some exposure to nucleic acid enzymology & mol biology would be a benefit.

LOCATION, SALARY, MAIL ADDRESS

Location: Santa Clara
Salary: Competitive salary & benefits
Description of Employer: Development of new technologies to revolutionize the drug discovery process.

Application Instructions: Send resume to:
Affymax Research Institute
Attn: HR Dept/Job Code KJ003
3410 Central Expressway
Santa Clara, CA 95051
email: ari_jobs@affymax.com
FAX: 408-481-0393

CHEMPLOYMENT ABSTRACTS 3228

Position Title: Customer Service Chemist

Job Description: On-site installation & training, involves 20% traveling (almost never on week-ends, except 2 tradeshow) usually in US, but some international. Tech support by phone & FAX, applications development, tech writing.

QUALIFICATIONS DESIRED

Education: BS/BA or equiv in chem, advanced degree is desirable but not necessary.
Experience: Must understand analytical practices & instrumental operation, especially HPLC. Post-column chem exp is desirable. Good verbal & written communication skills, knowledge of foreign language a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View
Salary: Commensurate with education & experience
Description of Employer: Specializes in post-column chemistries for HPLC

Application Instructions:
Pickering Laboratories, Inc.
1951 Colony St., Suite 5
Mountain View, CA 94043
650-694-6700 Voice
650-968-0749 FAX

CHEMPLOYMENT ABSTRACTS 3229

Position Title: Research Assoc II, Medicinal Chem

Job Description: Provide new chemical entities for evaluation in drug discovery projects using modern parallel synthesis techniques; carry out procedures; purify & characterize intermediates/products & assist in developing new synthetic methodology & combinatorial techniques.

QUALIFICATIONS DESIRED

Education: BS chem & 3-5 yrs exp or MS chem & 1-3 yrs exp.
Experience: Knowledge in small molecule org synthesis/purification & anal techniques are required. Knowledge of database searching & data management, exp in parallel syn. using soln & solid phase techniques & familiarity with automated instrumentation are desired.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto
Salary: Competitive salary & benefits
Description of Employer: Innovation in human pharmaceutical research

Application Instructions: Send CV/resume to:
Roche Palo Alto
Job Code: Chem 999-LV
3401 Hillview Ave
Palo Alto, CA 94304
FAX: 650-424-8159
email: paloalto.hr_staffing@roche.com

CHEMPLOYMENT ABSTRACTS 3230

Position Title: Manager, Processing Engineer

Job Description: Develop processes involving liquid membranes for a variety of industries, working closely with business development staff & supervising projects.

QUALIFICATIONS DESIRED

Education: PhD chemical engineering
Experience: Commanding knowledge of mass transfer and thermodynamics

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park
Salary: \$60,000 - 75,000
Description of Employer: Developing a novel separation process for commercial applications in a variety of industries.

Application Instructions: Send resume to:
Abhoyjit Bhowan
Facilichem, Inc.
333 Ravenswood Avenue
Menlo Park, CA 94025
650-859-5760
FAX: 650-859-4665
email: bhowan@facilichem.com

CHEMPLOYMENT ABSTRACTS 3231

Position Title: Research Assistant, Combinatorial Chemistry

Job Description: Develop and implement new chemistries for automation

QUALIFICATIONS DESIRED

Education: BS/MS, organic chem
Experience: 1-2 yrs industrial experience in synthesis of small molecules. Competence in modern analytical (NMR,MS) & purification (HPLC) techniques, excellent organizational skills & the ability to work independently are required. Familiarity with solid phase organic synthesis will be considered a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Competitive salary & benefits
Description of Employer: Privately held drug discovery company targeting unmet medical needs.

Application Instructions: Send resume to:
Telik, Inc.
Attn: ELCC
750 Gateway Blvd.
South San Francisco, CA 94080
FAX: 650-244-9388

CHEMPLOYMENT ABSTRACTS 3232

Position Title: Manager, Product Development

Job Description: Reporting to the President, manage prod & development function with staff of 8. Includes significant interface with customers & suppliers; & with client's sales & manufacturing organizations.

QUALIFICATIONS DESIRED

Education: BS Chem, Chem Engrg of polymer engng.
Experience: Less than 10 years post-graduation relevant exp is required for this position.

LOCATION, SALARY, MAIL ADDRESS

Location: Southern California
Salary: \$80k max + bonus
Description of Employer: Manufacturer of high performance rubber seals.

Application Instructions: Send resume to:
Refer to #134-80-ACS
Ken Jones, Partner
O'Shea Divine & Co.
4 Civic Plaza, Suite 350
Newport Beach, CA 92660
email: ken@divinesearch.com
FAX: 949-720-9628

CHEMEMPLOYMENT ABSTRACTS – OCTOBER 1999

CHEMEMPLOYMENT ABSTRACTS 3233

Position Title: Organic Chemist

Job Description: Perform organic chemical synthesis of insect pheromones on a bench scale and evaluate/confirm results through analytical measurement. Assist-develop synthetic routes/methods.

QUALIFICATIONS DESIRED

Education: BS, MS or PhD Chemistry
Experience: 3 yrs min in industry R&D or production lab. Exp with various analytical instruments/methods desirable. Demonstrated discipline with record keeping & reasonable communication skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Monterey area (Salinas)
Salary: Competitive salary & benefits
Description of Employer: Global mfr/supplier of pheromone/kairomone based insect monitoring systems. Developing pheromone/kairomone based control.

Application Instructions: Send res & sal reqs to: Bill Lingren
Trece Inc.
1143 Madison Lane
Salinas, CA 93907
FAX: 831-758-2625
email: blingren@trece.com

CHEMEMPLOYMENT ABSTRACTS 3234

Position Title: Computational Chemist

Job Description: Responsible for chemo-informatics applied to bioactive design. Responsible for uncovering statistical relationships in biological & structural data over large compound libraries & in the development of new chemo-informatics technologies form classification & cpd selection.

QUALIFICATIONS DESIRED

Education: PhD Chemistry
Experience: A strong background in chemo-informatics applied to bioactive design. A demonstrated ability to program in Fortran or C is essential & exp with statistical & database pkges a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Attractive compensation package
Description of Employer: A drug discovery company targeting unmet medical needs in a variety of therapeutic areas.

Application Instructions: Send resume to: Telik, Inc.
Attn: HVCC
750 Gateway Blvd
South San Francisco, CA 94080
FAX: 650-244-9388
www.telik.com

CHEMEMPLOYMENT ABSTRACTS 3235

Position Title: Scientist I - Analytical Computational Chemist

Job Description: Responsible for the creation, development & implementation of efficient algorithms for in-depth analysis, of small molecule & peptide data derived from LC/MS/MS & related techniques. Also, will use peptide data to perform protein structure elucidation using novel modeling technique.

QUALIFICATIONS DESIRED

Education: PhD, computational chemistry or closely related field
Experience: Proven exp analyzing complex data sets is a must as is the ability to visualize & report results. Excellent communication and team work skills are essential.

LOCATION, SALARY, MAIL ADDRESS

Location: Emeryville
Salary: Commensurate with experience
Description of Employer: Broad expertise with vaccines, blood testing & therapeutics enables us to target cancer, cardiovascular & infectious diseases.

Application Instructions: Send res w/ sal reqs to: Chiron Corporation
Job Code 3868, HR
4560 Horton Street
Emeryville, CA 94608

CHEMEMPLOYMENT ABSTRACTS 3236

Position Title: Associate I/II, Analytical Dept

Job Description: Responsible for measuring physiochem properties of small molecules, such as pKa, LogP & solubility using automated techniques. Also, develop & run HPLC assays for quantification & characterization of small molecules.

QUALIFICATIONS DESIRED

Education: BS/MS chemistry or a closely related field
Experience: 2 yrs relevant exp. Exp with HPLC, Mass spectrometry & computers is recommended & past performance of physiochem measurements of small molecules a plus. A team player with exceptional communication skills is ideally suited to this position.

LOCATION, SALARY, MAIL ADDRESS

Location: Emeryville
Salary: Commensurate with experience
Description of Employer: Broad expertise with vaccines, blood testing & therapeutics enables us to target cancer, cardiovascular & infectious diseases.

Application Instructions: Send res w/ sal reqs to: Chiron Corporation
Job Code 3955, HR
4560 Horton Street
Emeryville, CA 94608

CHEMEMPLOYMENT ABSTRACTS 3237

Position Title: Research Associate, Chemistry

Job Description: Carry out & optimize the synthesis of Quantum Dot fluorescence, UV/VIS, & other analytical techniques

QUALIFICATIONS DESIRED

Education: BS/MS chemistry or chem Engrg
Experience: At least 2 yrs industrial exp handling air-sensitive mats using a glove box or other airless technique. Familiarity with analytical techniques such as spectroscopy & microscopy is desirable. Excellent organizational & communication skills are also important.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto
Salary: Competitive salary, benefits & stock options
Description of Employer: Dedicated to the development of new technologies for biological research. Quantum dot particles are a new matl that promise fundamental changes in biological labeling.

Application Instructions: Send resume to: Human Resources
(CHEM-10/99)
Quantum Dot Corp.
4030 Fabian Way
Palo Alto, CA 94304
FAX: 650-812-7660
email: jobs@qdots.com

CHEMEMPLOYMENT ABSTRACTS 3238

Position Title: Chemical Development Chemist

Job Description: Develop robust multistep synthetic processes for prep of new products & oversee the transfer of these processes into our manufacturing environment.

QUALIFICATIONS DESIRED

Education: BS/MS org chem + 5+ yrs of related exp. or PhD, org chem with 2+ yrs related exp.
Experience: Demonstrated skill in synthetic org chem; exp with current spectroscopic & chromatog instrumentation. Exp with heterocyclic chem is highly desirable. Excellent communication, interpersonal & organizational skills & strong desire to work in challenging & dynamic interdisciplinary environment are required.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City
Salary: Competitive salary & benefits
Description of Employer: Developing & supplying systems & reagents for biotech res.

Application Instructions: Send resume to: PE Biosystems
850 Lincoln Centre Drive
Foster City, CA 94404
Attn: Human Resources
(Ref #5190)

CHEMEMPLOYMENT ABSTRACTS 3239

Position Title: Research Associates, Synthetic Chemistry

Job Description: Optimize new drug candidates & synthesize screening compounds for drug discovery & protein labeling reagents.

QUALIFICATIONS DESIRED

Education: BS + 4-5 yrs of relevant exp, or MS with 2-3 yrs experience
Experience: Solid background in synthetic org chem preferably in pharmaceutical optimization; the ability to excel in multidisciplinary team-oriented environment; PC proficiency with data analysis applications; & excellent interpersonal & written/verbal communication skills. Exp with combinatorial chem & a working knowledge of the principles of med chem are a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Commensurate with experience
Description of Employer: A new hybrid biotech & informatics company.
Application Instructions: Send resume to: Cytokinetics, HR Dept.
Attn: Job# CH99-02-ACS & #CH99-03-ACS
280 East Grand Avenue, Suite 2
South San Francisco, CA 94080
FAX: 650-624-3010
email: hr@cytokinetics.com

CHEMEMPLOYMENT ABSTRACTS 3240

Position Title: Scientists, Med. Chemistry

Job Description: Will optimize new drug candidates, and synthesize screening compounds for drug discovery & protein labeling reagents.

QUALIFICATIONS DESIRED

Education: PhD Synthetic Org Chem
Experience: 3-8 yrs of ind exp; success w/ med chem, molecular modeling, combinatorial chem & pharm optimization; a solid understanding of the principles of med. chem, especially the analysis of structure-activity relations & structure-base drug design; familiarity with molecular & cellular biol tech;(screening) tech; success moving hits into leads that form the basis of 1 or more med. chem prog; excellent leadership, inter-personal & communication skills. Exp with analytical chem and/or 3D modeling a +.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Commensurate with exp
Description of Employer: A new hybrid biotech & informatics company.

Application Instructions: Send resume to: Cytokinetics, HR Dept.
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CHEMEMPLOYMENT ABSTRACTS 3241

Position Title: Research Scientist, Surface Spectroscopy - Organic Thin Films

Job Description: Position entails synthesis & in-depth spectroscopic analyses of novel org ultra-thin films on solid supports including silicon, noble metals & metal oxides using state-of-the-art instrumentation with main emphasis on attenuated total reflection & grazing angle FTIR & ellipsometry. Also XPS, CV, STM, ToF-Sims, HREE-LS & related techniques.

QUALIFICATIONS DESIRED

Education: PhD, phys chem or phys with emphasis in surface spectro.
Experience: 8+ yrs exp in physicochem analysis & spectro of self-assembled monolayers are required. Must have excellent knowledge & hands-on exp in FTIR of org thin films

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: Competitive salary & benefits
Description of Employer: Biotech company developing novel protein-biochip platform

Application Instructions: Send res/c.v., job title to: Zyomyx, Inc.
Attn: Human Resources
3911 Trust Way
Hayward, CA 94545
FAX: 510-784-2569

CHEMEMPLOYMENT ABSTRACTS 3242

Position Title: Research Associate, Thin Films Matls

Job Description: Processing of various mats including silicon in a clean-room environment using primarily photolithographic, wet & dry etching techniques & micromachining. Also involves PVD & other coating methods. Participate in establishing an in-house production line, & interact extensively with microfabrication & surface chemistry groups.

QUALIFICATIONS DESIRED

Education: BS or MS
Experience: At least 2 yrs exp in electrical or chemical engineering, chemistry or materials science. Exp in wafer processing & coating technology is preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: Competitive salary & benefits
Description of Employer: Biotech company developing novel protein-biochip platform

Application Instructions: Send res/c.v., job title to: Zyomyx, Inc.
Attn: Human Resources
3911 Trust Way
Hayward, CA 94545
FAX: 510-784-2569

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. Do not send self-addressed, stamped envelopes unless requested to do so.

ORANGE COUNTY SECTION

Geoff Anderson
Hycor Biomedical
7272 Chapman Avenue
Garden Grove, CA 92641
714-895-9558

or

Ron Denecour
23731 Coronel Drive
Mission Viejo, CA 92691-3306

SOUTHERN CALIF SECTION

Send a self-addressed, 55¢ stamped business envelope to: ACS Job Listing
14934 South Figueroa Street
Gardena, CA 90248
for a monthly list of employers in the Southern California Section area

CALIFORNIA SECTION

Ms. Holly Kreuter
American Chemical Society
California Section
2140 Shattuck Ave., Rm 1101
Berkeley, CA 94704
510-848-0512

CHEMEMPLOYMENT ABSTRACTS 3243

Position Title: Research Associate, Surface Chemistry, Organic Thin Films

Job Description: Involves the physicochem characterization of biocomp mats, the modification of surface properties, & syn of novel mats by coating & thin film techniques. Also monolayer syn, characterize & bioapplication using state-of-the-art instrumentation such as AFM, STM, FTIR, ellipsometry, SPR, contact angle goniometry, Brewster angle microscopy, SEM, CV, XPS, radiometry & surface fluorescence.

QUALIFICATIONS DESIRED

Education: BS or MS Phys Chem or Surface Chem
Experience: At least 3 yrs exp in org thin-film syn & surface characterization. Excellent knowledge in physicochem prop of surfaces & mats is required.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: Competitive salary & benefits
Description of Employer: Biotech company developing novel protein-biochip platform

Application Instructions: Send res/c.v., job title to: Zyomyx, Inc.
Attn: Human Resources
3911 Trust Way
Hayward, CA 94545
FAX: 510-784-2569

CHEMEMPLOYMENT ABSTRACTS 3244

Position Title: Research associate, Syn Org Chemistry

Job Description: Responsible for multi-step syn & characterization of novel key cpds used as candidates for protein bioconjugation, protein assay development, lipid formulations & surface functionalization.

QUALIFICATIONS DESIRED

Education: BS or MS
Experience: At least 2 yrs exp in syn org chem. In-depth skills in spectroscopic methods (NMR, IR) & extensive hands-on exp with HPLC work is required. Prior exp with amphiphilic cpds & peptide/peptide analog chem is preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: Competitive salary & benefits
Description of Employer: Biotech company developing novel protein-biochip platform

Application Instructions: Send res/c.v., job title to: Zyomyx, Inc.
Attn: Human Resources
3911 Trust Way
Hayward, CA 94545
FAX: 510-784-2569

CHEMEMPLOYMENT ABSTRACTS 3245

Position Title: Research Assoc, Protein Assay Dev

Job Description: Responsible for in-depth qual & quant description of enzyme activities in soln & at solid-liquid interface of different device mats. Also kinetic profiling & characterization of protein/cpd-protein interactions to support the development of novel technology-based screening.

QUALIFICATIONS DESIRED

Education: BS or MS
Experience: At least 2 yrs exp in biochem, analytical chem or enzymology. Requires extensive exp with various enzyme assay techniques, e.g. plate-based assays & absorption/fluorescence spectroscopy. Exp with surface plasmon resonance highly desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: Competitive salary & benefits
Description of Employer: Biotech company developing novel protein-biochip platform

Application Instructions: Send res/c.v., job title to: Zyomyx, Inc.
Attn: Human Resources
3911 Trust Way
Hayward, CA 94545
FAX: 510-784-2569

CHEMEMPLOYMENT ABSTRACTS 3246

Position Title: Research Scientist

Job Description: Responsibilities include analytical method development, assay validation, impurity identification & troubleshooting

QUALIFICATIONS DESIRED

Education: PhD organic or analytical chem
Experience: Experience in HPLC & GC. LC-MS experience is preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City
Salary: Competitive salary & benefits
Description of Employer: Biopharmaceutical company providing accelerated treatment solns for patients & people who care for them.

Application Instructions:

Send resume & job code ACS99-131 to: careers-fostercity@gilead.com (please include all info in body of email)
FAX: 1-650-578-9264
or mail:
Human Resources
Gilead Sciences
333 Lakeside Drive
Foster City, CA 94404

Beckman Coulter Ad

Esselen Award Nominations

The Northeastern Section of the American Chemical Society is seeking nominees for the Gustavus John Esselen Award for Chemistry in the Public Interest. This award seeks to publicize to the American and Canadian people the positive values of chemistry. The award has been given each year since 1987 by the Northeastern Section of the American Chemical Society, and the men and women honored over these few years have given the award prestige well beyond its short lifetime.

Any field of chemistry is valid as long as the scientific work has clearly contributed to the public well-being, and its value to society is apparent.

The award consists of a bronze medal and a check for \$5,000. Travel expenses incidental to the conferring of this award will be reimbursed. Nominations and inquiries should be directed to Dr. Iclal S. Hartman, 131 Shade Street, Lexington, MA 02421

Editor's Corner

Several articles in this issue are concerned with education and support for science. We are all constantly reminded how important these issues are. Just last Monday (September 13th) I read in a special Wall Street Journal report on energy that Hydrogen Fuel Cells were dangerous because the hydrogen could cause the same reactions that occur in a Hydrogen Bomb. (No wonder gas-guzzlers are so popular!)

I encourage everyone to take a close look at the opportunities to improve the understanding and support of science that are mentioned in this issue.

Steve



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OCTOBER 1999 NEWSLETTER TOPICS:

“Inventors - Make a Difference - Day”

Chairman’s Message

Call for Volunteers

Minority Affairs Activities

Notes from National ACS Meeting

ACS Broadcast E-mail Program

Esselen Award Nominations

Editor’s Corner

Time Value!

CHEMPLOYMENT ABSTRACTS

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<http://www.scvacs.org>

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Steven Colby 650-938-4502

e-mail: colby@sisweb.com
 Web Site: www.sisweb.com

FUTURE MEETINGS

2000
Mar 26-31 National ACS Meeting

For the latest information, please visit the
 SCVACS Web Site: <http://www.scvacs.org>

CHEMPLOYMENT ABSTRACTS

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