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alumni
association

*Happy
Holidays*

DECEMBER 2003 NEWSLETTER

A WORD FROM BOYD FAIR

This is the last Alumni newsletter of 2003 and my first as the Acting Steering Committee Chairman. What a busy year it's been....

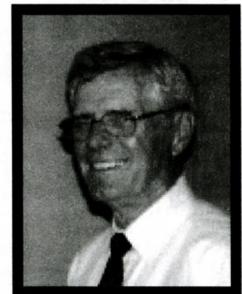
It started with many Alumni Association members plastering Kil-a-Watt leaflets all over SRI. We all had fun trying to get into the locked areas, explaining what we were doing (even though Curt had put out a notice to all staff), and encouraging the staff to turn off all unnecessary electronic equipment when not in use.

Next was the spring BBQ. The biggest challenge was to organize it on short notice (I had just become the Events Chairman) and schedule it in between the rain showers that occurred late in the spring. I am happy to say that the weather cooperated and we had a nice, albeit cool, outdoor luncheon. John Leung was kind enough to take numerous pictures, many of which he posted on the Web for all to see (see page 7).

Then came the passing of our founder and Chairman after a short illness. George Abrahamson put a lot of himself into the Alumni Association and has left behind a great legacy and a strong foundation for us to build upon. We will all miss his leadership and support. We are still looking for a permanent replacement to fill George's shoes. Suggestions and volunteers are welcome.

In October, we held our annual reunion and Hall of Fame awards ceremony. While the attendance was down slightly from years past, I think it was a great success based upon the feedback I have received.

Thanks again to all the volunteers who helped pull it together, and a special note of thanks to Joyce Berry who did the lion's share of the work organizing the logistics under trying circumstances. Read more about the event and see pictures later in this issue.



Boyd Fair
Photo by John Leung

Also you will note that there is an article about our Japanese colleagues reunion in this issue. I am glad to hear that the Japanese and European alumni are both active and have periodic meetings to socialize and share their own "war stories".

This fall, we also conducted a survey of the members to determine if we were being responsive to your desires for the Alumni Association. Murray Baron has summarized the results of the responses we received elsewhere in this newsletter. It appears that our current activities are in line with what the majority of you want. However, we are always interested in hearing what you have to say, or any suggestions you have for other activities.

So we move on to next year. I wish you one and all the very best of holidays and look forward to seeing and/or hearing from you all in the near future.

Boyd Fair
Acting Steering Committee Chairman

MIMI AWARD WINNER AND SRI FELLOWS HONORED

SRI's annual Mimi and Fellows Awards presentation on October 1st recognized Barbara Means and Gregory P. Smith as SRI Fellows for 2003, and Cynthia (Cindy) Ford as the latest winner of the Mimi Award.

The SRI Fellowship Award is the institute's highest recognition for technical, scientific, or professional contributions. **Barbara Means** is co-director of the Center for Technology in Learning in SRI's Policy Division. She received a Ph.D. in Psychology in 1972, and was VP of the Policy Division for six



From left to right: Mimi Award winner Cynthia Ford; SRI Fellows Greg Smith and Barbara Means; SRI President Curt Carlson
(photo by Shari Fisher)

years. She was selected as an SRI Fellow for her leading role in defining the issues and approaches for evaluating the efficacy of technology-supported educational innovations.

Gregory P. Smith, a senior research chemist in SRI's Molecular Physics Lab, was selected for his studies of the chemical kinetics of combustion, of the atmosphere, and of other gas phase processes. He joined SRI in 1977 after receiving his Ph.D. at Yale and post-doctoral work with Richard Zare at Stanford.

SRI Fellows are granted a paid sabbatical to pursue research problems of their choosing.

SRI's Mimi Award is the highest recognition offered to staff members who have fostered the personal and professional growth of their co-workers. **Cynthia Ford**, SRI's Chief Information Officer, received the award for 2003. Cindy oversees SRI's Information Technology Services —a diverse group of more than 30 people who manage SRI's network, telecommunications, desktop support, network and host security, the Web (sri.com and the Insider). Another part, MIS, includes corporate applications (project management, financial performance, accounting and payroll, human resources and benefits), and Research Information Services (the SRI Library)—a big load! Cindy has been at SRI for more than 18 years.

The Mimi award is named in memory of Marian "Mimi" S. Stearns who was SRI's first female VP. She headed the Health & Social Policy Division at the time of her untimely death from cancer in 1994. Mimi was known for the way she inspired her co-workers and contributed to their professional development and success.

SRI FEDERAL CREDIT UNION IS FOR RETIREES TOO!



Thanks to you, the credit union has grown to \$37 million in total assets. You can belong to SRI Federal Credit Union after you leave SRI, even if you have closed your account or never joined the credit union. And your family members can join too! Just call us at 800-986-8916 or email us at srifcu@srifcu.org for a membership application.

REUNION OF SRI JAPAN CLUB

by Jun Shimosato

In the evening of October 29, coincidentally on the same day as SRI Alumni Association did, more exactly 14 hours earlier, SRI Japan Club held the reunion of the year 2003. It is the fourth meeting since SRI Japan Club established in April 2000. More than 20 people came to the reunion that was held at Grand Arc Hanzomon Hall located in the beautiful area by the moat of Imperial Palace and nearby Japan Office of SRI International.

After presentation about the activity of the Club in 2003 by Masa Tashiro, Chairman of SRI Japan Club, the party with the invited guests and the club members followed. Osamu Karatsu, Representative of SRI International Japan; and Curt Carlson, CEO of SRI International; Len Polizzotto, VP; and Yigal Blum, Program Manager; who are visitors from Menlo Park, joined the party after they had conducted SRI seminar at Kasumigaseki Hall for two days.

Both Osamu and Curt talked about current situation and recent success business of SRI International, and also emphasized to maintain a close coordination with SRI Japan Club. The Club is an alumni association of the former employees worked at Japanese Offices that belong to SRI and SRI Subsidiaries. The majority of the club members are actively work-pursuing people such as professors, bankers, managers, consultants and researchers, rather than retired life-enjoying old boys (girls).

Under comfortable atmosphere with delicious food and nice drinks, people attended in the party introduced about their individual activities, encouraged their success performance each other and talked about some thing in the future dreams. The joyful party continued for two hours and closed around 9 p.m. with the words of "see you again".
[Ed. Note: more photos can be viewed at: <http://idisk.mac.com/nanopolymer/Public/SRIAL/sri20.html>]



*All photos
by Shin-ichi Ogata*



SRI ALUMNI SURVEY RESULTS

Almost 150 people responded to our recent alumni survey. Thanks to all of you who took the time. Twenty people who had not renewed their membership also answered, with a few of those enclosing renewal checks.

A large majority (87%) of the member responders said that they belong to the association for the social contact it provides with friends and former colleagues; 59% renew their memberships to keep up on what's going on at SRI. (Quite a few people checked both reasons).

With respect to the question on how many events we should have each year, 96% of those who answered this question thought the current number of events (2) is about right. The type of events that were voted of most interest were "Talks/lectures" in a virtual tie with "Tech-related field trips", followed fairly closely by "Dinners/lunches/picnics". Of significantly less interest were "Fun field trips," followed by "Hobby-related events".

The Alumni Steering Committee will try to take the desires of the membership into account when planning future events. In doing so, we will not only consider the statistical results of the questionnaire, but also take into account the many comments that people took the time to write.

In addition to giving us a better idea of the desires of the membership, the questionnaire also resulted in eleven members expressing an interest in volunteering. Thanks to you all.

[And thanks to Murray Baron for preparing the survey and analyzing the results.]

Peter the Painter

by Peter Weisshuhn

While a student at McGill University in Montreal, I earned good money during vacations and on weekends by painting people's houses outside and inside. To get started, I put up notices in local supermarkets. Later I got all the business I could handle by references from satisfied customers. The fierce Montreal climate helped: summer temperatures reached the 90s—and so did the humidity. Winters brought -30F with extreme dryness. The house paints of the day could not cope with the seasonal expansion and shrinkage of the traditional clapboard siding. So the exterior paint had to be renewed every 3-5 years.

What set me apart from the local professional painters was that I washed the old paint work before applying a new coat. This so impressed my clients that 'Peter the Painter' became a byword for superior work. My success grieved the professional painters, who were losing business. When they discovered that I was not a union member they threatened to beat me up. So I thought it a wise precaution to join the union.

I was asked whether I had served an apprenticeship with an accredited painter. Of course I had not, and I

could hardly tell them that their members might usefully take lessons from me, at least as regarding preparation prior to painting. So I spun them a yarn about how I had served a 4-year apprenticeship in Germany. They accepted this without asking for paper credentials and let me take the theory exam, a simple multiple-choice exam that any DIY painter could have managed. I passed and got my union card on payment of dues of \$12, cheap at the price.

Decades later, in retirement, I am Peter the Painter again, only now using pastels on paper or board. I belong to a local art group that exhibits paintings for sale several times a year in local libraries. I have sold a few pictures this way and had one stolen (which puts me in a category with Picasso and other greats). Last week I took some of my work to an art gallery in a historic Surrey village. One of the three they accepted sold quickly and at a much higher price than the library public pays, though the gallery's commission is higher too.

Peter Weisshuhn was a Senior Consultant in the Croydon office (U.K.) before he retired in 1993.

OUR ALUMNI AUTHORS

Alumni have been busy writing:

Ron Collis recently published “Contending Fighters of World War II;” (Trafford Publishing, Victoria, BC, Canada; 143 pages, US\$19.95, 2003).

This book is principally about the fighter aircraft of WW II and what they were like to fly. Ron Collis joined the RAF in 1940 when he was 19. He first trained as a flying instructor, then became a Spitfire pilot in 1943. He joined the Central Fighter Establishment where he served in the Fighter Leaders’ School, the Enemy Aircraft Flight and the Meteor Flight. He left in 1947 as a Squadron Leader, having been awarded the DFC and was Mentioned in Dispatches as a fighter pilot. He had the opportunity to fly an unusually wide range of advanced fighters. His experiences with all of these fighters make a fascinating story.

[There is an extended illustrated excerpt available on the web at: <http://www.trafford.com/4dcgi/doSearch>] Ron graduated from Oxford University and later served in the Royal Navy as a meteorologist. In 1956 he started a career in applied research, first at Decca Radar in London and then at SRI, where he became Director of the Atmospheric Physics Laboratory.

An SRI alumnus reader, not a pilot, was very impressed with how the author was able to communicate the difference in “feeling” among various aircraft: RAF Spitfires, German Messerschmitts, and US P-51 Mustangs.

Thanks to Bob Dawson for these items.

Russell Rhyne recently published “The Act of Choosing,” (iUniverse, [www.iuniverse.com], 496 pp., paper, \$29.50, 2003.)

The subtitle of his book is: A Context-Matching Theory, and Its Practical Implications. He defines Choosing as: “Selecting a path when reason can’t show which way would be best.”

Choosing is non-rational, but not irrational. He reminds us that throughout human history, only those hominids that chose well lived to become our ancestors. Choosing and reasoned determination work best as a pair. They first seem to have been combined about 50,000 years ago, when speech became common and reasoning in terms of symbols thus became possible. At that point, *Homo sapiens* took off, introducing more innovations per generation than had been common per millennium before that.

Rhyne was a Senior Operations Analyst at SRI and, in the late 1960s, authored one of the most popular reports ever published by the Long Range Planning Service (LRPS), “Alternative Futures in Executive Decision-Making.” The LRPS Program Manager recalls the Board Chairman of Shell saying to SRI’s CEO that that one report was “worth the entire price of the subscription to LRPS.”

Rhyne received his BS and MS degrees in Engineering at Caltech, serving successfully for a decade as an aerodynamicist. Feeling that he needed a better understanding of the softer disciplines, he earned a PhD in Political Science at UC Berkeley in 1954.

He spent the next 40 years working along the interface between the hard and soft sciences as a social-systems analyst for hire, helping authoritative choosers do their intuitive thing better.

MAKE A BUCK FOR SRI AND \$1000 FOR YOURSELF!

If you refer a candidate to an open position at SRI, you may be eligible for a referral bonus of \$1,000. If you refer someone with a Top Secret security clearance, you may be eligible for an additional \$500!

This program runs until the end of 2003. For complete rules, all the fine print, and referral forms visit <http://www.sri.com/jobs/referral.html>, or contact the Employment and Diversity Department at 650/859-4730, ext. 5497. Job openings are also listed on the SRI website.

2003 ALUMNI REUNION



*Marlyn Johnson, Joyce Berry,
and Kelly Connolly (not pictured)
Welcomed Alumni and Guests*



Thank You Institooters



*Credit Union Staff Members
Provided Champagne for the Event*

Some 145 alumni and friends gathered on October 29 to greet old friends, tap toes to the Institooters, and enjoy hot and cold hors d'oeuvres and champagne. The photos here (all by John Leung) show the celebrants in all their finery.

The formal part of the program was chaired by Alumni Association acting chair Boyd Fair, and included a moving remembrance of George Abrahamson by Don Nielson.

Five new members were inducted into the SRI Alumni Hall of Fame. [See the booklet, enclosed.] Jack Goldberg, Marion Hill, Earle Jones, and Peter Lim were on hand to receive their certificates and make suitable remarks, expressing appreciation and sharing the honors among their former collaborators. Also inducted was Bill Royce, who was that very day moving from one home to another—both in Bend, Oregon—and could not be present.

SRI VP of Physical Sciences Larry Dubois greeted alumni on behalf of SRI President Curt Carlson, who

was traveling in Japan. (He greeted Tokyo alumni there—see accompanying story.) Larry described recent events at the Institute, then introduced Régis Vincent, a young researcher working in the Robotics lab. Régis presented a well-illustrated talk on the Centibots project. For DARPA, the lab developed a system of 100 small robots that can coordinate with one another in search and inspection missions. The video astonished us all. See more at <http://www.ai.sri.com/centibots/>

On display was a copy of the manuscript of Don Nielson's forthcoming book on SRI history. A number of people expressed interest in obtaining a copy of the book. If you are interested in learning more, contact Don. (don.nielson@sri.com)

Thanks to Staff Activities, who contributed door prizes, the Credit Union for door prizes and champagne for all, Security for providing colorful badges, and to the Reunion Committee for all their hard work in organizing a fine event.

All Reunion Photos by John Leung.



2003 ALUMNI REUNION



MC Boyd Fair



Larry Dubois, on behalf of Curt Carlson,
welcomed SRI Alumni to the Reunion

Don Nielson presenting Hall of Fame
Certificate to Jack Goldberg

We Learned About Robots and the
Centibots Project from Régis Vincent



2003 Hall of Fame Recipients (l. to r.): Marion Hill, Earle Jones, Jack Goldberg, and Peter Lim.
(Not pictured: William Royce who was moving to Oregon and was unable to attend).



Photos from the reunion are viewable at <http://67.124.153.3/~jklmain/sri/031029/index.html>,
User name: sri; password 333.

RECENT RETIREES

- July 2003 - **Philip A. Bayer**, Senior Systems Analyst, Systems Development Division, after 21.5 years of service.
- Aug. 2003 - **Carolyn J. Terrill**, Accounting Manager, Government Accounting, after 43.3 years of service.
Jeff L. De Curtins, Computer Scientist, Systems Development Division, after 21.5 years of service.
- Sep. 2003 - **Prasanna G. Mulgaonkar**, Center Director, Engineering Sciences and Systems Development Division, after 19.0 years of service
- Oct. 2003 - **Martin J. Prochazka**, Senior Research Engineer, Radio Science and Engineering Division, after 11.9 years of service.
Christine A. Connolly, Administrative Coordinator, Security Services, after 9.0 years of service.
Jeannie D. Shelton, Administrative Assistant, Systems Development Division, after 15.7 years of service.
- Nov. 2003 - **John D. Peters**, Research Engineer, Systems Development Division, after 19.4 years of service.
E. Jane Hughes, Subcontract Administrator, after 37.3 years of service.
Edward F. Vance, Senior Principal Scientist, Radio Science and Engineering Division, after 9.0 years of service.

SRI IN THE NEWS

OPTICAL RESEARCHER WINS PRESTIGIOUS AWARD: Dr. Weilin Pan, now a research engineer with SRI's Center for Geospace Studies, was recently awarded the Optical Society of America's prestigious Allen Prize for significant contributions to atmospheric remote sensing using electro-optical instrumentation. Dr. Pan's work dealt with a novel lidar system above the North and South Poles. Read more at <http://www.osa.org/press/news/05.2003/awards.cfm>.

STANFORD PROFESSOR APPOINTED TO SRI BOARD OF DIRECTORS: Management professor Charles A. Holloway has joined SRI's Board of Directors. He is a widely recognized expert in entrepreneurship, manufacturing strategy and technology management in Stanford's Graduate School of Business. Read the press release at <http://www.sri.com/news/releases/04-23-03.html>.

THE SCIENTIST, April 21, 2003 has an article "Metabolomics: Small-Molecule 'Omics" that features a discussion about HumanCyc with Peter Karp, director of SRI's bioinformatics research group. HumanCyc, released on May 27, is a first-of-its-kind database devoted to the analysis of human metabolic pathways. See the article at http://www.the-scientist.com/yr2003/apr/lcprofile_030421.html.

USA TODAY, May 28, 2003 describes the Phraselator, a handheld translation device based on SRI speech recognition technology and recently deployed in the Iraq war.



SRI RESEARCH NEWS

Want to Quit Smoking? Study Predicts Better Results When Drug Therapy is Combined with Behavioral Counseling

Smokers who want to quit by taking the drug bupropion SR (marketed by GlaxoSmithKline as Zyban®) could see a substantial increase in their chances for quitting when the drug is taken in combination with a moderate level of behavioral modification counseling, according to a new SRI study. The results suggest that health care systems can decrease tobacco use rates among their enrollees if they provide modest interventions.

The study shows that a combination of bupropion SR with minimal or moderate behavioral counseling results in a "quit rate" of 24% to 33% after one year, compared to a CDC-reported 5% quit rate for "self-quitters" after a three-month period (those who quit "cold turkey" without some form of assistance).

Those participants who were assigned to moderate-intensity behavioral intervention had a 21% greater chance of quitting than those who received minimal-intensity behavioral intervention. The group that combined the 300-mg dose and the moderate-intensity behavioral counseling achieved a 33.2% nonsmoking rate, higher than the other three groups. This was possibly due to the increased use of behavioral skills, a feature of the yearlong Free & Clear counseling program.

SRI designed and led the National Cancer Institute-funded study. Lisa M. Jack and Harold Javitz's article titled "Effectiveness of Bupropion SR for Smoking Cessation in a Health Care Setting: A Randomized Trial" has been published in *Archives of Internal Medicine* (October 27).

NSF Awards a Grant to SRI for Upper Atmospheric Radar Facility

SRI International announced on August 26 that it has been awarded a four-year grant from the NSF to lead the development of the Advanced Modular Incoherent Scatter Radar (AMISR), a modular, mobile radar

facility. The AMISR, a three-faced structure, will be constructed in two stages over the next four years at a total cost of \$44M. Scientists and students from around the world will use the radar to conduct studies of the rapidly changing upper atmosphere and to observe space weather events, which can damage and interrupt satellite and electronic communications and even knock out power grids.

The radar's novel, modular configuration will allow it to be disassembled and moved so that the radar can be used to study different types of upper atmospheric activity across the globe. No other radar of this size in the world can be routinely relocated. Since each face of the AMISR functions independently, the AMISR can be deployed in up to three separate locations at the same time. In addition, remote operation and electronic beam steering will let researchers anywhere in the world operate and position the radar beam instantaneously to accurately measure rapidly changing space weather effects.

SRI will lead the design and construction of the facility and will oversee operations and use during design verification tests. Co-investigator institutions include MIT Millstone Hill, Stanford University, the University of Alaska and the University of Western Ontario.

More information about AMISR can be found at <http://isr.sri.com/iono/amisr>.

New SRI International Pharmaceutical Presence in San Diego

On September 17, SRI International announced that it has opened an office in San Diego to offer drug development consulting through PharmaSTART™, a recently announced consortium of leading California universities and research organizations led by SRI. PharmaSTART aims to accelerate the translation of breakthrough new drugs from discovery into clinical use.

Through this new office, SRI will provide drug development and consultation services to the

SRI RESEARCH NEWS (Concluded)

University of California, San Diego (UCSD) and to local research organizations and small biotech companies.

In addition to SRI and UCSD, PharmaSTART's founding members include Stanford University; the University of California, San Francisco (UCSF); and the UCSF campus of the California Institute for Quantitative Biomedical Research (QB3).

The office will be co-located with the UCSD CONNECT program office. (UCSD CONNECT is a nonprofit UCSD program, formed in 1985 to promote the commercialization of technology from university-based research. Funded by the business community, it also provides critical programs and services to accelerate the growth of technology and life science companies in the San Diego region. For more information, visit <http://www.connect.org>.)

(SRI's Biosciences Division worked with more than 120 commercial clients during 2002, and during its 50-year history of preclinical development work, has performed FDA-compliant services on more than 30 marketed drugs and more than 100 drugs in clinical trials. Throughout its history, SRI has had a 100 percent study acceptance rate with the FDA.)

For more information about PharmaSTART, visit <http://www.pharmastart.org>



New SRI System to Track "First 5 California" Program Results

Data Will Promote Better Care for California's Children

"First 5 California" has selected SRI's Center for Education and Human Services to lead a \$23 million, three-year evaluation. The Center will launch an innovative system to consistently track the activities and successes of "First 5 California" programs that promote the health, development, and well-being of children from before birth to age five, thus enhancing school-readiness.

(First 5 California, also known as the California Children and Families Commission, was established after voters passed Proposition 10 in 1998, adding a 50 cents-per-pack tax on cigarettes to fund programs for expectant parents and children up to age five.)

SRI partnered with the Corporation for Standards and Outcomes (CS&O), an organization that designs and manages healthcare delivery systems, to create PEDS, (Proposition 10 Evaluation Data System), a web-based system to provide meaningful data across hundreds of wide-ranging programs.

"PEDS provides information vital to the creation of better policies, stronger programs, and better systems of care for young children and their families," says Mary Wagner, director of SRI's Center for Education and Human Services.

The programs are funded by First 5 County Commissions throughout California. To date, 25 of the state's 58 First 5 County Commissions have signed up to use the system, which may also serve as a model for other states.

More information about First 5 California is available at <http://www.ccfc.ca.gov>. For more information on the SRI-led evaluation, go to <http://www.first5eval.com>

IN MEMORIAM

Kay R. Leibrand

Kay Leibrand, 63, died July 20 after a 10-year battle with breast cancer. She was born and educated in Helena, MT, where she was valedictorian of her high school class. Her degrees in Mathematics—a B.S. from Montana State and an M.S. from Delaware—were followed by an M.S. in computer science from San José State.

She worked as a Senior Programmer in SRI's Bio-organic Chemistry Lab (Life Sciences) from 1977 until 1982. She also worked for du Pont, ATI, and Link, developing F-4 electronic countermeasures and software for the B-2 flight simulator. Her last post was at Stanford doing scientific programming for solar astrophysics.

Kay was also an accomplished musician, chef, artist, gardener, and bird-watcher. She was active in AAUW and as a volunteer in elementary school computer labs.

She is survived by her husband Roger of Palo Alto, daughters Kara of San José and Serena of Boulder Creek, and brother Ben of Prescott, AZ.

Perry H. Lisman

Perry Lisman was killed in a traffic accident on August 26. He was 71. He worked at SRI for more than 17 years.

Perry was born in Sweetwater, TX, and was educated in Japan. He earned a math degree at the University of Texas, then joined the Navy. He served on active duty in the Mediterranean as a fighter pilot. After graduate work at Johns Hopkins, he joined SRI in March 1974 as a senior research engineer in the Engineering Systems Division. He was a Deputy Division Director in the Systems Development Division when he retired in April 1991.

Perry loved classical music and Shakespeare, but his greatest love was hiking.

He led hikes for the Sierra Club, of which he was a longtime member. He hiked almost daily in Edgewood Park in Redwood City, where he made many friends on the trails. In fact, he was on his way to Edgewood when he was killed. Big Bend National Park (TX) was another of his favorites.

Survivors include his wife Cindy Lockhart of Menlo Park, and a brother Joe of Littleton, CO.

N. Robert Maines

Nobel Robert Maines, 86, died on June 12. He was a founder of SRI's long-running Long-Range Planning Service, LRPS.

Bob Maines was born in Kensington, Ohio, in 1917. He studied at Cal Tech, then transferred to UC Berkeley. He met Virgina Nye on a job assignment in Kentucky and they were married in 1944. Bob joined SRI in January 1953 as an Associate Industrial Engineer in the Economics Research Division.

Bob was the Manager of the Long-Range Planning Report Services in the Economics Division when he left SRI in October 1960. He moved to New York to become the VP of Long-Range Planning for J. C. Penney. He retired in 1977 and, in 1979, moved to Santa Barbara, where he served for many years on the Board of the Santa Barbara Metropolitan Transit District.

Bob had many hobbies and interests. He held a private pilot's license and directed and scripted home movies. He was a member of Moxon-Chapel, a group of Bay Area hobby printing presses. He also collected stereopticon slides and enjoyed jazz.

In addition to his wife of 59 years, Bob Maines is survived by daughters Patricia ("Pam") Ostendorf of Santa Barbara and Penelope Maines of Gorman (CA), and grandsons Devon and Dylan Ostendorf.

Robert O. Shreve

Robert Owen Shreve died of a heart attack on November 9, 2002. He was 84.

He worked at SRI for more than 32 years, first as a Transportation Economist and later as a manager.

Born on Feb. 16, 1918, Shreve was raised in Palo Alto where he excelled in baseball and football at PAHS and became an Eagle Scout. Knee injuries in his freshman year at Stanford curtailed his athletic career, but he had also won an academic scholarship and he majored in Economics and Transportation. He stayed on at Stanford to earn an MBA.

His first job, at the Port of Oakland, earned him a deferment—to his chagrin—during WW II. He joined SRI in October 1948 as Transportation Economist in the Business and Economics Department. When he retired at the end of April 1981, he was the Administrative Director of the Industry and Systems Consulting Division.

IN MEMORIAM (Concluded)

Robert O. Shreve (Concluded)

During his tenure, he served more than 20 years in the International Division, which involved a lot of travel. Bob and his wife Honey lived in 15 countries during this period. He worked for the U.S. Army during the Korean conflict, successfully clearing the blocked beaches of South Korea of piled-up materiel. He was also in Vietnam during the TET offensive, escaping the bombing of his hotel uninjured.

After retirement, Bob worked 5 years with International Research for Retired Executives, which involved more travel. The last eight years of his life were spent in a retirement community in Portland Oregon. He was partially disabled by a stroke in 1999, but continued to enjoy an ambulatory life.

In addition to his wife, Bob is survived by a stepdaughter in Sacramento and twin stepdaughters in Portland.

Lucille Steelman

We received word just before press time of the death of Lucy Steelman, retired Director of the SRI Library and longtime Secretary of the Alumni Association Steering Committee. She worked at SRI from 1961 until 1997. She was 71, and died less than six months after being diagnosed with leukemia. No services are planned. We hope to have more details in our next issue.

IN SYMPATHY

Friends of **Judy Blackford** were saddened by the death on August 10 of her husband **Fowler Biggs**. He was 85.

Born in Dayton, Biggs was a graduate of Ohio State University and Howard University School of Medicine. He trained in obstetrics and gynecology at Harvard, and served as a captain in the U.S. Army Medical Corps. In 1960, he entered the psychiatry residency program at Stanford. He and Judy were married in 1969.

Dr. Biggs worked in private practice for 37 years, serving also as a consultant to numerous government agencies and community health groups. In 1978, he founded the Hope Rehabilitation Services for the mentally disabled—the first of its kind in California.

Judy is the long-time VP and Manager of the Chemical Business Research Division.

Editor's note: Our list of departed colleagues is incomplete. We depend on other Alumni to let us know of the deaths of our far-flung members. Please send information to Bob Schwaar (schwaar@pacbell.net) or by US mail to the Alumni Association at SRI, Room AC-110.

