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AUGUST 2005 NEWSLETTER

MESSAGE FROM PRESIDENT BOYD FAIR



Photo by SRI Security

Greetings! Your August edition of the triannual Newsletter has arrived!

This “international” issue contains articles and pictures of recent activities at Menlo Park, Japan and Italy. I think that you will find the article about the Spring Fling to the Hiller Aviation Museum of particular interest, with many pictures of your SRI colleagues and friends who attended the event. If you haven’t been to the museum yet, let me tell you that it’s a great place to visit.

As most of you know from the recent barrage of TV and radio advertisements, Disneyland turned 50 years old this year. Did you know that SRI had an early project to help determine Disneyland’s site location and assist Walt in the original operational planning? Read about it in the enclosed article; then you can get more information from Don Nielson’s recent book “A Heritage of Innovation”.

After you read about “Project Mickey”, you can find out what some of your old friends are doing now. I bet you didn’t know about all the hidden talents possessed by the “people down the hall” when you worked at SRI.

As you know, SRI continues to do important and significant research in many varied fields. Inside, you can learn more about some of the interesting current SRI research activities. In addition to the interesting and challenging work being performed by current SRI staffers, the work environment is great too. Read about SRI being chosen one of the top 100 “best places to work” in the Bay Area.

There have been some changes made in your Association. The Steering Committee has obtained some significant financial donations from the SRI Federal Credit Union and the SRI HR group (our interface to SRI International).

The Credit Union has agreed to underwrite our mailing cost up to \$2500 per year and SRI has donated \$4000 to support our social events and allow us to keep the cost to the alumni at a modest level. I wish to say a particular thank you to Ms Hope Donovan-Bowles of the Credit Union and Ms Jeanie Tooker of SRI’s HR department for their help in making this possible.

Another recent change is the addition of Dean Babcock to the Steering Committee, as the chairman of our Internet Committee, the name of which will be changed to “Web Page Committee.” Dean will be assuming the leadership of the alumni web page redesign and maintenance. So if any of you have suggestions or want to help, contact Dean at alumni@sri.com. Thanks Dean; it’s nice to have you as part of the Steering Committee!

Now, we need your help. We are aware that numerous e-mail addresses in the directory are no longer valid. Joyce Berry tries very hard to keep our alumni database current but relies on member notifications for corrections, additions, or changes. Please review your listing and notify us of any changes so your friends/colleagues can stay in touch with you.

Several of you have taken the time to tell us that you really enjoy reading the Newsletter. We appreciate your feedback and inputs. Please keep them coming. Bob Schwaar and Joyce Berry donate many hours of their time to perform all the tasks associated with putting the Newsletter together. Their efforts result in the best Alumni Newsletter that I have seen or heard about. A special thank you for Bob and Joyce!

Lastly, it is time to sign up for the fall reunion dinner. Last year’s event was well received and I am trying to make this year’s event even better. A flier is enclosed to make your sign-up as easy as possible. Please take a moment and fill it out when you finish reading the Newsletter. Read on and enjoy!..... Boyd

SPRING PICNIC AND MUSEUM VISIT

On May 24, some 55 alumni and guests gathered at the Hiller Aviation Museum at the San Carlos Airport, where we enjoyed a box lunch, docent-led tour of the collection, and plenty of chatter with old friends.

During our hour-long tour through the main gallery, we saw many unique examples of planes and helicopters old and new, and were able to examine a mockup of the front 45 feet of a 747.

Many of the exhibits relate to the history of aviation in the Bay area. One of the earliest is the little-known Avitor, a heavier-than-air

unmanned airplane, powered by a 1 hp steam engine, that flew one mile at a field near the present-day SFO—in 1869!

We were able to look into the large picture window of the restoration shop where work is in progress for the Hiller museum and other museums, including the Smithsonian.

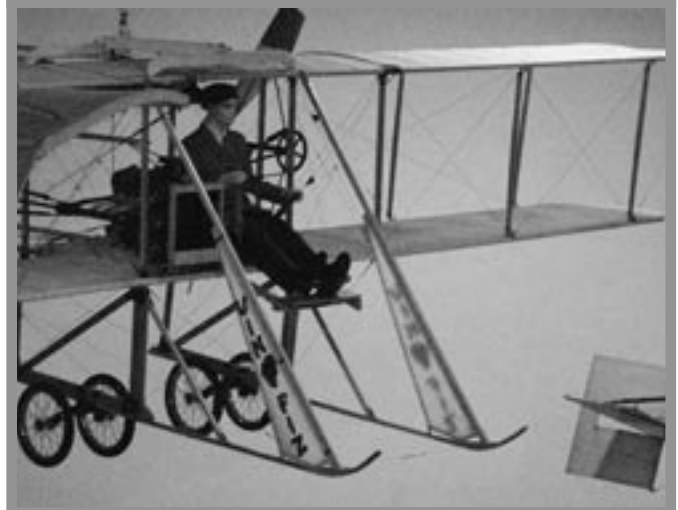
After an opportunity to examine memorabilia on sale in the large shop, we all agreed that the Hiller Aviation Museum would be a great place for a return visit with the family.



*Museum Photos by:
Don Berry,
Jim Hodges,
John Leung,
and
Bob Schwaar.*



SPRING PICNIC AND MUSEUM VISIT (Continued)



SPRING PICNIC AND MUSEUM VISIT (Concluded)



*More Photos
On Page 16.*

NEWS FROM SRI JAPAN

SRI technology was exhibited in July 2005 at the Orgatechno trade show in Tokyo. One of the SRI exhibits won the award for outstanding technology. This trade show focuses on nano-based organic materials, devices and technologies.

Major exhibits from SRI included:

- Polyketone technology (donated by Shell): Carilon. A new engineering thermoplastic; Carilite, an environmentally-friendly thermoset resin, ideal for wood glue; and Cariverse, a new reversible thermoset process.
- Pre-ceramic and silicon-based polymer technology for cost-effective robust coatings.
- Organic-inorganic hybrids for durable and functional materials and devices.
- Portable X-ray computer tomography system for medical, security and commercial applications.
- Portable active neutron interrogation systems for national security and commercial applications.
- Hydrogen sensors using optical and electro-chemical principles.



*Photos by:
Masahide
Tashiro*



- Electroactive polymer Artificial Muscles (EPAM) for applications including robotics, variable texture surfaces, micro devices, speakers, and medical applications.

This last exhibit, displayed and presented by Dr. Chiba of SRI International Japan, received the show's Outstanding Technology Award, selected by a committee that included Nobelists Professors Noyori and Shirakawa. The award was presented by Prof. Noyori



Left-to-right, Prof. Noyori, Dr. Chiba.

(at left in photo), president of the Institute of Physical and Chemical Research [this government laboratory, called Riken, is analogous to the US's AIST].

--reported by alumnus Masahide Tashiro, now at the MSA Institute, Chiba.

CORRECTION

The description of the party in Tokyo that appeared on page 3 of the April 2005 issue had a confusing error. The second paragraph should include the following correction:

“. . .The dinner party was started at 6:30 p.m., introduced by brief beginning words by Jun Shimosato and followed by toasting with beer led by party chairman **Osamu Kamatari**. Then **Osamu Karatsu**, Representative of SRI International Japan, presented the celebrating words to Tak. . .”

We regret the confusion of the two Osamu K.'s. They are properly identified in the accompanying photos.



Osamu Kamatari



Osamu Karatsu

SRI'S ROLE IN THE CREATION OF DISNEYLAND

As Disneyland marked its 50th anniversary last month, SRI alumni can note with a smile that not all of SRI's projects involved high tech or high finance. SRI was less than seven years old when it was approached by Walt Disney to advise on the "small playground" that he was contemplating. Before they were done, the SRI project team had helped create a successful launch of the world's first theme park and log one of SRI's most unusual projects.

The whole story of SRI's involvement, and the beginning of its reputation as a pioneer in research on recreation and tourism, is told by Don Nielson in his 2004 book, "A Heritage of Innovation" [pp. 14-17 through 14-20] from which this article is adapted with permission.

While Walt Disney and the Disney studios had a remarkable vision of an amusement park and what it might contain, they had few skills related to designing, building, or managing it. One fateful day, Walt Disney himself phoned the Los Angeles SRI office and spoke with Harrison "Buzz" Price. By the end of that day SRI had secured two Disney projects.

Although these first projects ["Project Mickey," as it is termed on the Institute's project logs] lasted just about 6 months, the SRI project team would come to exercise considerable influence over the location and operational design of the park. Starting in June 1953 and funded at \$27,960, Project Mickey became the first of many projects in tourism at SRI and certainly the one with the most lasting impact.

It soon became clear that the "little" park would need a lot more land and a lot more money to build. The leadership for the first phase of the project, site selection, came from SRI's Los Angeles office in the person of C.V. Wood (who used initials only), a first-rate entrepreneur. As evidence, by 1954, during the project's second phase, Roy Disney hired Wood to become the Executive Vice President and General Manager of Disneyland and to oversee construction of the park. As a result, SRI's Price led the second phase, which concentrated on economic feasibility and planning.

The first phase of the SRI work was related to location and demographics. Initially, the SRI team compared 10 regions in the Los Angeles basin. About 100–200 acres were sought, somewhere in Los Angeles County or

Orange County. Walt Disney's only stipulations were that he wanted a flat place that was not near the beach. On the basis of climate and access to population, the region was narrowed to one encompassing 5 miles on either side of the Santa Ana Freeway and extending from the Los Angeles County line to Santa Ana. By August 1953, SRI reported that its first choice was the 139-acre "Ball Road Subdivision" along the Santa Ana Freeway and east of the San Gabriel River. The Disneys agreed.

These avocado, citrus, and bean farms, then, would yield to one of the world's most famous kingdoms. The land price, from some 17 owners, was expected to average about \$6,200 per acre. It was bought for less—\$4,600 an acre. This phase of the project went so well that, as mentioned, Roy Disney later offered Wood the job of constructing Disneyland. Wood asked his former colleague from SRI Menlo Park, Bill Platt, to undertake ongoing financial tasks and some supervision of construction, scheduled for a remarkably short 18 months.

The second or operational planning phase began in about October 1953. This aspect of the study started with initial assumptions about attendance that predicted a peak rate of perhaps 28,500 visitors per day, with a total of 2.5 million visitors per year. By the end of the study, however, attendance estimates were pegged at 5 million per year and capital requirements at over \$9 million.

To understand such operations better, SRI held discussions across the United States with more than 10 major amusement park operators, four ride manufacturers, and others. SRI's financial planning was detailed and included revenues from parking, admission, rides, food, and souvenirs; the operating organization required; and even the type and number of turnstiles to be used.

The construction of Disneyland was both a marvel and a nightmare. The 18-month schedule was tight under the best of circumstances, all of which seemed to be absent. Trees tagged red and green for removal or not all fell to a color-blind bulldozer operator. The watercourses, so prominent in the design, wouldn't hold water in the loamy Orange County soil. Construction was also plagued by both strikes and bad weather.

Perhaps most importantly, all this effort was totally new, and in many cases the designers had to make important changes during the course of construction.

SRI'S ROLE IN THE CREATION OF DISNEYLAND (Concluded)



Figure: The designing of Disneyland: (clockwise) The Orange County property, Walt Disney with C.V. Wood and Harrison Price of SRI, a rodential consultant, an artist's sketch, and the Disneyland Castle under construction (from Don Nielson, with permission)

These “unpredictables” all had their cost impacts, and the rising costs were ominous.

But then Wood came up with the creative notion to offer major vendors a promotional tie-in to the park; that is, allowing them to become an “official” airline, soft drink, hotel, etc. These associations helped cover the growing gap between the initial estimate of around \$9 million to the \$17 million it took to open the doors.

Almost exactly 2 years after SRI became involved, Disneyland opened on 17 July 1955. The opening was planned for 15,000 invited guests. However, tickets came to be issued freely, even duplicated, and the crowd swelled beyond any expectation. Some enterprising people even placed ladders over the barbed wire near the stables at the back of the park and were charging \$5 per entrant to use them. Traffic on the approaches was horrendous, and the total inflow reached perhaps 33,000 people on what came to be called Black Sunday. The SRI project team was even involved in directing traffic on opening day.

Other aspects of the first day did not go well. Rides failed, food ran short, a gas leak occurred, asphalt was not yet set; the hurried schedule had undoubtedly caught up with them. But the kinks were worked out in a few weeks,

and Disneyland was an “immediate” success. Crowds continued to be substantially greater than those for which anyone, including SRI, had planned.

But Wood's days at Disney were numbered. Though they had dealt with countless construction difficulties, including the trade unions' impact on a tight schedule, hiring and training people, and traffic and parking, the early operations were not at all smooth. Because of operational glitches and in part because his strong leadership skills were a bit in competition with his boss, Walt Disney, sometime in late 1955 Wood lost his job.

During the construction, Price continued SRI's pre-opening work for Disneyland in the area of merchandising, which eventually developed into 30 Disneyland shops. By the time Disneyland opened, the site had grown to 190 acres and included space for the Disneyland Hotel.

Also during the construction period, Disney and the adjacent town of Anaheim worked to annex Disneyland. Part of the background for that annexation was another Disney-sponsored SRI study by Platt that revealed the cost benefit of Disneyland for Anaheim.

This was the first venture for SRI people into the tourism world. It is a tribute to their talent that these people helped Disneyland off to a good start, showing where it should be located and that for its expected level of attendance it could be profitable. Given the uniqueness and complexity of construction, including mundane problems like getting the porous soil to hold a lake, the construction phase was amazingly short. The first year's attendance reached about the 5 million SRI had estimated but, needless to say, the popularity of the park thereafter far outstripped anyone's estimates. That first year, each person left behind \$5 in expenditures, an amusement park record.

The
Jays
 of Summer

WHAT ARE THEY DOING NOW?

Bob Eustis was an early member of the SRI staff before he left in 1955 to become a fulltime Professor of Mechanical Engineering at Stanford. Now 85, Bob was the subject of a feature article in the Palo Alto Weekly [May 20, 2005] that described some of his ventures since his 1990 retirement.

He has grown his interest in wood furniture building into a commercial success. His Menlo Furniture Designs, Inc. now makes sleek Danish-style chairs whose design include a hidden steel rod joint that Eustis invented and patented. Bob also has an invention on aging wine, and he somehow also finds time to indulge his interest in gardening.

In 1972, Bob and his best friend Joe Willits bought and restored a 1958 Bentley. After Joe and Kay Eustis died in 2003, Bob and Phyllis Willits married.

Phyllis brought the Bentley with her.

Anne Peterson has continued her keyboard performing, teaching, and composition. [See the August 2004 SRI Alumni Newsletter, p. 11.] She was moved by the tragic death of an urban cougar—remember the cougar who was found in a tree in Palo Alto last year and had to be shot by police?—to compose a short suite, “Cougar Love”. Organized as a theme and four variations, the melodic work is scored for soprano, piano, synthesizer, cello, and recorders. The 10-minute CD is available for \$6.

Oldtimers may remember **Jane Simons**, a draftsman in the Physics Department from 1952 through 1957, before she left for motherhood and a career in interior design, a field for which she had trained at UCLA. She recalls that her work at SRI took her to Mercury, Nevada with a top-secret clearance, where she viewed from a seven-mile distance a number of nuclear explosions. Knocked to the ground by one explosion, she nevertheless continued to admire the curiosity and enthusiasm of physical scientists.

In December, Jane moved into The Sequoias Retirement Community in Portola Valley, where she is redecorating her large studio apartment and making new friends.

Also at The Sequoias is **Phil Sorensen**. After earning a PhD. in Educational Psychology at Stanford, he came to SRI, where he was a senior research

psychologist from 1956 until 1983. He remained active as an independent consultant for seven years; his clients included the Kingdom of Saudi Arabia, for whom he did education and manpower planning.

Besides golfing, Phil is now keeping the books for the store at The Sequoias, serving on their Disaster Committee, and doing some gardening. In the wider community, Phil is the former President of the Fellowship Forum of Palo Alto, a board member of the Palo Alto Jazz Alliance, former President of the Stanford Golf Club and former board member of the Community Association for Rehabilitation.

Bob Whitten (aka R. Craig Whitten) writes from Cupertino to tell us that his new novel *The Gold and the Icon* has been published, and he provided a synopsis of its fast-moving plot:

“After the murder of his wife, Major Mikhail Minnik of the Russian Army and his brother-in-law, Captain Third Rank Yevgeny Andreev of the Navy, are sent by Mikhail’s commander, General Georgii Fedorov, to Moscow on the TransSiberian Express. They have specific instructions to look for contraband nuclear weapons and if they find any to inform Fedorov so that they can be seized. The train is stalled in Siberia to await the arrival of a Russian general transporting a suspicious cargo. Helped by an American nuclear scientist—Arthur “Scottie” Campbell, whom they had rescued from Chechen bandits—they discover the contraband and witness its surprising and unintended disposal.”

The book is available in paperback for \$21.95 from PublishAmerica [www.publishamerica.com/books/8016].

ALUMNI REUNION REMINDER

THURSDAY, OCTOBER 20, 2005

SRI INTERNATIONAL BUILDING

4 TO 7 P.M.

INVITATION IS ENCLOSED--RETURN
YOUR RESERVATION BEFORE
OCT. 3, 2005.

MEMBERSHIP RENEWALS MAY BE
INCLUDED IN YOUR REUNION
ENVELOPE!

WHERE ARE THEY NOW? (Concluded)

Opera in Italy—an Update

We reported earlier [April 2005 Newsletter, p.5] that **Gia Campari** would be conducting an Opera Singing Workshop in Fidenza, Italy from July 26 to July 3. We asked her how it went, and here is part of her report:

“. . . The event went extremely well – it was the best day of my life! About 160 friends turned up from all over the world, literally: USA (7 from California, 7 from Chicago, 2 from Massachusetts and one from New York); Australia, Sweden, England, Scotland, Poland, France, Germany, Switzerland, Finland and of course Italy. 42 of them sang

(the day before directing my friends he was directing Angela Georgiou in La Boheme at Covent Garden!) and an exceptional opera coach and pianist, Mary Hill.

“I sang an aria and a duet with a friend who is a professional mezzo-soprano, and also sang in a couple of scenes from operas with 5 other soloists. Then we had a buffet dinner and dancing lessons (jive)!



in the chorus, which meant that they had to learn four opera choruses in Italian (three from Verdi operas - Oberto, Macbeth and La Traviata - and one beautiful prayer from “Moses in Egypt” by Rossini) and turn up a couple of days before for the rehearsals. They were coached by three professionals: Dennis Knight, who was the chorus master and repetiteur at the Royal Opera House in London for 30 years; Richard Gregson who is a Stage Director and still works for the Royal Opera House



“Some SRI alumni are staunch supporters of these events and have come to all three of them. They are Heinrich Schwendener, who came from Switzerland with his wife Brigitte, and Andrew Flower who came from the UK with 6 other family members!”

Brava, Gia!

Photos courtesy of Gia Campari

Other Alumni News

Wing Sien Fong was recently honored for his 50 years of membership in the American Chemical Society. A chemical engineer, Fong worked in the Process Economics Program for more than 25 years until his retirement in 1997.

Mike Villard, who died in January 2004 [April 2004 Newsletter, p. 10.], provided in his will for a \$3,000,000 unrestricted bequest to Stanford University. Stanford has used a part of the gift to create the Oswald G. Villard University Fellowship in Undergraduate Education. Villard, known for his pioneering work in radio and radar, served at SRI from 1970 until 1988, and was a member of the electrical engineering faculty at Stanford for more than five decades.



NEWS FROM SRI

Vaccine Researchers Combat Biothreat Agent Ricin

SRI is working with DOR BioPharma, Inc. and Cambrex Corporation to develop a recombinant vaccine, RiVaxA™, the first ricin toxin vaccine to be clinically tested in humans. It is intended to offer protection against exposure to the deadly ricin toxin, a potential biothreat agent. SRI will optimize the immune response to the vaccine and perform preclinical safety testing to meet efficacy and safety requirements of the U.S. FDA.

In September 2004, the National Institute of Allergy and Infectious Diseases (NIAID), a unit of NIH, awarded DOR BioPharma a Challenge Grant for development of a vaccine. DOR recently announced positive interim results from its ongoing Phase I clinical trial of RiVax vaccine, licensed from the University of Texas. Process development and large-scale manufacturing are being conducted by Cambrex.

SRI's considerable expertise in preclinical drug development will help move this potentially life-saving vaccine further into the clinical-trial stage," said Rae Lyn Burke, Ph.D., director of the SRI Center of Excellence for Infectious Disease and Biodefense. "The availability of a ricin vaccine would greatly reduce the threat of this extremely toxic substance."

SRI is a leading provider of preclinical development services for anti-infective therapeutics and vaccines. Under separate NIAID grants, SRI's Biosciences Division (www.sri.com/pharma) is also testing potential smallpox and HIV vaccines. SRI also works with the National Cancer Institute (NCI) and numerous private biotechnology companies on development of vaccines and anti-infective therapeutics. More than 10 therapeutic products based on internal research conducted at SRI have advanced to clinical trials.

SRI Studies Future Prosperity of Rural America

Rural America is in a unique position to re-discover its economic value, according to an SRI study released in April. The study [www.sri.com/policy/csted/reports] was commissioned by the Federal Home Loan Bank of Des Moines, one of 12 regional banks that make up the Federal Home Loan Bank System. SRI's Center for Science, Technology, and Economic Development reviewed many existing studies on rural America, examined an array of federal programs and policies, and organized the

information into a forward-looking report for the economic advancement of rural America.

The wide-ranging study found that in both rural America and Washington, D.C., the focus is generally on problems rather than solutions. The study further revealed that the rural economy is diverse, moving beyond agriculture, while policy and funding have not kept pace.

SRI developed a "Competitiveness Web Model" that demonstrates overall economic competitiveness in rural America. SRI applied this model to each of the bank's five states of operation – Iowa, Minnesota, Missouri, North Dakota, and South Dakota.

Although agriculture is declining in its share of the economy, the study shows the bulk of federal support remains primarily in direct subsidies to agriculture. The study illustrates a need to review federal programs for rural America.

The study found that 337 "key" federal programs were fragmented among many departments and agencies, offering little flexibility to accommodate different circumstances among communities, and complicating access to resources.

Assets on which rural America can build include steadily improving education, low cost of doing business, high quality of life, and increasingly high levels of entrepreneurship and small business development. Liabilities include declining population, difficulty retaining educated residents, and lack of employment opportunities, particularly in growing economic sectors.

The study's authors suggest a renewed, stronger focus on assets and opportunities for rural America to reclaim its prosperity. The study recommends consolidating multiple programs, avoiding duplication and making them easier to find and use; greater flexibility in terms of assistance and timeframes, and co-investment by rural communities, businesses, and institutions.

SRI's Cancer Biology Program is beginning a second phase of an important grant from the National Institute of General Medical Sciences (NIGMS, a unit of the National Institutes of Health) to model complex mammalian signaling networks based on signaling of the epidermal growth factor receptor (EGFR).

NEWS FROM SRI (Concluded)

Mathematical Modeling of Biological Systems

SRI's Cancer Biology Program is beginning a second phase of an important grant from the National Institute of General Medical Sciences (NIGMS, a unit of the National Institutes of Health) to model complex mammalian signaling networks based on signaling of the epidermal growth factor receptor (EGFR).

The NIGMS grant provides support for the mathematical modeling of complex mammalian signaling and other biological networks, using SRI's unique formal methods tools. These tools may prove useful in validating novel therapeutic targets and predicting the side effects of experimental therapies. This could dramatically speed drug development and improve the safety of new drugs — two major issues for pharmaceutical and biotechnology companies today.

In the project's first phase, SRI demonstrated a novel computational approach to help researchers create, analyze, and test models of complex EGFR signaling networks. The approach uses SRI's patent-pending Pathway Logic (TM) pathway analysis software to model biological entities and processes. In the second phase of the project, SRI will increase the utility and predictive capabilities of Pathway Logic. This phase will include development of the Pathway Logic Assistant, an application of the Inter-Operability Platform (IOP). With IOP as the infrastructure, SRI researchers will begin to integrate a user interface, a model repository, new visualization tools, and various biological databases into Pathway Logic.

The ultimate research goal of Pathway Logic is to create models of large-scale signaling networks in defined cell types—computational models of mammalian cells.

50 Years of Drug Discovery and Development at SRI

SRI International's Biosciences Division celebrated 50 years of drug discovery and development at the BIO 2005 show in Philadelphia in June.

Since the 1950s, SRI's Biosciences Division has helped to develop more than 100 drugs in clinical trials or on the market. SRI's current research and development (R&D) pipeline includes drugs for cancer as well as cardiovascular, central nervous system, and infectious diseases and conditions.

SRI is also working to discover the molecular bases for sleep disorders, which could lead to improved treatments for insomnia, jet lag, age-related sleep disturbances, fatigue, and narcolepsy.

SRI has also had a long association with the National Institute of Allergy and Infectious Diseases (NIAID). Since 1991, SRI has been the sole contractor for the pre-clinical safety testing of drugs for the treatment of many infectious diseases, including AIDS, tuberculosis, malaria, and sexually-transmitted diseases.

In the 1970s, SRI developed halofantrine for the U.S. Army as a treatment for drug-resistant malaria. The FDA approved halofantrine as an antimalarial in 1992 under the brand name, Halfan®. Distributed by the World Health Organization (WHO), the drug has saved countless lives.

SRI has conducted biomedical research under NIH sponsorship for more than 50 years, beginning in the early 1950s with grants from the National Cancer Institute (NCI). Bexarotene was discovered at SRI and is marketed for cutaneous T-cell lymphoma. SRI has more than a dozen cancer drugs in R&D, including two in Phase II Clinical trials and one in Phase III clinical trials.

Fuller discussion of all these items is found on the SRI website under Press Releases

SRI One Of The Bay Area's 100 Best Places To Work

At an awards banquet April 6 at the Four Seasons Hotel in San Francisco, the San Francisco Business Times recognized SRI as one of the 100 best places to work in the Greater Bay Area. The award, which is based in large part on an employee satisfaction survey, was granted to SRI for its exceptional work environment, benefits, policies, and practices.

The awards were sponsored by three Bay Area business journals--The San Francisco Business Times, Silicon Valley/San Jose Business Journal and East Bay Business Times. The list was featured in a special supplement in their April 8 issues.

The founding partner for the award program is Deloitte, and additional sponsors are Kaiser Permanente, Keller Graduate School of Management and DeVry University, Nixon Peabody LLP, Northern California Human Resources Association, Bay Area Council and Quantum Market Research.

NEWS FROM THE CREDIT UNION

<ul style="list-style-type: none"> ■ Competitive & Flexible Certificate Rates ■ Competitive Savings Rates ■ Home Equity Lines of Credit ■ Home Mortgages ■ Visa Credit Cards with Tailored Rates ■ Free Checking with ATM Fee Rebate ■ Free Online Banking & Bill Payer ■ Free Notary Services for Credit Union Members 	<p style="text-align: center;">SRI Federal Credit Union is pleased to support the activities of the SRI Alumni Association. Your colleagues who are Credit Union members already know that they can count on the Credit Union for superior banking service. If you are not a credit union member, join today and find out for yourself the benefits of a financial institution focused on you.</p> <div style="text-align: center;">  <p>SRI FEDERAL CREDIT UNION www.srifcu.org 800-986-3669</p> </div>
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RECENT RETIREES

March 2005 - Mary Lou Joyner, Senior Paralegal in the General Counsel's Office, after 32.7 years of service.

April 2005 - Michelle L. Romero, Scientific Project Administrator in the Toxicology Laboratory, after 19.9 years of service.
 - Theresa P. McHenry, Senior Research Engineer in the Radio Sciences and Engineering Division, after 16.6 years of service.
 - Jean Melden Stockett, Specialist Technical Writer/Editor in Engineering Science & Systems Development, after 16.4 years of service
 - Bernard Wood, Senior Staff Scientist in Physical Sciences Division, after 31.7 years of service.

May 2005 - David Armstrong, Receiving Records Coordinator in Human Resources, after 24.8 years of service.
 - Judy Ann Clayton, Senior Security Professional in Security Services, after 17.0 years of service.
 - William L. Byrd, Carpenter in Human Resources, after 20.8 years of service.
 - Michael Tracy, Vice-President of Corporate Business Development for Biotech, after 24.3 years of service.

June 2005 - Patricia Lubman, Administrative Assistant in Support Operations, after 20.0 years of service.
 - James P. McNamara, Senior Director in the Physical Sciences division, after 17.8 years of service
 - Lucy Ann Morton, Project Manager in the Physical Sciences division, after 22.3 years of service

IN MEMORIAM

Cathie Ailes

Cathie Ailes, SRI Senior Fellow and former Director of the Science and Technology Policy Program in SRI's Center for Science, Technology and Economic Development, passed away on April 21 following a long illness.

She was hired in March 1975 as a Research Analyst in the Strategic Studies Center in SRI Washington's office.

In her distinguished 30-year career at SRI, Cathie became one of the world's leading experts on U.S. and international Science & Technology programs and policies. She led scores of SRI projects evaluating Science & Technology and exchange programs for the National Science Foundation, the State Department and other clients, and published widely on Science & Technology cooperation activities. At the time of her final illness, Cathy was a Principal Scientist in the Center for Science, Technology & Economic Development.

Ken Colmen*

Kenneth S. Colmen died on May 9 at his home in Redwood Shores, following a short illness. He was 78.

Ken was born in Pittsburgh, PA in Sept, 1926. He earned a bachelor's degree in Aeronautical Engineering at Georgia Tech in 1946, followed by an MBA from Cornell and a PhD. in Economics from American University in 1956.

He had a distinguished career both in government and industry. He served as a naval officer on Pres. Eisenhower's staff and was director of the Institute for Defense Analysis.

In the private sector, he was president of P&F Industries, president of Thermatool, and vice-president of AMF Alexandria. He joined SRI in 1978 as a Senior Management Consultant in MED/Management Consulting, and was vice-president of the General Mgmt. Consulting Division when he left in 1985.

But less than two years later, he signed on again as a Principal Management Consultant in the Manufacturing Industries Division, International Business Consulting Group. When SRI Consulting was formed in 1996, Ken became part of its Technical Management & Innovation Center. His work took him on many journeys to Europe, Africa, and the Americas.

Fred Weil says that he has many good memories of working with Ken, and always thought that "Ken was one of the most effective consultants at SRI, and a good people person."

Ken served on the Citizens Advisory Council to the San Mateo Transit District, and on the boards of the National Technological Institute, the Bird Coler Hospital (NY), and the Kainos Home and Training Center.

An interest in art, especially that of the Impressionist painters, was among Ken's avocations.

Ken is survived by his wife of 55 years, Leila, and his daughter, Patricia Jane ("PJ").

Estrada Fanjul

Estrada "Strad" Fajul died in November, 2004 at age 83.

Strad was born in Havana, Cuba in Sept. 1921. His father Emilio had come from Spain, a part of the Fajul family that has since become prominent in the sugar industry in Cuba and Florida. Strad was only

five when his father died and he came with his mother to live in Red Bank, New Jersey.

He was a member of the Class of '44 at Cornell, but his studies were interrupted by WW II. Strad served in the Army Signal Corps, with duty in the South Pacific, including Kwajalein. Back in Red Bank, he met Phyllis Munson, whom he married in 1949, and who survives him.

Strad was hired as a Design Draftsman in the Electrical Engineering Department in March 1951. In the course of his long career at SRI, Strad earned a degree in Commerce from Santa Clara in 1962. He was a Senior Business Manager in the Systems Technology Division when he retired in June of 1984.

Strad was part owner of a riding stable on Arastadero Road, but it was operated by Phyllis. Strad was not a rider; he preferred golf and fishing. He liked to fish in the ocean, the Bay, or the river, and he kept a boat in the Delta. After he retired, the Fajuls moved from Mountain View to a home on Lake Oroville, where he continued to enjoy fishing.

In addition to his wife, survivors include sons Peter of Minneapolis, Roger of Visalia, and David of Modesto; four grandsons, two granddaughters; and four brothers.

Peg Gunn

Margaret (Peg) Gunn, whose 20+ years of civic service included two terms on the Menlo Park City Council and two years as mayor -- the first female mayor of the town. She died February 13 at the Villa Siena retirement community in Mountain View. She was 87 years old.

Born in Brooklyn, New York, Ms. Gunn earned a bachelor's degree in history from Notre Dame College for Women in Staten Island, New York in 1938.

In 1942, she married Jack Gunn, and the couple raised three children. The family moved to Menlo Park in 1959, becoming active in the Nativity parish. Ms. Gunn served as president of the Nativity Women's Club.

As her children matured, she went to work for SRI International in 1967, beginning as a clerk for classified documents. She was an assistant buyer in Purchasing when she left in 1976.

Ms. Gunn became active in Menlo Park civic affairs in the late 1970s, when she organized neighbors to lobby the City Council for help in resolving traffic problems on Santa Margarita Avenue.

She served on the City Council from 1980 to 1988, then on the fire board from 1989 to 2001. In addition, Peg served for nine years on the Citizens Advisory Committee for SamTrans.

Other community projects included her role as co-founder of CPJW, a coalition of Catholic, Protestant and Jewish women who purchased a home in East Palo Alto to create a full-time day-care and job-training center for underprivileged women returning to the workforce.

Peg was preceded in death by her husband, Jack, who died in 1998. She is survived by her children, Richard Gunn of Kentfield, and Moira Gunn and Margaret Gunn of San Francisco; and six grandsons.



IN MEMORIAM (Concluded)

Louis Heynick*

Louis Heynick died on April 6 at his home in Palo Alto of lung cancer. He was 86.

Born in 1919 in Brooklyn, he received a BS in physics from Brooklyn College in 1941, followed by a master's degree from Columbia.

Lou joined SRI in 1963 as Director of the Physical Electronics Laboratory. He became an expert in electromagnetic fields and radiation, especially field emission devices, in which he held several patents. He was an Editor of the Transactions of the IEEE. In 1974 he became a Senior Staff Physicist in the Electromagnetic Techniques Laboratory, where he explored an entirely new field, studying the biological effects of microwaves. He kept working at SRI in this field for more than 30 years, even beyond his 1984 retirement.

Lou was known for his sense of humor and his love of science fiction, technology, folk dancing, and music.

He is survived by his wife Yetta of Palo Alto; son Mitchell of St. Legiér, Switzerland; daughter Carla Garnett of Pleasant Hill; and a grandson.

Terry McCormick

Terrence James McCormick, 68, died on May 17 at his home in Mariposa after a long battle with cancer. His wife, son, and daughter wheeled his bed out on to the porch so he could spend his last hours enjoying the sun, birds and trees of his own property.

Terry, as he liked to be called, retired from SRI Security in June 2001, after more than 20 years of service. While at SRI, he attained the rank of Shift Supervisor and received several Letters of Appreciation. He was frequently seen at the front desk in Building A. Terry also earned a reputation as a raconteur.

Born in Philadelphia, PA, Terry came from a family of 11 children. He was a Navy veteran. Terry and his wife, Jackie, had 6 children. For over 30 years, until Terry's retirement from SRI, the McCormick family lived in Menlo Park and operated a home day care center. Many SRI employees utilized that service over the years.

Tom Parks

Thomas "Tom" Parks died on July 9. He began his SRI career in 1969. At the time of his departure in 1979 he was the Program Manager for the Food Technology Program in Life Sciences. No further details were available at press time.

Frederick Sawyer*

Frederick George Sawyer died July 23 following an extended struggle with idiopathic pulmonary fibrosis. Active at SRI in the '50s, Fred was 87.

Born in Brooklyn, New York, he held three degrees in chemical engineering from Brooklyn Poly (now the Polytechnic Institute of New York), receiving his Ph.D. in 1943. He later received a Distinguished Alumnus Award from the Poly Alumni Association.

He joined the staff of SRI's Air and Water Pollution Research Program in March of 1950. As assistant to the director of research, Fred was the liaison between research project sponsors and scientific staff. He was later the administrator of the multimillion-dollar program in environmental pollution, and an initiator of the Chemical Economics Handbook.

After leaving SRI in June 1953, Fred worked at the Ralph M. Parsons Company, as Manager of Public Relations, and at Jacobs Engineering as Vice-President. In 1963, he became a consultant specializing in communication and environmental studies.

In 1983, Fred was appointed Assistant Dean of the School of Engineering at UC Irvine. Passionate about teaching communication skills to engineers, he had standing room only in his classes.

After his retirement, he traveled the world and devoted himself to his other passions – writing and art. His offbeat, satirical essays were published in the Journal of Irreproducible Results, New Humor Magazine, LAF!, Active Voice, and Satire. His colorful acrylic abstract art pieces on handmade paper were sold and exhibited throughout the Southwest.

Frederick Sawyer is survived by his two daughters, Kathi Sawyer and Pam Wilkins; his ex-wife, Marjorie Sawyer; and a grandson, Ryan Spurlock.

Samuel Taimuty

Samuel "Sam" Isaac Taimuty died at Stanford Medical Center on June 15.

Born in 1917 in West Newton, PA, Sam earned a BS in physics at Carnegie Tech in 1940. He worked at US Naval Shipyards in Philadelphia and Long Beach during WW II, then earned a PhD in nuclear physics at USC in 1951. He served as a Senior Physicist at the US Radiological Defense Laboratory.

In July 1952 Sam joined the newly formed Radiation Physics Laboratory at SRI as a Senior Physicist, and later moved to the Poulter Laboratory with the same job title.

In June 1972 Sam moved to Lockheed in Sunnyvale, retiring from there in 1989.

Survivors include his wife Rosalie of Palo Alto; son Matthew and daughter Martha, both now living on the East Coast; three stepchildren; four siblings; and five grandchildren. His first wife, Betty Jo Travis, predeceased him.

*SRI Alumni Association Member

ALUMNI NEWS

NEW DATES FOR ALUMNI MEMBERSHIP RENEWAL

Letters for renewing Alumni membership for the year 2006 are included with the August Newsletter.

This year, renewals will be due by the date of the reunion, October 20, 2005. You may mail your renewal information with a \$12 check in the enclosed self-addressed envelope when you make your reunion reservations. You may include both on one check if that is more convenient for you.

Help us avoid the expense of sending out renewal reminders. All members who renew by mid-November will be included in the 2006 Alumni Directory, which we plan to mail out in December 2005.

WELCOME!

NEW ALUMNI MEMBERS

The SRI Alumni Association welcomes new members:

Marjorie Balazs
Howard Fiddy
Michael Frankel
Jason Hulse
Osama Karatsu
Patricia Lubman
Susan Swope

We look forward to your participation in the Alumni Association and hope to see you at our next group event.

ATTENTION: If your e-mail address is listed below, messages sent to you have been returned because of an error. Please contact Joyce Berry at berrydj@sbcglobal.net with your correct address. Thanks.

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DIRECTORY ADDENDUM

The enclosed addendum sheets (covering the period of March 31 to July 31, 2005) contains changes and/or corrections, new, and newly renewed members. Please add to your 2005 Directory.

MORE SPRING PICNIC AND MUSEUM PHOTOS

