Scientific research called top priority

By Peter Grier
Christian Science Monitor

WASHINGTON — In some areas, the United States has taken some licks from foreign competitors lately. But in scientific research, the foundation for technological progress, the United States is still second to none.

"There's no question that American science is vastly superior to that of any other nation," says George A. Keyworth, science adviser to President Reagan.

• In 1985 NASA will launch a telescope into outer space, allowing astronomers a look at the universe unobscured by the haze of Earth's atmosphere. "We'll see galaxies and planets we've never seen before," one scientist says.

• The Lawrence Berkeley Laboratory is building a center for materials research, where scientists will study such things as inexpensive carbon composites for use in gas turbines, and new types of super-alloys that use little or no scarce strategic minerals.

• The most recent discovery in high-energy physics came from Europe. But at America's imperial palace of high-tech, Fermilab near Chicago, workmen are installing a ring of super-cooled magnets that will make the facility the most powerful particle accelerator in the world.

• More mundane products emanating recently from U.S. labs include the Lemhi Russet potato, a modernized spud capable of outyielding the Russet Burbank by 30 percent; a stoplight synchronizer that might save 2.5 million gallons of gas a day by smoothing traffic flow, and a method of producing paper from short-fiber trees, saving long-fiber pine for housing and other purposes.

The United States spent about $77 billion on research and development (R&D) in 1982, according to National Science Foundation estimates — twice as much as all other industrial democracies combined.

The Reagan administration is treating science well.

The president's '84 budget increases federal R&D spending 17 percent, to $47 billion, with the hike primarily going to weapons development and basic research.

"Basic research is a federal trust" that will be a crucial factor in determining future U.S. economic competitiveness, Keyworth said.

While basic research in America has been forging ahead, says Keyworth, labs have become more and more isolated.

"Almost a chauvinistic attitude has developed, where the perception is that good, creative science is inconsistent with the profit motive," he says.

This "chasm," says Keyworth, makes it difficult for the country to address the most serious security threats facing the country today: "economic threats from competitors who have become more challenging and the fact that the technological gap between the U.S. and the Soviet Union has been very much reduced."

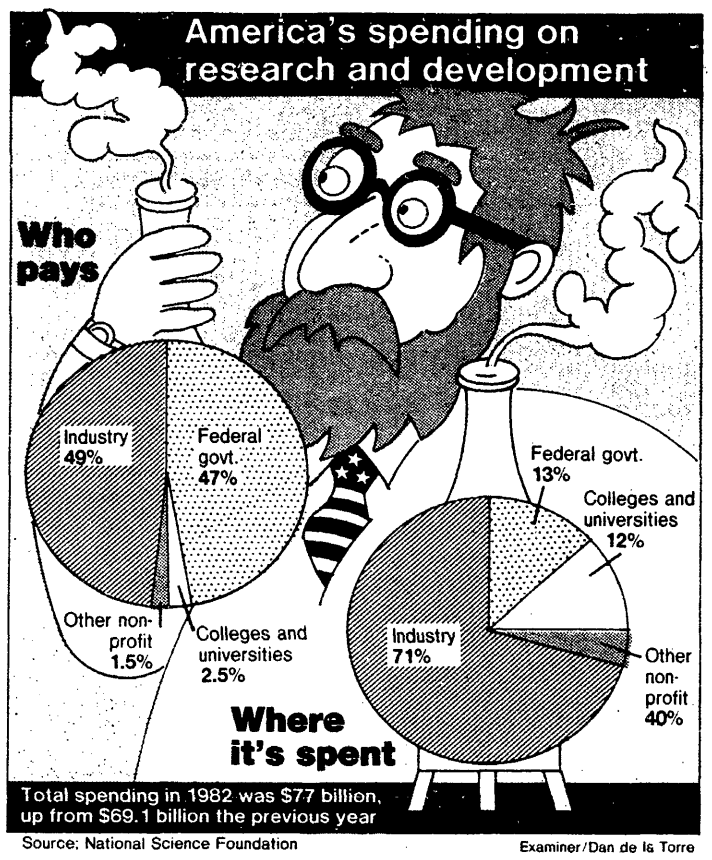
Changing the way U.S. science is organized may help close this chasm, Keyworth says.

The U.S. government runs more than 700 research labs, from one-man agricultural stations to the soaring concrete-and-glass tower of Fermilab. The labs are often "out of date in terms of their missions," he says. "They have enormous expertise, talent, superb facilities, but their missions are generally neither defense nor improving our industrial competitiveness — therefore in general they are addressing less-than-top-priority needs of the nation."

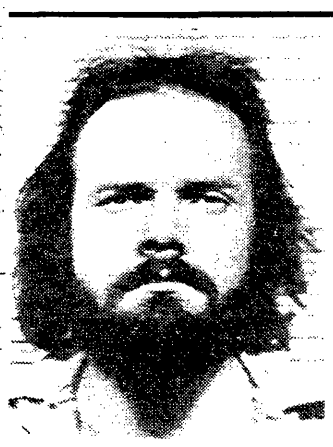
Keyworth says he wants to see more interaction among federal labs, industry and academia.

For instance, the National Synchrotron Light Source, a sort of atomic flashlight capable of illuminating the structure of matter, was built at Brookhaven lab with federal money. But 27 universities and 12 corporations are paying for their instruments to hang on the basic light source so they can conduct their own experiments. IBM is studying ways of etching microchips; New York State University is building a new X-ray microscope.

Keyworth says the Reagan administration is out to draw a clear line where federal government research should stop and private-sector development should begin. Much of the science carried out in the '70s at the Environmental Protection Agency (EPA), he says, shows how the government gets involved in areas it should leave alone.



Source: National Science Foundation — Examiner/Dan de la Torre



On the loose

Lawyer Mary Evans, 25, and her client, William Kirk, 36, a Brushy Mountain Penitentiary inmate, were still being sought by police yesterday after fleeing a psychologist's office in Knoxville, Tenn., Thursday. The red Toyota they used to get away was found 20 miles away in a housing subdivision, police said yesterday. Police also said they had received reports that the two had been spotted buying gasoline in southeastern Tennessee. Arrest warrants have been issued for Evans and Kirk, who was to stand trial this week on charges of killing two fellow inmates last year. The pair made their escape by pulling a gun on guards who escorted them to the psychologist's office in nearby Oak Ridge. They left the officers bound and gagged.

Safety agency warns of defect in GM autos

WASHINGTON (AP) — A highway safety agency is warning that between 2.7 million and 5.3 million General Motors Corp. cars could have a defect that would cause the rear axle and wheels to drop off while a car was in motion.

If the action results in a recall, it would be the second largest in history.

The National Highway Traffic Safety Administration said Friday it has received 64 reports of accidents, including 11 injuries, involving the axle problem on 1978- through 1980-model GM mid-sized cars.

In all but six of the accidents, the rear axle shaft disconnected from the car.

The vehicles affected are Chevrolet Malibu, Monte Carlo and El Camino; Pontiac LaMans and Grand Prix; Oldsmobile Cutlass and Cutlass Supreme; Buick Century and Regal; and GMC Caballero. All are 1978, 1979 and 1980 models, the government said.

General Motors spokesman Clifford D. Merriott said the automaker would not comment because the company had not seen the government report.

Although no recall has yet been ordered, the agency advised car owners to have a mechanic check their vehicles for excessive axle play, a possible sign of further problems.

Study: U.S. industry needs federal aid

Competing foreign firms have advantage of government subsidies

WASHINGTON (AP) — America will lose jobs and suffer an erosion of its standard of living unless the government helps U.S. industries cope with foreign competition, business and labor groups said yesterday.

In a 100-page study, the Labor-Industry Coalition for International Trade noted that many overseas companies competing with American firms have been getting direct assistance from their governments.

The report, which examined trade policies in Japan, France, West Germany and other countries, concludes that "foreign governments have targeted a broad range of future growth industries for special aid and accelerated development."

The coalition is composed of Bethlehem Steel, Corning Glass Works, B.F. Goodrich, Westinghouse Electric and other corporations along with 11 industrial labor unions.

Its report asserted that both "high-tech" and basic U.S. industries "have been seriously weakened as a result of aggressive industrial policies adopted by the governments of most of the world's other industrialized nations and advanced developing countries."

There have been increasing calls by labor unions in recent months for a more protectionist U.S. trade policy in view of decaying conditions in many of the nation's basic industries, such as autos and steel. Those industries are facing mounting foreign competition.

The commission's recommendations for helping U.S. business compete with foreign firms included:

• Strengthening and enforcing existing American trade laws. "When foreign industrial-policy measures violate U.S. trade laws or international agreements on trade, there should be a prompt, effective response by the United States," it said.

• Encouraging the federal government to review existing policies on U.S. industries with an eye toward stepping up research and development, restructuring old-line industries faced with rapid change and improving the ability of American businesses to invest in new plants and equipment.

• Making the government improve its capability to assess the potential impact on U.S. industries of other nations' industrial policies.

Amory Houghton Jr., chairman of Corning Glass and co-leader of the coalition, said the U.S. government has no capacity to monitor the industrial policy initiatives of other countries.

"The global marketplace is not a mirror image of the American marketplace," he said. "In the United States, we all operate under similar restraints. Elsewhere, laws governing trade vary according to national need and attitude."

Funerals

BABKA, Bessie
BRYANT (ROGERS), Frances C.
BRYDONE-JACK, Francis F.
BUSH, Dr. Mildred
CAPOVILLA, Mary R.
DEE, Olga
EDWARDS, Gerald C.
ETIOPI, Helen D.
FAAGAU, Jacqueline T.
FONG, Stanley H.
FREULER, Herbert Caspar, Brigadier General, U.S. Marine Corps.
FUERTES, Raymond
GARCIA, Gudelia G.
HEALEY, Warren
HOLROYD, Grace Shelton
KASICH, John A.
LAGAN, Alice M.
LEWIS, Alice M.
MACDONALD, Cora L.
MATTHEWS, Jean Harriet
McBRADY, Daniel J.
McCALLION, Walter T.
McCAMBRIDGE, Thomas J.
McGINNIS, Edward C.
OTERO, Marcella V.
PRANDINI, Adeline Della
REARDEN, Marie V.
ROBERTSON, Irwin J.
ROBINSON, Kathryn (Katie)
RODRIGUEZ, Clotilda M.
RYAN, William Thomas
SCHWARTZ, Jack (aka Jack Shaw)
ST. CLAIR, Juanita
TOPOLOS, John
WALT, Joan

BABKA, Bessie — In S.F., April 1, 1983; dearly beloved wife of the late John Babka; devoted mother of Emily Strach, Blanche Jurasek, Beatrice Baxter and the late Marie Peshout and Harry Babka; beloved grandmother of 12 grandchildren and 22 great-grandchildren; a member of Westernal Fraternal Life Assn. Lodge No. 353; Lodge Zlata Brana 252.
Friends may visit Sunday from 1:30 to 9 p.m. at CURRIVAN'S CHAPEL OF THE SUNSET, 2550 Irving St. (at 26th Ave.). Funeral Monday 1:30 p.m. at Currivan's. Interment, Cypresss Lawn Memorial Park.

BRYANT (ROGERS), Frances C. — March 30, 1983; beloved mother of Ralph A. Rogers, Sr. of Woodside and Phillip F. Rogers of So.S.F.; loving sister of Fay Adams of Pacifica; grandmother of Phillip L. and Ralph A. Rogers, Jr., Frances H. Jabs, Robert R. Rogers, Deborah A. Petrucci, and Ryan A. Rogers; greatgrandmother of Tina, Michael and Jamie Jabs and Maggie and Jenny Rogers; dear mother-in-law of Mardell M. and Kathleen Rogers and the late Marjorie Rogers; devoted aunt of Phyllis Marcus, Patricia Ladner, Lillian Kelly and Lily Wilson; member of the Marine Cooks and Stewards Union from 1930 until her retirement.
Memorial services to be held on Tuesday, April 5, at 7:30 p.m., St. Pius Catholic Church, 1100 Woodside Rd., Redwood City, CA. Contributions may be made to American Diabetic's Assn.

BRYDONE-JACK, Francis F. — In Victoria, B.C., March 5, 1983; belovet husband of Berenice Brydone-Jack of Victoria; survived by son, Francis W. of San Jose, CA; three grandchildren, Patrick of Alameda, David of Berkeley and Deborah Savoy of Nevada City; brother, Dr. Ernest Brydone-Jack of Petaluma.
Private family cremation in British Columbia.

BUSH, Dr. Mildred — In Fremont, March 30, 1983; leaves many loving nieces and nephews; aged 95 years; a Doctor of Science, she taught at U.C. Berkeley and S.F. State College until retirement.
At her request, no services were held. Inurnment, Cypress View Mausoleum, San Diego.
HALSTED-N. GRAY & CO.

CAPOVILLA, Mary R. — In this City, April 1, 1983; dearly beloved wife of the late Bernard V. Capovilla; devoted mother of Vera Angell, Victor Capovilla and the late Josephine Dowell; idolized grandmother of Dennis, Michael, Richard and Paul Capovilla, Brad Angell, Cindy Smith and John Dowell; adored by three great-grandchildren; loving sister of Grace Clark, Rose Capovilla and James Cirmele; dear mother-in-law of Donna Capovilla and Wayne Dowell; aged 83 years; member of Don Bosco Senior Citizens Club of Corpus Christi Church.
Friends may call after 2 p.m. on Saturday, and are invited to attend the funeral on Monday, at 8:30 a.m., from the Chapels of VALENTE, MARINI, PERATA & CO., 4840 Mission St.; thence to Corpus Christi Church, where a Mass of Christian Burial will be offered at 9 a.m. Entombment, Holy Cross Cemetery. Rosary, Sunday afternoon, at 4 p.m.
333-0161

DEE, Olga — March 30, 1983; beloved wife of the late Thomas Dee; loving mother of Thomas Dee, Jr.; loving grandmother of Deborah Fitzgerald, Thomas III, Daniel and the late Patricia Dee; loving great-grandmother of Joshua Fitzgerald; native of S.F.
Private funeral services were held on Friday, followed by interment at Holy Cross Cemetery.
CAREW & ENGLISH

EDWARDS, Gerald C. — Of Castro Valley, April 1, 1983; beloved husband of Toni Edwards; loving father of Mary Teresa Edwards of Monterey and Clifton Anthony Edwards of Castro Valley; a member of Professional Insurance Agents Assn.; he was Vice President and owner of Rate All Insurance of Hayward; a native of Gunnison, Utah.
Services will be held at SORENSEN BROS. CHAPEL, 1140 B St., Hayward, Monday, April 4, at 1:30 p.m. Visitation commencing Saturday, 6 p.m. Interment, St. Mary Cemetery, Oakland.
SORENSEN BROS.
581-1234 351-1451

ETIOPI, Helen D. — In Redwood City, March 30, 1983, Helen D. Etiopi; devoted wife of Armando Etiopi of Redwood City; loving mother of Bernadette Selveira of San Jose and Helene Lauricella of Belmont; sister of Arthur Vargas of Redwood City and Robert Vargas of Milpitas; grandmother of two; a native of Half Moon Bay; aged 68 yrs.; member of AARP, Chapter #3137, Redwood City.
A Mass of Christian Burial will be offered on Tues., April 5, 1983, 10:30 a.m., at Mt. Carmel Church, Fulton & James Ave., R.C. Recitation of the Rosary, Mon., 8 p.m., at CRIPPEN & FLYNN CHAPEL, 400 Woodside Rd., Redwood City. Interment, Holy Cross Cemetery, Colma.

FAAGAU, Jacqueline T. — At rest, April 1, 1983; dearly beloved daughter of Tolovae and Susana Faagau; loving sister of Kasanita, Ruby, Rena and Tolo Faagau; beloved granddaughter of Mrs. Uasami Elisara and Mr. and Mrs. Lemalu Tautai; survived by many aunts, uncles and cousins; aged 14 years.
Friends may call after noon Friday, April 8 and are invited to attend the family services at VALENTE-MARINI-PERATA & CO., 4840 Mission St., S.F., Friday evening at 7 p.m. and Saturday evening at 7 p.m. On Sunday afternoon at 3 p.m. at First Samoan Congregational Church, 30 Norwich St. and Sunday evening at 7 p.m. at San Bruno Methodist Church, 560 El Camino Real, San Bruno, Ca. Funeral services will be Monday, April 11 at 11 a.m. at San Bruno Methodist Church. Interment, Cypress Lawn Memorial Park.
333-0161

FONG, Stanley H. — March 31, 1983; dearly beloved husband of Virginia Fong; loving father of Ted and Robin; dear son of Helen Fong and the late Herbert Fong; devoted father-in-law of Jeannette; idolized grandfather of Juanita; dear brother of Thomas, Raymond, Ray Hee, Lucky, Lincoln, John and George Fong and Frances Jew; also survived by many nieces and nephews; member of San Francisco Chinese Bowling Club.
Visitation Monday evening 7 to 8 o'clock at HALSTED-N. GRAY & CO., 1123 Sutter St. Services Tuesday morning 10 o'clock at HALSTED-N. GRAY CHAPEL. Entombment, Olivet Mausoleum.
COMPLIMENTARY PARKING
HALSTED-N. GRAY & CO.

FREULER, Herbert Caspar, Brigadier General, United States Marine Corps, Retired — Died March 5, 1983 at the Naval Regional Medical Center, Oakland of Cancer; General Freuler is survived by his widow, Edith J. Freuler of Castro Valley; daughter, Anne Loring of Edmonds, Wash. and a sister, Catherine Kennon of Oakland.
In accordance with General Freuler's wishes, he was cremated and placed in the San Francisco National Cemetery, the Presidio of San Francisco. He instructed that there be no funeral or memorial service and no publicity.
NEPTUNE SOCIETY
2419 Grove Way, Castro Valley

FUERTES, Raymond — April 1, 1983, in S.F.; dearly beloved husband of Grace Fuertes; loving father of Arline Ross, San Jose, Jack Fuertes, Belmont, Emily Richardson, Arkansas City, Kansas; adored grandfather of Eileen Lopez, Mike and Michelle Ross, Lisa, Laura, Brian Fuertes, Marc, Danny, Joel Richardson; a member of the Teamsters Local No. 256; a native of San Francisco; a resident of the San Jose area; aged 70 years.
Friends may call Sunday from 1 until 5 p.m. and are invited to attend the services Monday, 11 a.m. at DUGGAN'S CARLMONT CHAPEL, 1101 Alameda, (1 blk. so. of Ralston, Belmont). Contributions to the American Cancer Society.
THE DUGGAN'S FAMILY
CARLMONT CHAPEL

GARCIA, Gudelia G. — March 25, 1983; leaves many loving friends.
Rosary Monday evening 7:30 o'clock at HALSTED-N. GRAY & CO., 1123 Sutter St. A Mass of Christian Burial will be offered Tuesday morning 9:30 o'clock at Old St. Mary's Church, Calif. St. at Grant Ave. Interment, Holy Cross Cemetery.
COMPLIMENTARY PARKING
HALSTED-N. GRAY & CO.

HEALEY, Warren — In this City, March 30, 1983; beloved stepfather of Elinor Knight; survived by other loving relatives; aged 89 years; a 71 year member and Past President of Golden Gate Parlor #29, N.S.G.W.; a retired employee of the City of S.F.
Private family funeral services were conducted. Inurnment, Cypress Lawn Cemetery.
W.C. LASSWELL & CO.

HOLROYD, Grace Shelton — In Concord, CA, March 30, 1983; loving mother of Valerie Dexter and Kenneth Holroyd.
No services will be held. Contributions may be made, in the memory of Grace, to Greenpeace, Fort Mason, S.F.

KASICH, John A. — In Palo Alto, March 31, 1983; beloved husband of Petronilla Kasich of Newark; loving father of Jerry Kasich and Kathleen Kasich of Newark; cherished brother of Charles, Anthony, Matthew and Robert Kasich, Donica Riley and Nada Sylvester; grandfather of Rachel Kasich; also survived by many nieces and nephews; a native of San Francisco; aged 67 yrs.; member of the Carpenter's Union, Local #848 of San Bruno.
Funeral services, Tuesday, 8:30 a.m., at the LINDSEY FREMONT MEMORIAL CHAPEL, 3723 Peralta Blvd. (nr Fremont Blvd.); thence to St. Edward Church, where a Mass of Christian Burial will be said at 9 a.m. Interment will follow at 11:30 a.m., at Golden Gate National Cemetery, San Bruno. Rosary will be recited Monday evening, 7:30 o'clock. Visitation, Monday, after 12 Noon. Memorials to Stanford University Hospital Compromise Host Unit, East 1A, Stanford, CA 95305.
LINDSEY FREMONT MEMORIAL CHAPEL SERVICES

LAGAN, Alice M. — In this City, April 1, 1983; beloved daughter of the late Dr. John and Katie Lagan; devoted sister of the late Dr. John F., Hugo and Grace Lagan; native of San Francisco.
Friends are invited to attend the funeral, Monday, 10:30 a.m., from chapels of ARTHUR J. SULLIVAN & CO., 2254 Market St. bet 15th & 16th Sts.; then to Sacred Heart Church, where a Mass of Christian Burial will be offered at 11 a.m. Entombment, in family vault, at Holy Cross Cemetery. ROSARY, SUNDAY AFTERNOON, 3 p.m.
SULLIVAN'S 621-4567

LEWIS, Alice M. — In Orinda March 29, 1983; loving mother of James Lewis of Santa Barbara, Eva Ryland of Orinda and Colleen Marron of Fremont; mother-in-law of Peggy Lewis of Modesto; also survived by grandchildren, great-grandchildren and many other relatives; aged 87.
Friends are invited to attend a Memorial Mass on Friday, April 8 at 11:30 a.m. at Santa Paula Church, Blacow Rd., Fremont. Inurnment, Woodlawn Cemetery, Colma. Spiritual bouquets or contributions to favorite charity or the Salvation Army.

MACDONALD, Cora L. — In this City, March 28, 1983; beloved wife of Joseph Grant Macdonald; loving mother of Ed Stephenson; loving grandmother of Janet Doerfert and Robert Stephenson; loving great-grandmother of four.
Private funeral took place, with interment in Holy Cross Cemetery.
Friends are invited to attend a Memorial Mass, at St. Emydius Church, Wednesday, April 6, 1983, at 10 a.m.
ARTHUR J. SULLIVAN & CO.

MATTHEWS, Jean Harriet — In Daly City, March 31, 1983; loving mother of Renee, Steven and Marcella Matthews; devoted grandmother of Antonio; loving daughter of Harriet Hosmer, G.J. and Louise Mulloney; dear sister of Nanci Blackett; aunt of Jeanine, Joseph and Matthew; aged 46 years; 17 yr. employee of Indus. Indemnity Ins. Co.
Friends are invited to memorial services, Tues., April 5, 3 p.m., at DUGGAN'S SERRA MORTUARY, 500 Westlake Ave., D.C. Donations, Mission Hospice, 17 Baldwin Ave., San Mateo 94401.
THE BUD DUGGAN FAMILY

McBRADY, Daniel J. — In So.S.F., March 29, 1983.
Services were held Thursday. A Memorial Mass will be offered Monday at 10 a.m. at St. Augustine's Church, Callan Blvd., So.S.F.
THE BUD DUGGAN FAMILY

McCALLION, Walter T. — In this City, March 31, 1983; beloved son of the late Patrick and Mary McCallion; devoted brother of Eileen, Anne, Alice, Maureen and the late Neil McCallion; loving uncle of Neil McCallion; loving granduncle of Patrick and Steven McCallion; an alumnus of St. Ignatius College Preparatory and U.S.F.; retired Postal employee.
Friends are invited to attend the funeral, Monday, 9:30 a.m., from Chapels of ARTHUR J. SULLIVAN & CO., 2254 Market St. bet 15th & 16th Sts.; then to St. Patrick Church, where a Mass of Christian Burial will be offered at 10 a.m. Interment, Holy Cross Cemetery. ROSARY, SUNDAY AFTERNOON, 2:30 O'CLOCK.
SULLIVAN'S 621-4567

McCAMBRIDGE, Thomas J. — March 29, 1983; beloved husband of Patricia L. McCambridge; loving father of Susan, Michael and Judy McCambridge; devoted son of Patrick and Josephine McCambridge; loving brother of James McCambridge and father-in-law of Leslie McCambridge; also leaves many relatives and close friends; aged 50 years; a native of San Francisco; graduate of St. Cecilia's and St. Ignatius; past President, No. Calif. Retail Grocery Assn.; a member of the Godfathers, World Trade Club, Retail Clerks Union #648 and Marine Corps veteran of the Korean Conflict; co-owner of McCambridge Markets Inc.
Friends may visit today UNTIL 5 P.M. at HOGAN, SULLIVAN & BIANCO, 1266 9th Ave. near Lincoln Way and then at St. Cecilia's Church, 17th & Vicente, after 7 p.m. and the the Rosary at 8 p.m. Mass of Christian Burial Monday, 10:45 a.m. at St. Cecilia's Church. Interment, Holy Cross Cemetery. Contributions to TOM'S favorite charity: St. Benedict Center for the Deaf and Hard of Hearing, St. John of God Newman Center or the Godfathers would be warmly appreciated.

McGINNIS, Edward C. — March 24, 1983; a resident of Dayton, Ohio; former resident of S.F.; survived by his wife, Marie Louise; seven children; six grandchildren; his mother, Mrs. Felix S. McGinnis of S.F.; three brothers, Felix, Carl and Frank McGinnis; and sister, Claire Stephenson of NY; aged 58 yrs.
Services were held in Dayton, Ohio, March 28, 1983.

OTERO, Marcella V. — In this City, March 18, 1983; loving wife of Albert Otero; mother of Sandra Seekell of Riverbank, CA; grandmother of four; aged 61.
Services were held March 22, in Bakersfield, CA.

PRANDINI, Adeline Della — In Sacramento, Ca., March 31, 1983; dearly beloved mother of Louise Lencioni and Melvin Prandini; loving sister of Nettie Arata and Ernest Devincenzi; adored by eight grandchildren and 14 great-grandchildren; a native of S.F.; a member of Alberian Institute, Y.L.I.
Friends may call after 1 p.m. on Monday and are invited to attend the funeral on Tuesday at 9:30 a.m. from the Chapels of VALENTE-MARINI-PERATA & CO., 4840 Mission St.; thence to St. John the Evangelist Church, where a Mass of Christian Burial will be offered at 10 a.m. Entombment, Holy Cross Cemetery. Rosary Monday evening at 7 o'clock.
333-0161

REARDEN, Marie V. — March 30, 1983; beloved sister of the late John G. Reardon; a native of S.F.
Private services were held Thursday, followed by interment at Holy Cross Cemetery.
CAREW & ENGLISH

ROBERTSON, Irwin J. — In Livermore, March 26, 1983; dearly beloved husband of the late Margaret E. Robertson; loving father of Kay Davis of Pleasanton, CA; adored grandfather of Steven, Michael and Sandy Davis; father-in-law of Gordon Davis; a WWII Army Veteran, Retired Lt. Col.; Ret. G.G. Past Master, Masonic Lodge of S.F.; member of the Coast Guard Auxiliary; active member of S.I.R.S.; active member of Friends of the San Mateo Public Library; native of Oregon; aged 81 yrs.
Private services were held at DUGGAN'S CARLMONT CHAPEL. Interment, Skylawn Memorial Park. Donations preferred to the American Cancer Society.
THE DUGGAN FAMILY
BELMONT CHAPEL

ROBINSON, Kathryn (Katie) — In San Francisco, April 2, 1983; dearly beloved daughter of Ann C. Cotes of Sacramento and Jack Robinson of Fresno; loving sister of Karen Jepson of Monterey and Brian Robinson of Pacific Grove; devoted niece of Rita Delaney of Sacramento; a native of Fresno; a graduate of Bullard High School, Fresno, 1966; recieved her B.A. at Hayward State 1971 and M.A. at S.F. State, 1977; a counselor at St. Ignatius College Preparatory.
A Mass of Christian Burial will be offered at the Chapel of St. Ignatius College Preparatory, 2001 37th Ave. at 11 a.m. Monday. Private interment Tuesday, Monterey, Ca. Memorial contributions to Katie Robinson Scholarship Fund, St. Ignatius College Preparatory, preferred.
CAREW & ENGLISH

RODRIGUEZ, Clotilda M. — In Burlingame, March 31, 1983; loving wife of Alfred Rodriguez; devoted mother of Dolores Rodriguez of San Mateo and George Winans of Sunnyvale; loving sister of Florence Echeverria of Antioch; grandmother of Dennis and Darrell Winans and great-grandmother of three.
A Mass of Christian Burial will be said Monday, April 4, 1983 at 10 a.m. at Our Lady of Angels Catholic Church, 1721 Hillside Dr., Burlingame, followed by interment at Holy Cross Cemetery, Colma. Recitation of the Rosary will be Sunday, April 3 at 4 p.m. at the Colonial Mortuary of CROSBY-N. GRAY &CO., 2 Park Rd., Burlingame.

RYAN, William Thomas — In San Francisco March 25, 1983; beloved son of Cecelia and the late Frank Ryan; loving brother of Patricia Ryan and Frances Tanti; fond nephew of Mary Golden; aged 34; a native of Chicago, Ill.; member of Astronomical Society of the Pacific.
Private services held. Contributions to Shanti Project, 890 Hayes St., S.F. 94117 or K.S. Foundation, P.O. Box 14227, S.F. 94114, preferred.

SCHWARTZ, Jack (aka Jack Shaw) — In S.F., April 1, 1983; loving father of Lisa and Vicki Schwartz; dear brother of Gloria Hirsch; a member of Musicians Union Local No. 6; a pianist with the Jack "Jive" Shafer and the Rythym Rascals Band for five years and on board the USS President Wilson and other ocean cruise ships; born in New York, April 1, 1929; aged 54.
Memorial seravice Monday 2 p.m. at Evergreen Mortuary of McAVOY O'HARA CO., Geary Blvd. at Tenth Ave. Inurnment, private.
McAVOY O'HARA CO.

ST. CLAIR, Juanita — In S.F., March 26, 1983; beloved wife of the late Col. Ross H. St. Clair, Ret.; daughter of the late Andrew David and Minneola Thompson of Seattle and Valdez, Alaska; sister of Burdelle Linoberg.
Services private. Interment private, Mount Vernon Memorial Park, Sacramento, CA.

TOPOLOS, John — March 31, 1983; beloved husband of Agnes; devoted father of Christine; grandfather of Joseph and Wendy; brother of James; aged 76 years; a member of Ahepa Chapter #150, for 45 years; and Brotherhood #375, F.& A.M., Islam Shrine for 42 years. Contributions preferred to Shriner's Hospital Fund for Crippled Children.
Trisagion, Mon., 7:30 p.m.
Services, Tuesday, 1 p.m.
DAPHNE ONE CHURCH ST.

WALT, Joan — At Stanford, of an acute heart virus causing myocarditis on March 18, 1983; beloved daughter of Jeanne and Malcolm Walt of Alamo; a native of San Francisco; aged 30 years.
Memorial services were held at Providence Hospital. Interment by parents in the Vogelsang area of the High Sierras. Contributions to: "Joan Walt" Heart Reasearch Fund, c/o the American Heart Assoc., P.O. Box 6181, Concord, Ca., 94524.

In Memoriam

DONATI, Charles J. — In loving memory on your 14th anniversary, April 1. Special thoughts of you on this Easter Day and your birthday, April 16. Missed and remembered in our thoughts and prayers.
WIFE & FAMILY

MURPHY, Anne — Two years ago, today, you left me. You are always in my every day thoughts and in my heart. I miss you. Your son, Joseph P. Murphy

NELSON, Chester E. — In loving memory of my dear husband who passed away on Good Friday, 25 yrs. ago.
Sadly missed by wife, Ann.

PINOCCI, Evelyn — The days come and go, but nothing will ever be the same. When you left you also took me with you. I'll never stop missing or loving you. LOVE, GLADYS

REHFELD, Jewel and Albert— Remembrance to my dearest parents today. Love, Dorothy.

Card of Thanks

GOULDING, Stephen C. — We would like to thank our many relatives, friends and co-workers for their spiritual bouquets and kindnesses extended to us during our recent loss of a loving husband and father. A special thanks to the doctors, nurses, clergy, Sisters and Staff of Mary's Help Hospital.
Sincerely,
Mary Ellen Goulding & Family

Funeral Directors

HALSTED/N. GRAY & CO.
1123 Sutter 4000 19th Ave. SF
673-3000 24 Hrs.
All Services Itemized

Cremations

SIMPLICITY + SERVICE
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Deaths

Kathy Morris

NEW YORK (AP) — Kathy Morris, whose long battle with brain tumors was portrayed in a 1980 CBS television movie called "Seizure: The Story of Kathy Morris," has died at the age of 29.

Miss Morris, who died Friday, began to suffer seizures in 1976 while a senior at the Manhattan School of Music. Doctors told her she had a brain tumor.

During an operation that year to relieve the condition, her brain unexpectedly swelled. The surgeon, convinced Miss Morris wouldn't survive the day, didn't complete the operation.

After six weeks in a coma, Miss Morris suddenly responded to a doctor's instruction to squeeze his hand. Since that time she had undergone five brain operations and countless hours of therapy to restore her ability to read and write.

The singing voice remained. In 1978, Miss Morris performed her operatic recital in five languages before scores of tearful friends and relatives.

The CBS movie, which starred Penelope Milford as Miss Morris and Leonard Nimoy as her doctor, featured Miss Morris in a cameo role at the close of the production singing "It's Good Today," her own composition.

Miss Morris, who had been living in Clifton, N.J., died at Calvary Hospital in the Bronx, where she had been hospitalized since December.

Miss Morris is survived by her brother, Patrick. Her parents died years before their daughter's ordeal began.

Mildred Bush

Special to The Examiner

FREMONT — Professor Mildred Bush, a botanist and scientific illustrator whose career began when she was an 18-year-old teaching youngsters in a one-room country school, died at a rest home Wednesday. She was 95.

Dr. Bush was born in Boone County, Ind., the daughter of a farmer. During summer vacations from teaching, she would return to college, eventually acquiring a doctorate in botany.

She taught at the University of California and San Francisco State University, retiring in 1965 with great reluctance. A trim, petite person in the classic mold of the spinster schoolteacher, she resided for many years at the Hotel Cecil next door to The Press & Union League Club.

Her detailed illustrations of plant and insect life were featured often in scientific publications.

No services were held, and inurnment was at Cypress View Mausoleum, San Diego.

Hector M. Stephen

Hector M. Stephen, retired Mission District furniture company owner and longtime director of the Dolphin Club, died Thursday at Ralph K. Davies Medical Center after a brief bout with cancer. He was 81.

Mr. Stephen owned Modern House Furniture near 16th and Dolores streets for 25 years and was toastmaster of the Mission Exchange Club.

Since his retirement in 1970, he devoted a great deal of time to teaching swimming to youngsters at the Center for the Handicapped and helping with the Special Olympics.

He swam daily from the Dolphin Club facilities at Aquatic Park and often said that his greatest distinction as a swimmer was that he placed last in the club's annual Golden Gate swim.

He was a past president of the Dolphin Club and had been a director for more than 40 years.

Mr. Stephen was born in Glasgow, Scotland, and was brought to this country as a child. He got as far as the fifth grade, when he was forced to go to work. Joining the merchant marine, in World War I he shipped supplies to Russia.

For a time he traveled the nation selling Mars Bars candy. During the late 1930s, he operated the All American Fountain at Washington and Polk streets. As a member of the National Guard, he stood guard at the Golden Gate Bridge during the early weeks of World War II. He was a member of the Dale Carnegie Institute.

He was active from time to time in assisting local candidates for public office, and the Board of Supervisors presented him with a Certificate of Honor when he turned 80 last year.

Mr. Stephen is survived by a daughter, Beverly M. Donnellan, office manager of the State Farm Insurance Agency, Larkspur; a sister, Jeanette Lattimer; five grandchildren; and three great-grandchildren.

Funeral services will be at 11 a.m. tomorrow at Arthur J. Sullivan & Co., 2254 Market St. Interment will be at Holy Cross Cemetery.