The Fellowship Form was founded in December, 1950, by Paul E. Stinchfield and J. Graeff Kennedy, two friends who invited others to join them in creating a group whose purposes were simply to enjoy each other's company at a weekly luncheon and to benefit from discussion of matters of general interest.

As the size of the group increased it was felt that a more formal organization was needed, that basic policies should be formulated and the membership limited in number. This ultimately led to the adoption in 1957 of a set of Rules and Regulations, subsequently amended in May, 1974, under which the Forum now functions. Active membership is limited to fifty. Officers are elected by the membership at large and serve a one-year term.

At the weekly luncheon meetings subjects of a broad range of interests are presented by members or guest speakers, as the record indicates. Although partisan politics and denominational religion are prohibited subjects, members or guest speakers addressing the Forum are otherwise unrestricted in the expression of their views, it being understood that such expression is always "off the record". With the speaker's consent, a short period at the end of each program is customarily devoted to questions or comments from the Forum members.

Guests of members are always welcome, except at meetings restricted to the discussion of Forum affairs.

OFFICERS AND COMMITTEES for 1979

President	Carroll F. Sullivan
Vice President	Bryant J. Brooks
	Douglas Sugg
	Wesley U. Benepe
Program Director	G. Derwood Baker
GOVERNING BOARD	Carroll F. Sullivan, Chm. Bryant J. Brooks Douglas Sugg Wesley U. Benepe G. Derwood Baker Ernest R. Hilgard Robert L. McKee
PROGRAM COMMITTEE	G. Derwood Baker, Chm. William A. Goss Harvey Hall Paul R. Hanna William G. Hoover Elmer Hutchisson Ernest R. Hilgard Joy F. Hutton Ralph W. Keller J. Hamor Michener Ray P. Walters Kenneth G. Wickham
MEMBERSHIP COMMITTEE	Robert L. McKee, Chm. Paul S. Heath John P. Mansfield John M. Linforth John B. Jessup Ralph C. Smith J. Emott Caldwell Harry E. Hartzell
BUSINESS COMMITTEE	William S. Powell, Chm. Herbert E. Dougall Harry K. Farrar Homan E. Leech Donald L. Putt William L. Roach Frederick T. Van Urk Frank A. Zimmerman

ARCHIVIST Joy F. Hutton

PAST PRESIDENTS

+Paul E. Stinchfield 1950-51 +John S. Hassan 1951-52 +Jesse B. Sears 1952-53 +Walter S. Monroe 1953-54 +Edward D. Kohlstedt 1955 +I. Graeff Kennedy 1956 +Kenneth M. Brown 1957 +Lee Emerson Bassett 1958 +Albert S. Hart 1959 +Walter C. Smith 1960

Earle Talbot 1964 +Charles D. Williams 1965 C. Forrest Cress 1966 Leonard F. Fuller 1967 J. Emott Caldwell 1968 +Frank H. Higgins 1969 Ralph C. Smith 1970 Harold C. Habein 1971 Maynard B. Hites 1972 Elmer Hutchisson 1973 Robert L. McKee 1974 William L. Roach 1975 E. Finley Carter 1976 Kenneth G. Wickham 1977 Ernest R. Hilgard 1978

+Deceased

MEMBERS

+Denotes Members Unable to Attend Regularly

*Denotes Charter Member

+James B. Cress 1961

+Paul A. Rehmus 1962

+Charles A. Powel 1963

Kenneth G. Wickham

Year of election to the Forum shown thus: ('65)

G. DERWOOD BAKER ('75), Professor Emeritus School Administration, New York University; 350 Hermosa Way, Menlo Park 94025. Ph. 325-9664.

BARKAN, Diamond Importer, Retired; Channing, *FRITZ House, Apt. 734, 850 Webster St., Palo Alto 94301. Ph. 327-5284.

WESLEY U. BENEPE ('70), Asst. Controller and Asst. Secretary, Firemans Fund Insurance Companies, Retired; 116 Walter Hays Dr., Palo Alto, 94303. Ph. 323-6975.

WALTER S. BOWLES ('68), Manufacturers Representative. Past President Factory Representatives Association Northern California Chapter, Retired; 501 Portola Road, The Sequoias, Portola Valley 94025. Ph. 851-1501.

J. BRODERSON, General Superintendent Texas City, *HENRY Texas, Refinery, Pan American Refining Corp., Retired;

1310 Cotton St., Menlo Park 94025. Ph. 322-7471. BRYANT J. BROOKS ('71), Division Manager, Mobil Oil Corporation, Retired; 911 Maywood Court, Los Altos 94022. Ph. 948-3312

J. EMOTT CALDWELL ('54), Merchant, Retired; 225 Whiskey Hill Rd., Woodside 94062, Ph. 851-0342.
 E. FINLEY CARTER ('67), President, Stanford Research Inst., Retired; 501 Portola Road, The Sequoias, Portola Val-

ley 94025. Ph. 851-1501.

†DONALD I. CONE (58), Transmission and Protection Engineer, Pacific Telephone and Telegraph Co., Retired; 1981 Montecito Ave. #144, Mountain View 94202. Ph. 961-1705.

†BERTON W. CRANDALL ('66), Photographer for Industry, Publishers, Travel, Retired; The Sequoias, 501 Portola Rd., Portola Valley 94025. Ph. 851-1501, Ext. 435.

C. FORREST CRESS ('57), Executive Manager Far East Region, Chrysler Export Corp., Retired; 10300 Magdalena Ave., Los Altos Hills 94022. Ph. 948-3167.

HERBERT E. DOUGALL (77), Professor Emeritus, Finance, Stanford University; 501 Portola Road, The Sequoias, Portola Valley 94025. Ph. 851-1501.

†WALTER C. DRUGG ('64), Manager, Palo Alto Clinic, Retired; Lake Park #701, 1850 Alice St., Oakland 94612. Ph. 835-5511, Ext. 701.

HARRY K. FARRAR ('73), General Customer Service Engineer, Pacific Telephone and Telegraph Co., Retired; 501 Portola Road, The Sequoias, Portola Valley 94025. Ph. 851-2494 or 851-1501.

†ROBERT J. FLEMING, JR. ("70), Major General, U.S. Army, Retired; 1311 Hobart St., Menlo Park 94025. Ph. 322-0694.

- LEONARD F. FULLER ('62), Mackay Prof. of Elec. Eng., U.C. Berkeley; later Stanford Eng. Research Contract Coordinator and Acting Prof., Retired; 2345 Waverley St., Palo Alto 94301. Ph. 322-1739.
- WILLIAM A. GOSS ('75), President, Cañada College, Retired; 8107 Cabernet Ct., San Jose 95135. Ph. 408-238-6250.
- HAROLD C. HABEIN, M.D. ('66), Head of Section, Internal Medicine, Mayo Clinic; Senior Consultant Emeritus; 101 Alma St., Palo Alto 94301. Ph. 323-0651.
- LESLIE C. HAINES ("75), Managing Director of British Subsidiary Company, Libby, McNeill & Libby, Retired; 501 Portola Road, The Sequoias, Portola Valley 94025. Ph. 851-1501, Ext. 472.
- HARVEY HALL ('78), Registrar, Ombudsman, Stanford University, Retired; 31 Pearce Mitchell Pl., Stanford 94305. Ph. 326-0395.
- PAUL R. HANNA ("73), Professor of Education, Emeritus, Stanford University; Mitchell Place #20, Stanford 94305. Ph. 322-8977.
- R. VERNON HARRIS (73), Analyst, Profitability Studies, Standard Oil Co.-California, Retired; 101 Alma St., Palo Alto 94301. Ph. 326-4835.
- HARRY E. HARTZELL ("71), Chairman Board of Directors, Hercules Powder Co., Ltd., Retired; 501 Portola Road, Portola Valley 94025. Ph. 851-1501.
- PAUL S. HEATH ('59), Presbyterian Minister, Retired; 501 Portola Rd., Portola Valley 94025. Ph. 851-1501.
- ERNEST R. HILGARD ('69), Professor of Psychology, Stanford, University, Retired; 1129 Hamilton Ave., Palo Alto 94301. Ph. 822-4152.
- †MAYNARD B. HITES ('67), Executive Vice-President, Harper & Row, Retired; Del Mesa Carmel, Carmel 93921. Ph. (408) 624-8614.
- WILLIAM G. HOOVER ("75), Technical Director Engineering Development, Granger Associates, Retired; Former Professor, Dept. of Elect. Eng., Stanford Univ.; 13820 La Paloma Rd., Los Altos Hills 94022. Ph. 948-4393.
- ELMER HUTCHISSON ('70), Physicist; Director Emeritus, American Institute of Physics; The Sequoias, 501 Portola Road, Portola Valley 94025, Ph. 851-1501, Ext. 280. JOY F. HUTTON ('75), Director-Public Relations Planning,
- Pac. T&T., Retired, 660 Ringwood Ave., Menlo Park, 94025. Ph. 322-9397.
- JOHN B. JESSUP ('77), President, Jessup Construction Co., Inc.: 2991A Woodside Road, Woodside 94062. Ph. 851-1724.
- †WILLIAM T. KEEHN ('66), Vice President, Equipment Investors, Inc., Retired; 466 Raquel Lane, Los Altos 94022. Ph. 948-5554.
- RALPH W. KELLER ("77), Director, University Placement Services, Stanford University; 804 Lathrop Dr., Stanford 94305. Ph. Home 321-8735 — Office 497-3963.
- ford 94305. Ph. Home 321-8735 Office 497-3963.

 RAYMOND D. KELLY (78), Director, Technical Development UAL, Consultant, Retired; 501 Portola Rd., Portola Valley 94025. Ph. 851-1501 or 2342.
- PAUL F. KERR (73), Professor Emeritus of Mineralogy, Columbia University; 360 Forest Ave., Palo Alto 94301. Ph. 328-8718.
- HOMAN E. LEECH, M.D. ("77), Col. U.S. Army, retired; Medical Director, Metropolitan Life Ins. Co., Pac. Coast Office: 12 Wood Lane, Menlo Park 94025, Ph. 324-2163.
- Office; 12 Wood Lane, Menlo Park 94025. Ph. 324-2163. JOHN M. LINFORTH (71). Vice-President, Goodyear Tire and Rubber Co., Retired; 4 Catalpa Drive, Atherton 94025. Ph. 325-0904.
- LORAIN N. LONGO ("77), Principal Cost/Scheduling Engineer, Utah Construction and Mining, Fluor Utah Inc., retired; 360 Forest Ave., Apt. 101, Palo Alto 94301. Ph. 327-3474.

- JOHN P. MANSFIELD ('64), Corporate Director and Vice-President, Chrysler Corporation, Retired; 501 Portola Road, Portola Valley 94025. Ph. 851-1501. ROBERT L. McKEE ('68), Attorney, Labor Relations Executive, Retired; 1934 Waverley St., Palo Alto 94301. Ph. 327-
- 8629. RAE C. McLAREN ('63), Vice-President F. W. Woolworth, Inc.,
- Member Executive Committee, Retired; 112 Pepper Ave., Burlingame 94010. Ph. 343-3812.
- †GEORGE S. McMANUS ('54), Professor of Music, Emeritus, Wesleyan University; Channing House, 850 Webster St., Palo Alto 94301. Ph. 327-0950.
- J. HAMOR MICHENER ("77), Teacher Latin and Humanities, Collinwood Hi-School, Cleveland, Ohio, retired; 2315 Eastridge Ave., #721, Menlo Park 94025. Ph. 854-2032.
- JAMES H. MOORE ('73), Gen. Mgr. Pac. Reg. Service Div., Western Electric Co., Bell System, Retired; 50 Mounds Rd., Apt. 312, San Mateo 94402. Ph. 342-9933.
- GEORGE F. MOYNAHAN, JR. ("74), Professor Emeritus, Elec-trical Engineering, San Jose State University, Colonel, U.S. Army, Retired; 133 Piazza Way, San Jose 95127. Ph. 251-0890.
- JOHN B. NEWSOM ('59), Mining Engineer, Inventor, Retired; 5 Robert S. Drive, Menlo Park 94025. Ph. 324-3670.
- WILLIAM S. POWELL ("75), President and Chairman, Hexcel Corp., Retired; 86 Flood Circle, Atherton 94025. Ph. 323-2266. DONALD L. PUTT ("73), Lt. Gen. U.S. Air Force, Retired; Founder & President, United Technology Center, Retired; 87 Flood Circle, Atherton 94025. Ph. 324-2203.
- WILLIAM L. ROACH (70), Professor of Psychology and Director of Tests, College of San Mateo, Retired; 461
 Washington Ave., Palo Alto 94301. Ph. 322-1345.
 †R. PAUL SCHEARRER (65), Pastor Emeritus, Takoma Park
 Presbyterian Church, Washington, D.C.; 501 Forest
 - Ave., Palo Alto 94301. Ph. 326-0972 RALPH C. SMITH ('63), Major General, U.S. Army, Retired;
 - 850 Webster St., Palo Alto 94301. Ph. 327-0950. SCOTT KNIGHT SMITH ('74), Attorney, Retired; Real Estate Broker; 13145 Pierce Road, Saratoga 95070. Ph. (408)
 - 867-3344. DOUGLAS SUGG ('65), Colonel U.S. Army, Retired; 1985 Byron St., Palo Alto 94301. Ph. 322-0248.
- CARROLL F. SULLIVAN ('71), Executive Vice-President, Ross Roy, Inc. Advertising Agency, Retired; 2140 Santa Cruz
 Ave., D-203, Menlo Park 94025. Ph. 854-0864.

 †PALMER E. SUTTON, M.D. (67), Chairman, Department of
 Obstetrics & Gynecology, Beaumont Hospital, Royal
 Oak, Mich., Retired; 1413 Ormsby Dr., Sunnyvale 94087.
- Ph. 732-4330.
- TALBOT ('57), Civil Engineer, Vice President and Treasurer, Hackensack Water Co., New Jersey, Retired;
- THOMAS A. TAYLOR (73), Vice President-Engineering, Pacific
 Tel. & Tel. Co., Retired; 1310 University Ave., Palo Alto
 94301. Ph. 322-0120.

 FREDERICK T. VAN URK (77), General Agent, Mutual of Omaha, Philadelphia, Pa., retired; 229 Stockbridge Ave.,
- Atherton 94025. Ph. 364-4029. RAY P. WALTERS ('72), Oil geologist and company executive,
- Retired; 12 Broad Acres Rd., Atherton 94025. Ph. 854-5342. KENNETH G. WICKHAM ('72), Major General, U.S.A., Ad-
- jutant General of the Army, Retired; 15 Sunkist Lane, Los Altos 94022. Ph. 941-0983. FRANK A. ZIMMERMAN (74), General Personnel Manager, Pacific Telephone, Retired; 2081 Touraine Lane, Half Moon Bay 94019. Ph. 726-5931.

Record of Programs - 1978

- January 3 Annual Meeting. Introduction of new officers. Reports from officers and committees.
 - 10 "Changing Nature of Science." Dr. Willis Harman, SRI.
 - 17 "Ten Years of Exciting Research." Mr. Douglas W. Dupen, Director of Personnel and Laboratory Relations at SLAC.
 - 24 "Five Exploration Adventures." Member Ray P. Walters, Oil Geologist and Company executive, Retired. 31 "Modern Wind Powered Cargo Ships." Mr. William P. Warner, President, Dynaship Corp.
- February 7 "A Crisis Year in California Community Colleges." Chancellor Glenn P. Smith, San Mateo Community College District.
 - 14 "Lincoln the Lawyer." Member Robert L. McKee, Attorney, Labor Relations Executive, Retired.
 - 21 "Soviet Threat." Mr. Gordon Knapp, President, Calso Water Co.; Partner, Kelley Gordon Co.
 - 28 "Some Perspective on California Earthquakes." Richard H. Jahns, Dean, School of Earth Sciences, Stanford University.
- March 7 "Total Body Non-Serial Isometric, Senso Motor Exercise—Physical Fitness Plus." Mr. D. Conrad Jarvis, Consultant, Sports Medicine, Menlo School and College; Vice President for Human Development Gravity Exercise and Systems, Inc.
 - 14 B "Stars, Black Holes, and the Universe." Elmer Hutchisson, Ph.D., Director Emeritus, American Institute of Physics.
 - 21 "Ocean Thermal Energy Conversion." Mr. Roger D. Fuller, Manager, Ocean Systems, Lockheed.
 - 28 "The Dream That Turned Into a Nightmare." Mrs. Ella Wolfe, Hoover Institution Research, Stanford Univ.
- April 4 "Panama Treaties." Member, Harry Hartzell, Chairman Board of Directors, Hercules Powder Co. Ltd., Retired.
 - 11 "Tax Policy." Dan Throop Smith, Ph.D., Senior Research Associate, Hoover Institution, Stanford Univ. 18 "TV—The National Religion." Joan and Donald Lundgren, President of Build the Earth—Attorney at Law.
 - 25 "Bhutan Land of the Thunder Dragon." Mrs. Catherine Armstrong. Wives Day.
- May 2 "The Founding Mothers." Dr. Williston Wirt, Retired. 9 — "Oral History: Promise and Perils." Robert Hessen, Ph.D.
 - 16 "Solar Energy." Dr. Gilbert M. Masters, Ph.D., Pacific Sun, Inc.
 - 23 "New Dimensions of the Hoover Institution." Prof. Paul R. Hanna, Senior Fellow, Hoover Institution.
 - 30 "Proposition 13 Jarvis-Gann." Mr. Marz Garcia, Tax Attorney.
- June 6 "Human Communities in Space—A Vision of the Future." Richard M. Reis, Director of Career Planning and Placement for Science and Engineering, Stanford Univ. 13 "The Changing Structure of the Securities Markets." Louis deK. Beldon, Sr. Partner, Belden Associates,
 - Investment Counsel.

 20 "San Mateo County After Jarvis-Gann." John M. Ward, Supervisor, San Mateo County.

- 27 "Historical Perspective on Proposition 13." Alvin Rabuchka, Ph.D., Senior Fellow, Hoover Institution.
- July 11 "Mining and Prospecting Around the World." William B. Beatty, Geologist, Radio Physics Laboratory, SRI International.
 - 18 "Significance of Magna Carta for Our Day." Rev. Dean Fiennes, Lincoln Cathedral and Curator, Magna Carta.
 - 25 "Meet San Mateo County." Member, President Emeritus, Cañada College, William A. Goss.
- August 1 "The Siege of Mafeking—A Victoria Legend." Member Joy Hutton, Free Lance Writer.
 - 8 "Peru's Golden Treasures." Member Elmer Hutchisson, Ph.D., Director Emeritus, American Institute of Physics.
 - 15 "Advanced Energy Alternatives." Chris Whipple, Ph.D., Mgr., Special Studies, Electric Power Research Inst.

22 — "A Visit to Letterman Army Institute of Research."
Col. Robert Herman, MC, Chief Medical Dept., Letterman Army Institute of Research.

- 29 "Immigration: The Black Hole of Liberalism." Prof. Emeritus Garrett Hardin, Human Ecology, U.C. Santa Barbara.
- September 5 "Observations on International Problems." Weldon B. Gibson, Executive Vice Pres., SRI International.
 12 "Fine Hand Book Binding." Frank Novak, M.D.,
 - Physician, Menlo Medical Center. 19 — "Following Inca Trails." Prof. Paul R. Hanna,
 - Hoover Institution, Stanford Univ. 26 — "Reflections on the Paradoxical Nature of the Soviet System." Dr. Milorad Draschovetch, Senior Fellow,
- October 3 "Alcohol as a Fuel." Mr. Richard K. Pefley, Chairman, Mechanical Engineering Dept., University of Santa Clara.

Hoover Institution, Stanford Univ.

chology, Stanford Univ.

- 10 "A Revolution in Our Time: The Treatment of Renal Disease." Roy Maffly, M.D., Prof. Medicine, Stanford School of Medicine.
 17 — "Studying Earthquake Predicting in China." Robert
- E. Wallace, Ph.D., Chief Scientist, Office of Earthquake Studies, U.S. Geol. Survey, Menlo Park.
- 24 "Terrorism." Dr. Darrell M. Trent, Assoc. Director, Hoover Institution, Stanford Univ.
- Hoover Institution, Stanford Univ.

 31 "The Measurement of Management Success." Prof.
 Thomas W. Harrell, Emeritus Professor of Applied Psy-
- November 7 "Prospects for Salt II." Dr. Sidney D. Drell, Deputy
 - Director, SLAC, Stanford Linear Accelorator.

 14 "Some Cracks in the Ivory Tower." John Bunzel, Ph.D., Senior Research Fellow, Hoover Institution, Stan
 - ford Univ. 21 — "National Gas Pricing Act." E. T. Hilliard, President, Hilliard Oil and Gas.
 - 28 "Innovating Approaches to Insect Control." John Diekman, Vice President, Zorcon Corp.
- December 5 Annual Christmas Party and Ladies Day at Sharon Heights Country Club.
 - 12 "Stanford—A Leading University." Frederick E. Terman, Dr. (ScD), Vice President and Provost, Emeritus, Stanford University.

STATISTICAL SUMMARY

Year 1978

Meetings Held – Regular	
Special	
Average Attendance - Regular Meetings	
Christmas Luncheon	77
Guests	36
Guest Speakers	39
Member Speakers	
Business or Open Forum Meetings	
Membership	
Active Members as of January 1, 1978	
New Members Elected 1978	
Resignations	
Deceased	
Transferred to "Unable to Attend Regularly"	
Active Members December 31, 1978	
Members Unable to Attend Regularly	