



OAK TREE TIMES

A MONTHLY NEWSLETTER

POLYTECHNIC SCHOOL

1030 EAST CALIFORNIA BOULEVARD

PASADENA, CALIFORNIA 91106

A DAY in the LIFE . . .



Biology teacher Jeanne Preso explains the structure of a flower to sophomores Devon Hollingsworth and Chinue Wells and AFS student Bea Estrada.



TC Scotton gives a ride to fellow prekindergartner Taylor Frank.

. . . of POLYTECHNIC SCHOOL



Middle school math teacher Zan Cochran-Bond listens to a solution in her seventh grade class.

THURSDAY, OCTOBER 4, 1990

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FROM THE HEADMASTER

A few weeks ago I finally accomplished something I have been thinking about doing for the past 20 or so years. For three days I suspended my administrative activities and took the schedule of a senior, spending my time going to classes, doing the homework, taking the quizzes, and trying as hard as I could to simulate what it is like to be a student at Poly. My mission was not to get answers to any particular questions to evaluate the quality of the curriculum; I was just curious to get a better picture of what every senior already knows. Naturally I could only get an approximation — age and circumstances being what they are — but I was surprised at how absorbed I became and the extent to which I was able to block out the things which normally consume my attention.

I was also surprised at how many memories of my real senior year came flooding back, and, even though that was 40 years ago, suddenly some frames of mind which had been long forgotten became fresh and alive. It was a very odd sensation with part of my brain being nudged into retrieving memories and another part being challenged to make some sense of James Joyce, colonial America, torques and vectors, and supply and demand curves. I found that I actually looked forward to doing the homework assignments, and even in the absence of any real accountability (no grades were going home to Mom and Dad and there would be no interest on the part of colleges), I did my best to take on the work as seriously as I could. One motivation I did share with my classmates

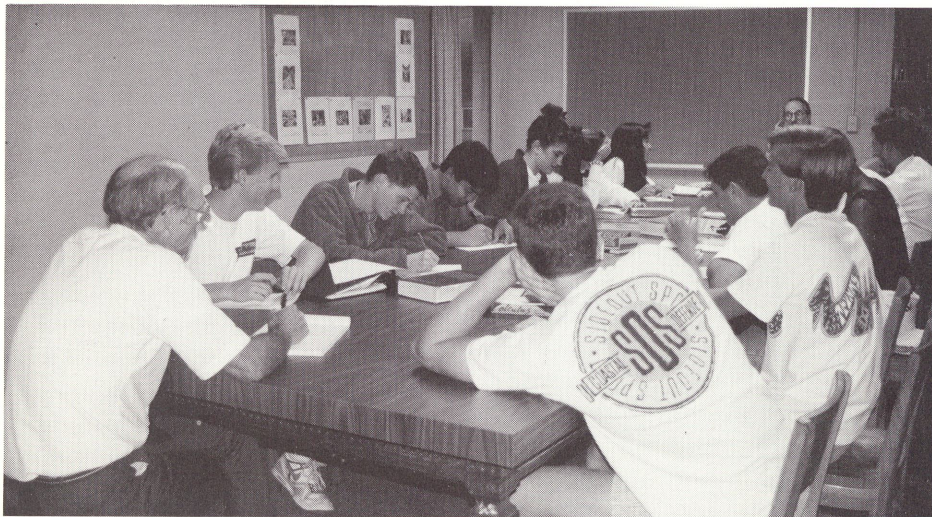
was the desire to avoid being thought of as not too bright.

Much of what I experienced confirmed some long-held notions. It takes a lot of time to complete a normal day's homework load, even without any long papers or lab reports, and there is no letup in the need to pay attention in class. Teachers work very hard to present material in an interesting way and generally do an outstanding job of encouraging students to participate actively in class discussions. I felt very good about all that.

What I did not feel so good about was being reminded how the departmentalization of our academic disciplines creates the impression that knowledge and the great ideas of the world are divided up into separate pockets. Most educators are aware that the artificial divisions created by teaching English, history, math, science, and foreign languages as separate entities limit the integration which needs to occur, but interdisciplinary education has been slow in developing. At Poly we have experimented with projects which bring the science and math departments together, and we have done the same with English and history. We need to do more of this, and just as we have begun to define our curriculum with more awareness of global issues, I hope that we can find effective ways to show our students how the different academic disciplines connect.

As you might predict, I had a marvelous time pretending to be a senior, and I wish I could offer all of you the same opportunity. But alas, our classrooms must be reserved for real students.

— Mike Babcock



Headmaster Mike Babcock concentrates on James Joyce in Bill Pickering's English class as he experiences life as a Poly senior. (See above column.) (photo: Sally Barngrove)

FROM THE BOARD

Fall, to me, is the most exciting time of the school year. The high level of enthusiasm which is endemic to the new academic year spreads throughout the campus, happening in many different settings — the classroom, the athletic field, and the community.

The Board of Trustees also shares in this renewed enthusiasm and at its September meeting established a number of challenging goals for this year.

Some of the major issues to be dealt with include:

- Implementation of a new strategic plan that will chart a course for Poly in the next five years;

- Completion of a master plan which will provide a blueprint of our physical plant needs for the next decade;

- Successful completion of Poly's \$7.5 million Capital Campaign by the end of the calendar year (we are currently at \$6.7 million);

- The raising of \$450,000 in donations from Annual Fund in 1990-91;

- Exploration of additional uses of our facility for summer school;

- Making every effort to reduce the rate of tuition increases Poly has experienced over the past few years.

We would like to give special thanks to Michael Heflin, Betty Green Nickerson '35, and Jill Smith who retired from the Board this year. Each of these individuals dedicated a great deal of effort and expertise to Poly over the years, and we are grateful for their contributions to the school.

Incoming Board members John Bryson, John Toh, and Belinda Smith Walker, who were profiled in the last issue of the *Oak Tree Times*, are not only terrific people but are also individuals who truly care about Poly.

I respect the tremendous energy and talent inherent in each Board member and applaud their combined commitment to the leadership of Poly in the new school year.

— E. David Murphy, President
Board of Trustees

FACTS ABOUT POLYTECHNIC SCHOOL 1990-91

Headmaster

A.B. (Mike) Babcock '48

THE SCHOOL

A coeducational day school, grades prekindergarten - 12

Curriculum: College preparatory

Founded: 1907, Polytechnic Elementary School, grades K - 8

Extended: 1958, Polytechnic School, grades PK - 12

Campus: 15 acres. North campus, 10 acres. South campus, 5 acres.

Organized: Lower school (north campus) — PK - 5

Middle school (north campus) — 6 - 8

Upper school (south campus) — 9 - 12

Accredited by: California Association of Independent Schools, Western Association of Schools and Colleges

Memberships: National Association of Independent Schools, California Association of Independent Schools, School Scholarship Service, Council for Religion in Independent Schools, Alliance for Minority Affairs, Council for the Advancement and Support of Education

Incorporated: 1907 — a non-profit, coeducational day school, governed by a Board of Trustees

THE TRUSTEES

Responsibilities: Establish the educational and financial policies of the school

Number: 20

Officers: President, E. David Murphy; vice president, Dianne M. Magee; vice president, Barbara P. Poer; secretary, Carl J. West '69; treasurer, Robert E. Denham

Subcommittees: Buildings and Grounds, Development, Education, Executive, Finance and Tuition Assistance, Long Range Planning, Nominating, Personnel/Salaries and Benefits, Scott Trust, Board Procedures

THE ALUMNI

Total: 6,687: 1908 through 1990

Currently active: 3,492

Organization: Alumni Association of Polytechnic School

Responsibility: Encourage involvement by alumni in the organizational, educational, and financial life of the school

Officers: President, Maritia Barnum Walper '76; vice president and treasurer, George Schirtzinger '69; vice president, Fifty Year Club, Frederic E. Graff '22; vice president, development, Phil Huffman '74; vice president, alumni relations, Tom Kidde '68; vice president, alumni events, James Hole '73; recording secretary, Georgia McClay '57

Members-at-Large: 12

Number of alumni who are parents of current students: 52

Number of alumni who are grandparents of current students: 16

THE STUDENT BODY

Total: 822

Lower: 299

Middle: 204

Upper: 319



The Secretary of Energy, Admiral James D. Watkins '41, visited campus on October 5, and spoke to upper school students in Garland Theater on education and commitment. Top photo: Admiral Watkins talks with senior Kim Ly during a visit to a chemistry lab. Bottom photo, clockwise from top left: Admiral Watkins and his brother, John '40, Upper School Director Kathy Knapp, Sheila Watkins, wife of the Admiral and an early childhood development specialist who is starting a child care center at the Department of Energy, and Headmaster Mike Babcock pause for a photo before their visit to the Seeley Mudd Science Building.

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ALUMNI NEWS

Alumni Abroad

Last month we printed reports from two Poly alumni who live abroad. We continue this month with this series of responses to our spring questionnaire asking alumni to comment on what it's like to live as an American outside of this country.

SOUTH AMERICA

"What is thrilling is the relationships we have with people here. We are at home here. We have experienced life's mountains and valleys, birth and death, in this place. We are thrilled to see how God changes lives. Not so thrilling? the idea of leaving someday," writes **Debbie Wilson Hervey '72**.

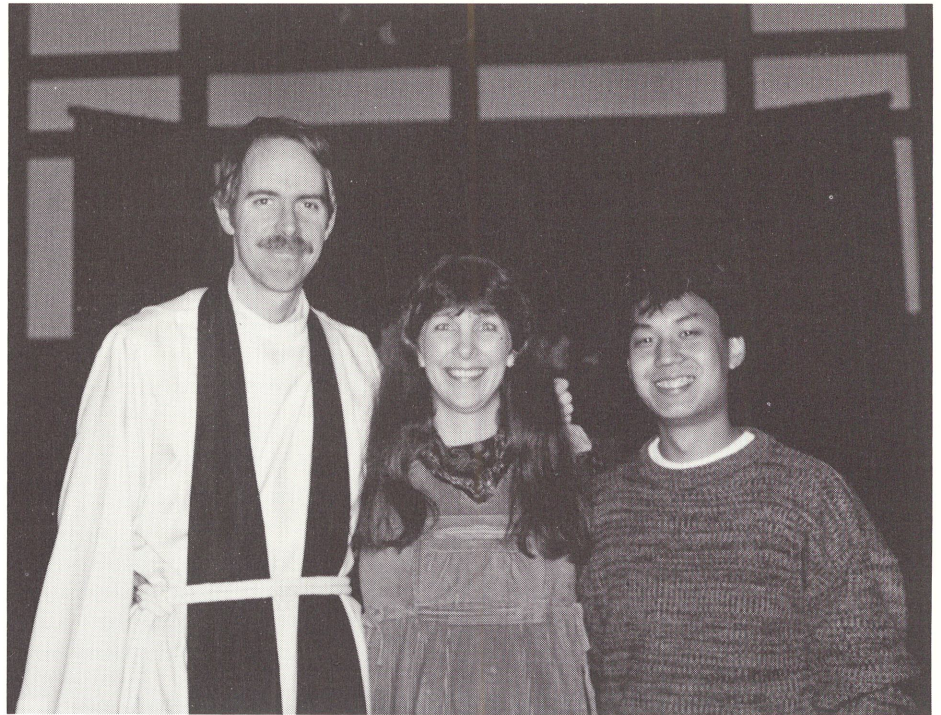
Debbie has been living for the past four-and-a-half years in Punta Arenas, Chile, where her husband, John, is the pastor of the Anglican Church.

"We live in a large two-story house with a spectacular view of the Strait of Magellan. All the roofs are of corrugated iron because of the high-speed winds, and they are all painted bright colours; red, orange, green, blue — affording quite a colourful view of the city.

One of the easiest customs to adopt — "the warm Chilean greeting — a hug and kiss on one cheek. People seemed so cold in comparison when we were in the States." Not so easy — "different view of time. Having been drilled as a child on the importance of promptness, I still find expected tardiness a bit disturbing. And phone calls and drop-in visits at 10:30, 11:00 and later, still take me by surprise."

Her years in Chile have provided an invaluable opportunity to see her own country as others do. "We are taught to be rather narrow and critical of other peoples and countries growing up in the U.S.A. We are saddened as we look to the U.S. from afar, noting that very little of positive value is coming this way, but very much destructive influence reaches us in Chile.

"We were so aware of the high value of 'convenience and comfort' in the States after being away for four years. There is so little of lasting value being passed onto the next generation. The family as a stable unit is threatened and we were shocked by attitudes towards the elderly, the sick and espe-



Small-world story of the month: Poly senior Ken Iwasaki, right, spent this past summer in Punta Arenas, Chile, through the AFS exchange program. There he discovered, purely by accident, that the wife of the pastor of the local Anglican church was a Polytechnic School graduate. Debbie Wilson Hervey '72 and her husband, John, pose here with Ken.

cially children. We hope and pray that people will rethink some of these attitudes and that we will see a return to more stable values."



AFRICA

"No work permit for me, so I must work in either the Embassy or at home. [There is] very limited opportunity to be hired locally — most Americans are hired 'at home' and brought over here," writes **Elizabeth Grady Merkin '70**.

The embassy she refers to is located in Lagos, Nigeria, where her husband has completed one year of a two-year assignment as the regional medical attaché. He takes care of local populations as well as diplomats from the U.S. and other countries who are based in Nigeria and five other nearby West African countries. Trained as an attorney, Elizabeth is "doing part-time legal work for U.S.A.I.D. (Agency for International Development) and developing a small private 'portable' law practice of wills and trusts for Americans living abroad (either Embassy personnel or American cor-

poration employees)."

"We live in diplomatic corps housing. Because we have 'representational' responsibilities (i.e., we must entertain the local and international medical and diplomatic people), we have a very large home with large yard and indoor entertaining space."

One of the most enjoyable aspects of her current home is the international community — the some 150 embassies and diplomatic missions with plenty of opportunity to mix and learn. "Not so thrilling is the embassy — enforced security measures which have us housed within 10-foot walls with guards, so it's not so easy to mingle with neighbors — also, terrible phone service (inoperative during the day), open sewers in street, no sidewalks, lots of theft, lots of military checkpoints."

As for her experiences as an American abroad? "Nothing can prepare one for anti-American sentiment abroad. It comes as such a shock." She also notes that "We're grateful for stability; more intolerant of injustice and inequality (it's one thing in a developing country with a military despot president, quite another in a wealthy, advanced leader nation...)."

Former Faculty

Once again we update you here on the activities of Poly's former faculty.

Sally Beam, P.E. — I have been teaching health and P.E. to grades seven through 12 at Capistrano Valley Christian School for the past two years. This fall, I will be director and teacher of lower school P.E. at St. Margaret's School, an Episcopal school in San Juan Capistrano. I am looking forward to being with elementary children again, as I was at Poly.

Jason Bloomberg, Math — After picking up a couple of masters degrees (history and philosophy of science and math), I am again working at a private school, the Winchester Thurston School. I am the chair of the computer department and teach eighth and eleventh grade math and K through eighth grade computer classes. I also got married May 27th!

Mary E. Connor, History — I have continued to teach since I left Poly, except for a brief time when I was at home with my preschool daughters. Since 1975 I have taught U.S. history and other history courses at Westridge School. Next year will be my twentieth year of teaching. I have found my profession to be most gratifying. Would love to hear from any of my former students.

Steve Cunha, Science — I left my position as upper school biology instructor in 1982 to earn a master's degree in geography at UC Davis. I met Mary Malloy, a fellow graduate student and cartographer, and we were married in Yosemite in the witness of numerous members of the Poly community (Alan Geier and Eric Jorgensen served as "Best Men"). We followed graduate school with three wonderful and wild years in Alaska as field rangers with the National Park Service in Glacier Bay, the Wrangell Mountains, and the St. Elias Range. We lived in small towns and native villages, working with the local people to implement park legislation passed in the final days of the Carter administration.

I am now Chair of the earth sciences department and instructor of geography at Cosumnes River Community College in Sacramento. We recently returned from a college assignment in Malaysia, where I implemented an American studies program. We have purchased a home close to the UC

Davis campus where Mary is staff cartographer for the geography department. The best news of all is that we are expecting our FIRST CHILD ANY DAY!!! A new adventure which we approach with great anticipation. The event will be celebrated with our families who live in close proximity.

One byproduct of long Alaskan winters and the college recess in California has been large chunks of free time. As geographers we filled the niche with foreign travel. To date we have sojourned three months or more in each of the following locations: China, India/Pakistan, Nepal and the Tibetan Plateau, east and south Africa, the Andes/Atacama Desert, Amazon Basin, Papua New Guinea, and the Iberian Peninsula. Perhaps our most memorable journey together was a three-month overland jaunt from Karachi to Beijing, during which we visited rice planters in the Indus Plain and refugee camps along the Afghan border, backpacked in the Karakorum Mountains, stayed with goat herders in the Pamir Mountains, and crossed the Taklamakan/Gobi Deserts via hitchhiking and the Chinese bus/rail systems. We will take to the road again next June for a year in the Pamir Mountains of Soviet Central Asia. Mary will conduct a mapping project and I will complete field work for my doctoral dissertation in geography at UC Davis. (With a small, year-old papoose on our backs!)

Rosalie Dunham, Math — At home — sleeping late, reading, playing with grandchildren. Gardening at a friend's home and as a volunteer at the Arboretum. Volunteering at the church bookstore-library. Spending hours listening, facilitating, organizing activities for "Starting Over," the grief and bereavement group for the Arcadia Methodist Hospital. Traveling — Alaska, Oregon, Oklahoma, Arkansas, etc.

Priscilla Dunn Flynn, Staff — Former student, parent, academic secretary, alumni director, assistant to headmaster, assistant admissions director, assistant summer school director, master calendar keeper, and general odd-jobber. Present world-traveler, hospital volunteer, daytime movie-goer. Looking for a place to live, a new car, and more adventures!

Norm Frank, Math — (1) Reading the Los Angeles Times, magazines, and an occasional book. (2) Working in the garden. (3) Grocery shopping with

Mrs. Frank, preparing lunch, washing dishes. (4) Working with a local political club, writing advocacy letters. (5) Working at gardening and maintenance tasks at our son's restaurant on Saturdays. (6) Tutoring students in mathematics. (7) Substituting in Poly's middle school classes. (8) Corresponding with friends and relatives. (9) Baby-sitting a grandson and three granddaughters. (10) Visiting friends and relatives. (11) Walking 1.2 miles once or twice a day. (12) Taking a siesta after lunch. (13) Watching the MacNeil/Lehrer News Hour. (14) Petting the dog next door — through a chain link fence.

David W. Hassler, History — Am teaching seventh grade cultural studies and various P.E. classes at Westridge.

Alice R. Hawkins, Kindergarten — I retired in 1975, taking with me many happy memories of Poly from the days of Miss Henley to the days of Willis Stork. They were good years. I still live in Pasadena. In 1977 I began volunteering at St. Luke Hospital and have continued to be active in the volunteer program. Trips to the east and south to see relatives and friends have been pleasant interludes.

Lucy Hovsepian, Staff — Retirement for me (four years ago) has been a fruitful and rewarding part of my life. I have traveled to Hawaii, Canada, Florida, and the New England states. I have also had lots of time to spend with my four grandchildren and to do volunteer work.

For the past two years, I have been chairlady of the San Gabriel Valley Ararat Guild — raising funds for a home for the aged, convalescent hospital, retirement home, auditorium, library, and a chapel to serve the Armenian community. For relaxation, we have an area set aside where my husband does sculpturing and I work at acrylic painting, pastels, and charcoals.

Yes, I am keeping busy and that's what retirement is all about.

Would like to say "Hi" to all of my Poly friends. Stay well, all of you.

Mona Hayles Kanner, Woodworking — I am spending my last year in California in San Gabriel with my husband, Burt, and stepson, Dan. I am renovating the house while Burt finishes his last year of teaching and coaching at San Marino and Dan finishes his senior year at the same school. (Watch the Star News sports for Dan's swimming accomplish-

(continued next page)

Former Faculty

(continued from page 5)

ments.) In December we purchased a 28-acre ranch/forest near Salem, Oregon, and we will be moving up next June. My plans are to raise llamas and potbellied pigs. So far we have one female llama. In addition to the critters there will be more house renovating, gardening (including the 100 blueberry bushes on the ranch), setting up a great woodshop, hiking, and "enjoying" all the work of country life. Burt will continue to teach.

Anne and George Moses, English/History — It's great to have time for more physical activity — dancing and gardening (Anne), yoga (both), and walking (both, especially George, who credits his walks of up to four or five miles nearly every day, along with quitting smoking, with his strong recovery from last summer's heart attack). George has also been editing a book of his grandfather's and doing genealogical research which included a trip, shared by Anne, to the library in Salt Lake City; Anne has also seized every opportunity to do acting, storytelling, and dramatic reading.

As volunteers, Anne teaches adults to read, and George works in the Southern California Genealogical Library and raises funds for the Unitarian Universalist Service Committee.

In September, we are off for a three-week trip to the British Isles, and in October, it's back to New England for the foliage and another glimpse of our new granddaughter.

Charles A. Peterson, English/Soccer — After two years as a copier salesman for Kodak (my first sales territory was East L.A.), three years as a sales manager in Silicon Valley, and one year as a service manager, I came back to corporate headquarters in "sunny Rochester." I have worked in a staff role back here with several interesting projects, among them (a) integrating IBM copiers into our business when we bought that division in 1988, (b) developing and delivering a training program in customer relations for our field service force of 5,000, and (c) exploring ways in which our division can do business in a more environmentally responsible fashion. I miss my friends at Poly.

Ann Riordan, Science — I received my M.A. in journalism from USC in 1986 and am now a freelance writer specializing in science and med-

ical articles. I also write restaurant reviews and features for the Pasadena Star News. Am enjoying my new career immensely!

Hermann Schmalzried, Music — I have retired from teaching music in public schools. I'm enjoying the free time to play music and work in my garden.

Dale Griffiths Stamos, French — Well, I'm still happily married and hanging out in crazy, lovely Venice Beach. I continue to pursue my writing career, and these are a few of the results so far: one short play produced in L.A., another currently a finalist at Louisville; a television script bought by CBS, but then shelved; a children's book being considered by agents; and, of course, the music keeps flowing — most of it now into a musical I'm at work on.

But don't think I've entirely abandoned foreign languages! I'm currently studying Greek (yes!) in preparation for a second visit to the "Stamotoyannis" clan back in Greece! Now, to those of my former students reading this, I want to say that I think of you often, wonder what you're up to and wish you a heartfelt "bonne chance" in all your current and future endeavors!

Teri Taylor, Flagler assistant — I am enjoying life in Rye, New York, and am volunteering in the library/AV

center at Rye Country Day School. Having seasons is a new thrill. Amy's and my favorite is "snow days" (no school). I find myself in the city at least twice a month, sometimes visiting friends from out of town, or more often just enjoying New York City and all it has to offer.

Recently, while at a Prudential Bache convention at Amelia Island, Florida, I had dinner with the former ambassador to Brazil, who is the new ambassador to Nicaragua.

Although I've been here three years, life in New York is still new and exciting, but I do miss Poly and all of you!

Pam Lochhead Trachta (formerly Pam Weaver), Photography — Former photography teacher. Married Stanford classmate last year and moved. Now director of development for the University of Arizona Heart Center. Photographing and writing on the side!

Jan Wickersham, Fifth grade — President/CEO of Foresight Travel Management Corporation located in Hollywood, California. Would love to hear from some former students!

Irma T. Whitchurch, Librarian — Retired and now traveling — U.S.A. and world! Especially the South Pacific. The years have passed, so at 87 years I am joyously reviewing the past and quietly the present, books in hand!

College Visitors in November

Admissions officers from the following colleges and universities will visit Poly this month to talk with interested juniors and seniors:

November	1	USC, St. John's (New Mexico), George Washington, Yale
	2	Babson, Wesleyan, Washington Univ. (St. Louis), Claremont McKenna
	5	Case Western, Oberlin, Harvard, Johns Hopkins
	6	Westmont, Dickinson
	7	Trinity (Conn.), Smith, Dartmouth
	8	Lafayette, Middlebury, Univ. of Rochester, Pepperdine
	9	Simmons, Franklin and Marshall, Rice
	12	Wheaton
	14	University of Denver, Denison
	15	DePauw, Occidental, Princeton
	20	Colby
	27	Stanford
	28	Ripon

POLY DAYS



A CALENDAR OF UPCOMING EVENTS

NOVEMBER 1990

BULLETIN BOARD

Grandparents Visiting Day

All grandparents are invited to spend a morning in class with their grandchildren on Wednesday, November 21, from 8:00 to 10:00 a.m. Classrooms are beginning to overflow with autumn and holiday projects, so it should be a colorful and entertaining time for a visit.

City Manager to Speak

Pasadena's new city manager will meet with parents, students, alumni, and friends on Monday, November 5, at 6:00 p.m. in Flagler Learning Center.

Job Opportunity

Terri Paterson, our morning receptionist on the north campus for the past five years, will be leaving us at the end of November in order to spend more time with her children... including her newest, due in mid-December. We have begun the search for her replacement; please contact Bob Orr at 792-2147, ext. 168 if you would like more information.

Baby Boy!

On September 5, Poly teachers Kathy and Steve Robinson became parents of Daniel Joseph, weighing in at 6 lbs., 9 oz.

The Oak Tree Times is published eight times during the academic year for parents, alumni, and friends of Polytechnic School, 1030 East California Boulevard, Pasadena, California 91106. Phone: 818-792-2147. FAX: 818-796-2249.

Editor: Sally Barngrove

*Assistant Editors: Amy Harris
and Pam Mathog*

*Contributors: Jerome Barnum, Laura Graney,
Lawrie Kleinberg, Pattiann Smith,
and Barbara Tolbert*

Upper School Plays

The upper school Advanced Acting Ensemble will present John Patrick's *The Curious Savage* on Wednesday, Thursday, Friday, and Saturday, November 14-17, at 7:30 p.m. in Garland. Tina Cocumelli Kirby will direct the play and Stuart Freed and the Stagecrafts Club will provide technical direction. Seating is limited; please reserve with a cast member or Tina.

Loose Slips Buy Chips

Computer chips, that is. At last count, Poly collected \$28,000 in Vons receipts as part of the store's offer to redeem receipts for computer hardware and software for schools. We still have a ways to go to reach the goal of \$225,000 needed to win a free Apple Macintosh SE for the north campus computer center. So, until the official end of the offer on January 30, please continue to deposit those green receipts in the bag in the administration building or in Glennie Cameron's office.

New Poly Phone Number

In addition to our regular telephone number at Poly (818-792-2147) we now have a new number: 818-792-3479. You may use this new number any time that you wish to bypass the switchboard and go directly to our new "automated attendant." For example, if you know the extension of the person you wish to reach, our new number might save you time and would help to relieve some of the occasional moments of congestion at the switchboard. Of course, we will continue to answer our regular telephone number at the switchboard on most occasions.

November is Book Month

Pat Schaefer, north campus librarian, and Marianne Newman will give their "book talk" at 7:00 p.m. on Thursday, November 8, in the north campus library. Books for young people, including new titles, old favorites, picture books, and award winners will be discussed. Pat and Marianne have prepared a bibliography entitled "Books for Holiday Giving and Year-Round Enjoyment," which they will distribute. Refreshments will be served and those who would like to come early and browse through the display of books are welcome to do so starting at 6:30 p.m.

Book Fair

Poly's annual Book Fair to benefit book purchases for the north campus library will open with an evening preview on Monday, November 26, from 7:00 to 9:00 p.m. in Gosney Hall. The enormous selection of books offers the perfect opportunity to do much of your holiday shopping in one stop. Cash, checks, Visa and Mastercard will be accepted. Children, with permission, will be able to use their parents' charge cards. The Fair will continue in Gosney through the week, with hours on Tuesday, Wednesday, and Thursday from 7:45 a.m. to 4:00 p.m.; Wednesday evening from 7:00 p.m. to 9:00 p.m.; and Friday, December 1, from 7:45 to 8:15 a.m.

Russian Lecture Series
Monday, November 12

Literary critic Natalia Ivanova
"Perestroika and the Problems of
Literature and Society"

7:30 p.m.
Flagler Learning Center



Goalie Andrew Schneider blocks a shot during the October match against La Salle.

(photo: Jerome Barnum)

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NOVEMBER 1990

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28 10th grade parents party/ 4:00 6th grade parents party/ Garnetts, 6:00	29 Board of trustees mtg./ conf. room, 7:30	30 Leningrad Children's Choir visit — lunch and rehearsal	31 HALLOWEEN United Way campaign (through Nov. 12) Upper school dept. heads mtg./2:30	1 Yale admission presentation/ Garland, 7:30	2 Lower school Spanish classes — "Day of the Dead" Book Fair mtg./conf. room, 8:30 Assembly — upper school talent show/Garland, 11:00 8th grade parents party/ Athenaeum, 7:00	3 SAT and Achievement testing/ 8:00-noon AFS dinner/evening
4	5 Middle school faculty mtg./conf. room, 3:15 Alumni/Poly community meets Phil Hawkey/ Flagler, 6:00 9th grade parents party/ Athenaeum, evening	6 ELECTION DAY Forum mtg./conf. room, 11:45-12:30 Lower school faculty mtg./ 3:15 Annual fund telethon/ admin. bldg., 5:00	7 Dartmouth admission presen- tation/lecture hall (room 109), 7:30	8 3rd graders to La Brea Tar Pits and Page Museum 9:45 Annual fund telethon/ admin. bldg., 5:00 Book talk for parents and teachers/north campus library, 7-9:30 7th grade peer group mtg./ Seymour, 7:30	9 Blood Drive/Gamble Gym, 1-5:45 Middle school talent show/ Garland, 1:15 2nd grade parents party/ Hedens, 6:30 Upper school Tijuana trip leaves/2:30	10 Alumni Murder Mystery Dinner/Gosney, evening AFS dinner 3rd grade parents square dance/5-9:00 Upper school Tijuana trip returns/10:30 p.m.
11	12 Annual fund telethon/ admin. bldg., 5:00 Russian Lecture Series: Natalia Ivanova, literary critic/Flagler 7:30	13 5th grade peer group mtg./ Flagler, 7:30	14 Lower school room parents mtg./Flagler, 7:30 Middle school parents mtg./library, 7:30 Upper school grade parents mtg./drama room, 7:30 Adv. Acting play — <i>The Curious Savage</i> / Garland, 7:30	15 Adv. Acting play — <i>The Curious Savage</i> / Garland, 7:30	16 Middle school faculty retreat — middle school student holiday Adv. Acting play — <i>The Curious Savage</i> / Garland, 7:30	17 Adv. Acting play — <i>The Curious Savage</i> / Garland, 7:30
18	19	20 Development comm. mtg./ conf. room, 7:30	21 Grandparents Visiting Day Noon dismissal for Thanks- giving	22 THANKSGIVING	23	24
25	26 Book Fair — evening preview/Gosney, 7-9:00 Board of trustees mtg./ conf. room, 7:30	27 Book Fair/Gosney, 7:45- 4:00	28 Book Fair/Gosney, 7:45- 4:00 Upper school faculty mtg./ 2:30 Pack 5 mtg./Garland, 7-8:30	29 Book Fair/Gosney, 7:45- 4:00 Education comm. mtg./ conf. room, 4:00	30 Forum mtg./conf. room, 7-8:00 Book Fair/Gosney, 7:45- 8:15	31 SAT and Achievement testing/8:00 - noon All day rehearsal for 8th grade musical/Garland

*Times in bold are morning events.

NOVEMBER SPORTS

(Events take place in the afternoon unless noted otherwise.)

- Thursday 1 — Water polo, St. Monica's, V, 3:15
Middle school girls volleyball at Flintridge, A, 3:15, B, 4:15
- Friday 2 — Middle school boys volleyball, Chandler Tourney, T.B.A.
- Thurs.-Fri. 1-2 — Freshman volleyball, Poly Tourney, T.B.A.
- Saturday 3 — Football at Flintridge, JV, 11:00, V, 1:00
- Tuesday 20 — Boys soccer, Windward, V, 3:30 (scrimmage)
Girls basketball, Alverno, JV, 3:15, V, 4:15 (scrimmage)
- Tuesday 27 — Girls soccer, Blair, V, 3:15 (scrimmage)
- Wednesday 28 — Girls basketball, Blair, JV, 3:30, V, 5:00
Boys soccer at Harvard, V, 3:30
Boys soccer, Harvard, JV, 3:30
- Thursday 29 — Girls soccer at Marlborough, V, 3:30
Girls basketball, Marlborough, V, 3:45, JV, 5:15
- Friday 30 — Boys soccer, Arroyo, V, 3:00, JV, 4:00
Boys basketball, Maranantha, JV, 6:00, V, 7:30
Girls soccer, La Quinta Tourney, JV, T.B.A.



First-graders Kate Thomas and Rebecca Robinson work on their pullups.

Girl Scouts

Troop 45 is the oldest continuing Girl Scout Troop at Poly. These ninth grade girls are preparing for a trip to Girl Scouts Headquarters in London and Switzerland and are looking for odd jobs to earn money for their trip. They are offering their services as babysitters, servers, cleanup at parties, or for any other chore around the house where you could use a willing and conscientious helper. Call Louise Jones at 796-5529, or Sally Barngrove at 793-7733 to hire a Scout.

Other fundraisers: on Monday, October 22, eighth graders in Troop 42 were scheduled to offer "Halloween Fun Day," a day of babysitting on Poly's school holiday in the Scout room of the gym. In December, the Troop plans a Christmas crafts day for youngsters while their parents go holiday shopping. For information, call Linda Pomerance.

— Louise Jones

FACTS ABOUT POLYTECHNIC SCHOOL

(continued from page 3)

Boys: 403
Girls: 419
New students, 1990-91: 111
Graduating class of 1991: 77
Class of 1990: 80
National Merit honorees: 33, or 44% of the class
College Board median scores: Verbal - 610, Math - 680
Student/Faculty ratio: 10-1

THE FACULTY AND STAFF

Full-time Faculty: 82
Full-time Administration and Staff: 27

FINANCES

Operating Budget: \$7,856,006

Income:	
Tuition and fees:	\$6,119,316
Endowment	445,000
Annual Fund, gifts, grants	1,061,347
Other	230,500
TOTAL INCOME	\$7,856,163

Expenses:	
Salaries & Benefits	\$5,633,315
Tuition Assistance	639,000
Materials, Maintenance	1,129,175
Other	454,516
TOTAL EXPENSES	\$7,856,006

Endowment: \$7.7 million

Tuition:

PK-K:	\$5,685
1-5:	\$6,460
6-8:	\$7,300
9-12	\$8,195

THE ANNUAL FUND

Funds raised in any year are applied to next year's operating budget.

1989-90 (for the 1990-91 budget):	\$429,017	TOTAL
Parent contributions:	\$197,792	
Alumni contributions:	\$125,484	
Friends contributions:	\$105,741	

1990-91 goal (for the 1991-92 budget): \$450,000

THE CAPITAL CAMPAIGN

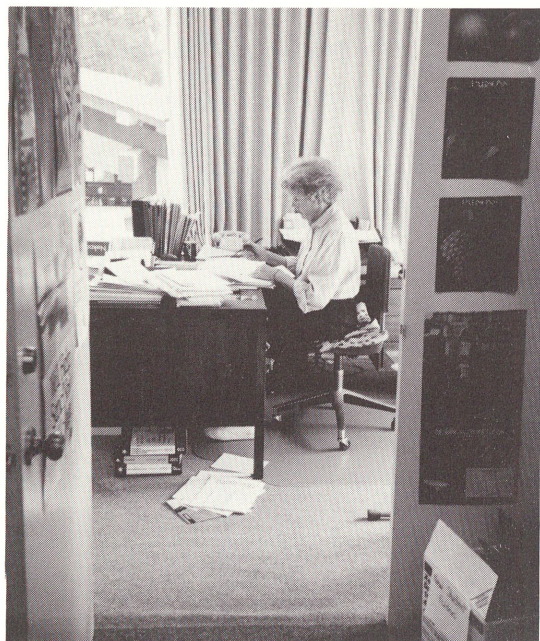
Goal: \$7.5 million
Raised to date (9/7/90): \$6,614,008

THE ENTIRE POLY COMMUNITY

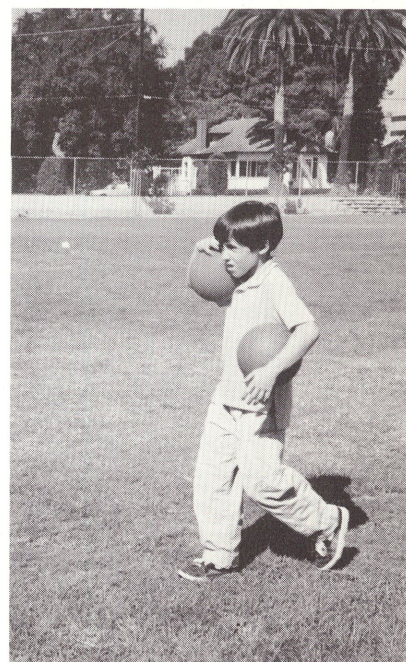
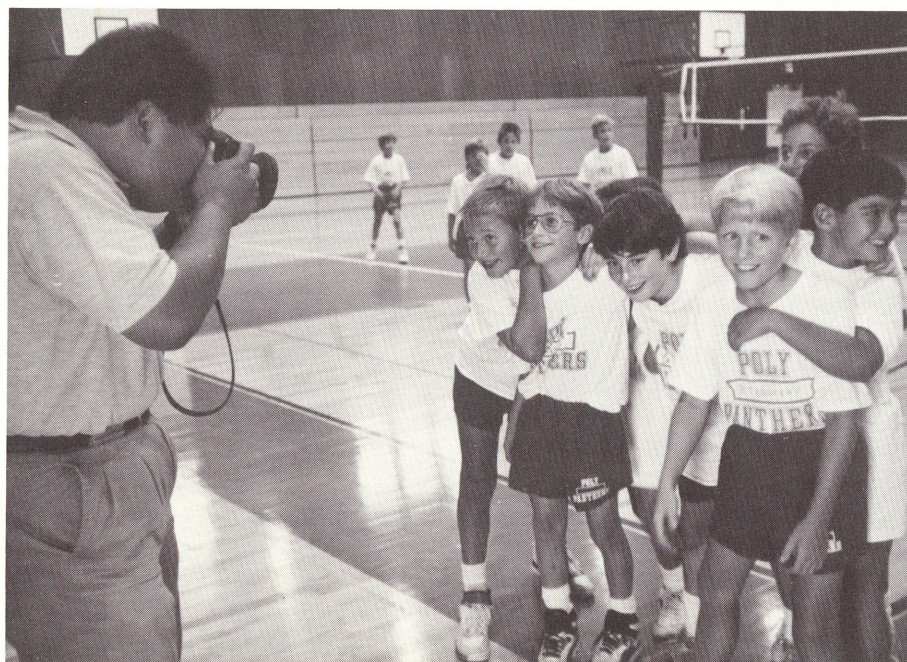
Parents, students, faculty, staff, alumni, grandparents, former parents, former faculty, former grandparents, friends, neighbors: 6,713

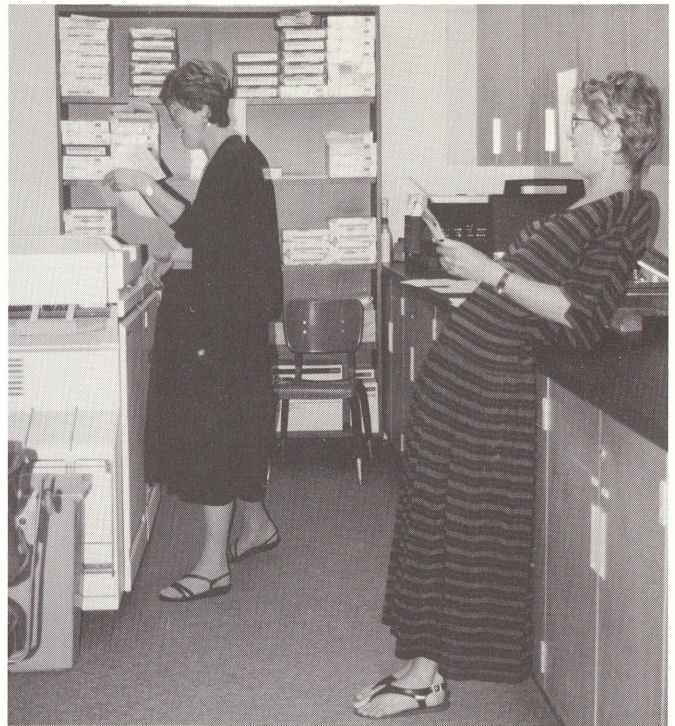
A Day in the Life of Polytechnic School

(continued from page 1)



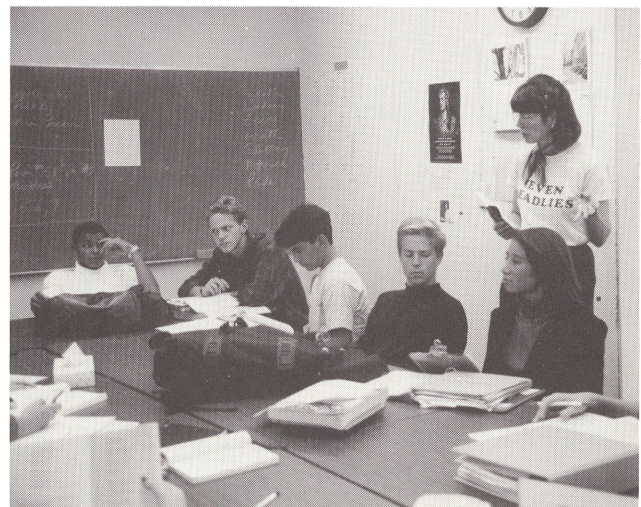
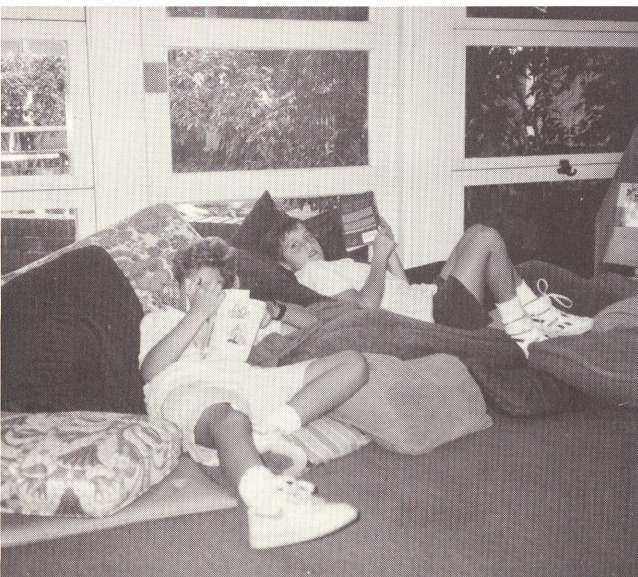
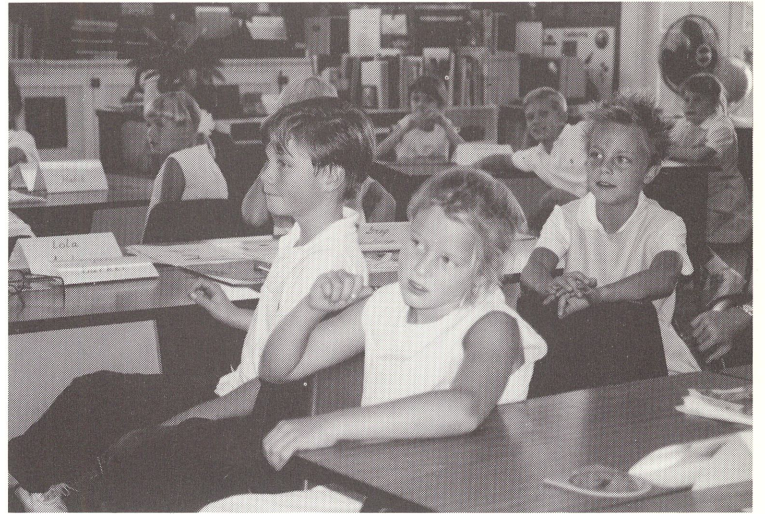
Clockwise, from top left: Director of College Counseling Dawn Cobb in a rare moment of quiet, not surrounded by seniors with questions about college; Lisa Greeley organizes first grade girls for P.E. instruction; fine arts instructor Stuart Freed gives ceramics guidance to sophomore Erik Heger; fourth-grader Evan White helps out. Photographer Bob Paz, on campus taking photos for the annual report, captures a moment of camaraderie with second graders.

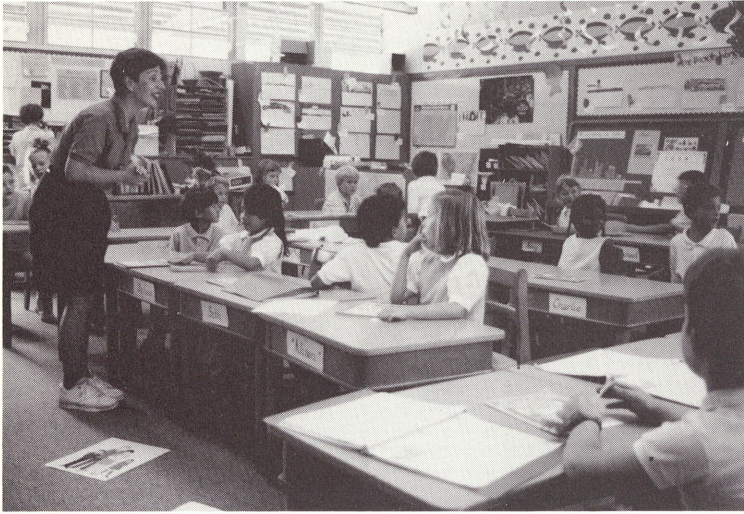


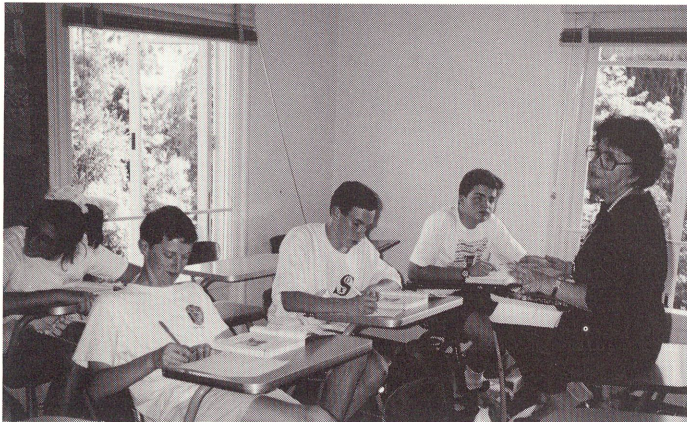
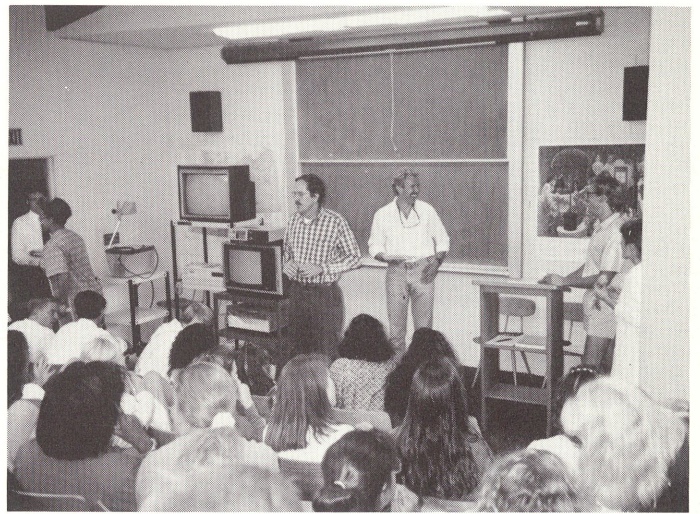


Page 12, clockwise from top left: Yearbook photographer Marvin Carlson takes a picture of senior Gretchen Schuck in the outdoors amphitheater of Garland; fourth grade teacher Susie Wilson and science teacher Diana Raney exchange photocopying jokes; middle schoolers head for a lunch spot in Grace Henley Patio; lower schoolers learn the proper placement of their arms "reindeer style" for volleyball; Business Manager Bob Orr and Plant Manager Roger Hunt discuss changes to the north campus play area.

Page 13, clockwise from top left: Upper School Community Service Director Lou Fox meets with senior and Tournament of Roses princess Andrea Uyeda; attentive fourth graders Ryan Barker, Katherine Kiddé, and Kate Gillam await instructions for their letter writing project; seventh graders Anubha Sarohia and Christine Westfall drape Jennifer Lanski in decorations for a community service project for the Pasadena Senior Center; upper school English teacher Bev Boyd discusses a John Donne poem with sophomores; a soft spot for reading in the north campus library attracts two customers; Director of Alumni and Communications Sally Barngrove plans a 5th reunion with class reps Boyd Power and Bob Burrows of '85.







Page 14, clockwise from top left: Lower school Spanish teacher Ana Navarro talks about families, in Spanish, with Jane Soloway's first graders; seniors James Lippincott and Josh Abrams (in back) videotape a lunchbox testimonial from junior Martin Andersons and sophomore Chinue Wells for showing at a Saturday night dance; parent Laura Motley serves up pizza on Pizza Day to raise money for community service projects; Dorothy Wooddell leads her third graders back to class; Director of Development Carol McCrary and her assistant, Andriana Armstrong, plan strategy for annual fund letters; upper school Spanish teacher Cathy Shelburne involves students in discussion from her seat at the back of the room.

Page 15, clockwise from top left: Fourth-graders Neetu Khana and Kelly Poland haul their musical instruments back from practice in Garland; Greg Feldmeth, associate director of the upper school (in plaid shirt) and Tom Moore, coordinator of Poly's outdoor education program, meet with juniors to discuss their Green River trip in Utah; Luana Castellano, director of admissions, (far left) and Ann Vedro meet for a picnic lunch with the north campus students new to school in September; the staff of the upper school newspaper, The Paw Print, meets at lunchtime for decisions on the upcoming issue; Mme. Assaf with her upper school French students.



POLYTECHNIC SCHOOL

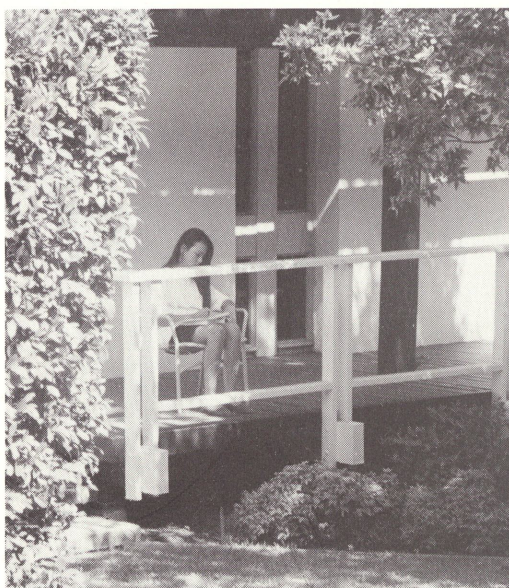


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Clockwise from top left: P.E. teacher Steve Beerman and Athletic Director Chuck Ellis boost first graders in the gymnastics room of the Scott Gymnasium; while middle schoolers play flag football, varsity and junior varsity football players practice and wait for the field; nighttime brings parents back to the history building classroom on south campus for Parents Night; the porch of Boswell Library offers a quiet spot for study.

Photos for A DAY in the LIFE of POLYTECHNIC SCHOOL were taken by Sally Barngrove, Pam Mathog, Elizabeth Lanski, and Sally Jeanne McKenna Barnum.