

The View

February 24, Vol. 2, No. 14

From
California State University Hayward

Search opens for associate vice president, Admissions and Records

The application period is open for individuals interested in the position of associate vice president, Admissions and Records.

Members of the search committee are Al Mathews, chair, KPE; Vernon Kam, accounting; Leone Nidiffer, Institutional Research; Emily Stopper, political science; and Richard Symmons, biological sciences.

Oversees four units

The associate vice president is responsible for planning and directing four separate units associated with enrollment services: the Office of Admissions and Records; the Office of Relations with Schools; Student Affirmative Action; and Student Academic Services, which includes the Learning Resource Center and Educational Opportunity Programs.

This officer reports to the Provost and Vice President for Academic Affairs and supervises approximately ninety staff members. Responsibilities include leadership in outreach to nearby community colleges and secondary school districts and also development and use of enrollment management strategies for university planning and budgeting.

Qualifications

Applicants should have a master's degree; at least five years of responsible experience in an office of admissions and enrollment services or a university office of comparable complexity; experience in working with a diverse student population; ability to supervise a complex office, stay abreast of rapid changes and adapt a large organization to those changes; and experience with installing new data bases and applications.

Campus profile

California State University, Hayward is a comprehensive, regional

university committed to excellence in teaching and research. Located in the San Francisco Bay Area, CSUH serves one of the most culturally diverse populations in the nation and seeks to enhance the multicultural character of the campus. CSUH has an enrollment of 13,000; forty-three percent are minority students. A large number of students enter as transfers. The University employs over six hundred full-time and part-time faculty and 850 staff and offers a full complement of undergraduate majors and twenty-three graduate programs at the master's level.

CSUH is an Affirmative Action, Equal Opportunity Employer. Minority and female applicants are urged to apply.

Please address nominations and applications to: Chair, Search Committee for the Associate Vice President, Admissions and Enrollment Services, Office of the Provost and Vice President, Academic Affairs, Cal State Hayward, Hayward, CA 94542-3007.

Seating capacity increased for St. Patrick's Day luncheon

The most popular tickets on campus each year are those for the annual St. Patrick's Day Luncheon. This year's celebration will take place on Tuesday, March 17 and seating capacity has been increased in University Union rooms 101 and 102 for the event.

The tickets are \$6.50 for a menu of corned beef and cabbage or fettuccine alfredo. There will be a cash bar serving green beer and door prizes are being donated by various departments.

Tickets can be obtained at the University Union or through department representatives.

To donate door prizes, contact Darlene Willis at ext. 4158.



All university personnel are now eligible to join these happy CSUH University Club members, Betty Harris, Office of Financial Aid, left, and Margaret Needels, teacher education. A membership committee is currently developing a new dues structure. A special winter quarter event will be held Thursday, March 5 for all members of the university community and their guests. A potluck light dinner will take place at 6:30 p.m. followed by attendance at the CSUH Orchestra Concert at 8 p.m. in MB 1055. The cost is \$10 and is due by February 26 to Kathleen Kashima, Counseling and Career Development. RSVP with your potluck dish to Sandra McGill, School of Education, ext. 3963.

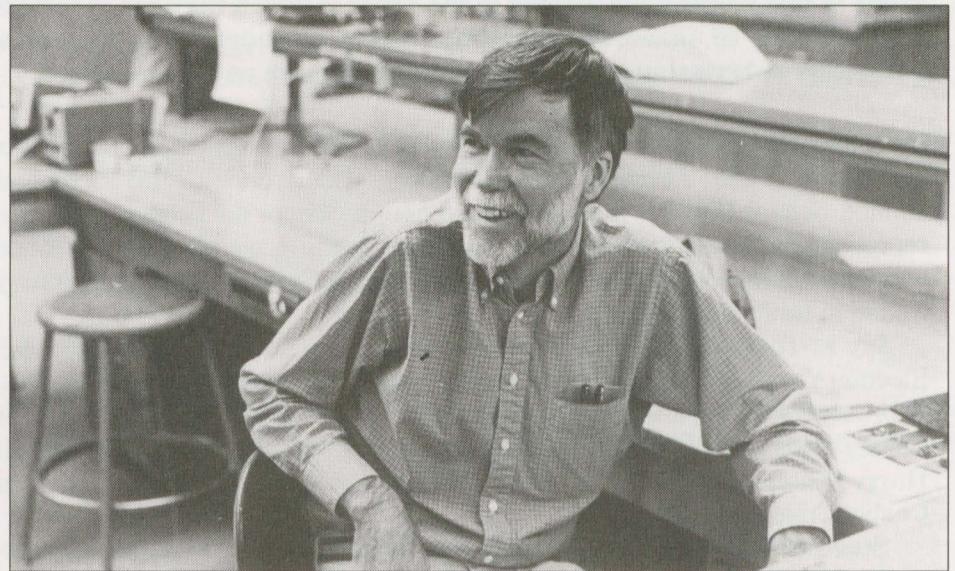
Save these dates

February:

March 2: Friends of the Arts benefit performance of Camelot. Buffet, 6 p.m.; performance, 8 p.m. \$20. University Theatre

March 6: Winter Quarter University Club Special Event. Potluck dinner, 6:30pm; concert, 8pm.

March 6: Michaelangelo set to explode; see boxed story on page 2.



Daryl Preston has restructured the upper-division experimental physics lab over the past ten years to provide more hands-on training for majors.

Cal State Hayward recognized as model for teaching experimental physics by National Science Foundation

Twenty-two physics teachers from colleges and universities throughout the United States were at Cal State Hayward, February 15 and 16 to attend an Upper-Division Laboratory Workshop. The workshop was directed by Daryl Preston and R. H. Good of the physics department. This workshop was one of three sponsored by the National Science Foundation (NSF). The other two were held at MIT in Boston and Lawrence University in Appleton Wisconsin. The upper-division labs at these three schools are recognized as possible models for emulating.

The purpose of the workshops, according to Preston, is for the participants to perform experiments in order that they may duplicate some of them at their home institutions. "There is a great disparity in what people call upper division physics lab," according to Preston. The lab is particularly important in the education of a physicist because it is the course where the students learn experimental skills: how to work with the equipment, how to record and analyze data and how to come to conclusions about the data. "It's where you learn to be an experimental physicist," says Preston, who has taught the course at CSUH for a decade.

Important text

Preston and Cal State Hayward were chosen to host the workshop because of Preston's text *The Art of Experimental Physics*, which was published in 1991. It is the first upper division experimental physics text published in this country in twenty-two years. To develop his broad based text, Preston, who has spent the last four summers at the Los Alamos National Laboratory working on the free electron laser, sought the advice and opinions of physicists in other universities and colleges as well as talking with people in industry and the national laboratories.

The labor involved in Preston's effort is exemplified by a comment made to him by a colleague at UC Berkeley

with over forty years of experience. "I would never do that project," the friend told Preston. "It involves too much physics." What he meant was that to write such a text meant covering all of the major areas of physics rather than one's particular specialty. Preston's text describes how to do experiments

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in many of the disciplines major areas, in addition, it lists the instrumentation necessary for the experiments, and lays out the theories behind each experiment.

Using his text to conduct the workshops, Preston had each participant select four experiments they wanted to perform. Fifty-two instructors applied for the workshop, which Preston sees as a sign that there is a broad need for this kind of offering. The attendees represent a spectrum of schools and physics departments. Some, says Preston, are in the early stages of their careers and need "a lot of help," while others come from well-established labs and "have a lot to share." Most, however, come from non-Ph.D. granting schools. Campuses represented included several from the CSU, Carnegie Mellon, Baylor, Jackson State (Mississippi), Middlebury College (Vermont), the University of Montana, and the University of Wisconsin, Oshkosh. The workshop is a pilot program that

Continued on page 2

Items in this section are printed in the order in which they are received in the Office of University Relations and Development. We receive numerous submissions each week and print them as space allows.

David R. Stronck (Teacher Education) gave two workshops on complex instruction at the "Learning is for Everyone" Conference of the Richmond Unified School District, held at Kennedy High School on February 10. He represented Cal State Hayward at meetings of the project California Scope Sequence, and Coordination of Secondary-School Science in Ontario on January 24 and in Irvine on February 1.

Jay L. Tontz (SBE) spoke February 6 to the San Lorenzo Rotary on "1992: Election Year Impact on the Economy"; to the IDS Financial Services Planners, February 3 on "Preparing Investors for 1992"; and on February 5 to two senior classes at Bishop O'Dowd on "Preparing for Careers in a Global Economy." With **Harry Waters Jr.**, he participated in the "Career Interview" program held at Chabot College on January 30.

Steve F. Sapontzis (Philosophy) has published "Animal Rights and Biomedical Research" in the January, 1992, issue of *The Journal of Value Inquiry*.

Bruce E. MacNab (Marketing) was an invited keynote speaker at the International Marketing and Business Seminar in Guangzhou (Canton), Guangdong Province, China held at the Dongfang Hotel on December 20, 1991. His topic was "International Marketing and Business - Concepts and Strategies." He was also co-director of CSUH's Asian International Marketing Program in China and India.

Shyam J. Kamath (Economics) was an invited speaker at the Hong Kong Center for Economic Research Seminar held at the Hong Kong Hilton on December 16, 1991. His topic was "The Failure of Foreign Aid - Some Lessons for the Soviet Union." He was also an invited keynote speaker at the International Marketing and Business Seminar in Guangzhou (Canton), Guangdong Province, China, held at the Dongfang Hotel on December 20. His topic was "What the Customer Wants - An Analysis of the U.S. Consumer and the Impact of International Trade." He also served as co-director of CSUH's Asian International Marketing Program in India and China.

Shelia Cowen (Testing & Evaluation) presented a paper on the Validity of the Scholastic Aptitude Test at the California Educational Research Association meeting in San Diego on November 25, 1991.

David Sprung (Music) has been appointed principal horn of the newly formed San Francisco Chamber Symphony. He continues as principal horn of the San Francisco Ballet Orchestra and co-principal horn of the San Francisco Opera Orchestra. He can be heard in recent recording on the sound track for the upcoming television series "Young Indiana Jones."

Phillip E. Duren (Teacher Education) recently published two books entitled, *Addison-Wesley Algebra: Investigative Activities for the TI-81 Calculator* (1992) and *Addison-Wesley Algebra and Trigonometry: Investigative Activities for the TI-81 Calculator* (1992). He also has written two chapters on using spreadsheets and graphics utilities in secondary mathematics in *Computers in the Curriculum* (1992), the first CSU published text.

Steve F. Sapontzis (Philosophy) has published "Ought" Does Imply "Can" in the fall, 1991, issue of *The Southern Journal of Philosophy* and "The Promise of Genetically Engineering Farm Animals" in the December, 1991, issue of *The Journal of Agricultural and Environmental Ethics*. His book, *Morals, Reason, and Animals* is being reissued in a paperback edition by Temple University Press this spring.

Basil J. Sherlock (Sociology & Social Services) and graduate students Eron Brennan, Khaled Kalifa and Sven Eberlein have produced a video documentary "The Rhine-Ruhr Megalopolis: A Study of Urban Growth and Change." Copies will be available for classroom use from the IMC. This summer he will continue researching the development of urban regions in Europe.

Eileen Barrett and **Mary Cullinan** (English) have had their anthology, *American Women Writers: Diverse Voices in Prose Since 1845* published by St. Martin's Press.

Doris Duncan (Accounting and Computer Information Systems) had her article, "Qualifications of Information Technology College Faculties: The Role of Formal Education and Professional Certification," published in Volume 20, No. 2, 1991-92 of the *Journal of Educational Technology Systems*, a refereed journal. She is included in *Who's Who in the West*, published by Marquis Who's Who, Inc.

Mary E. Brennan (Counseling and Career Development Center) has recently achieved status through the National Board of Certified Counselors as a National Certified Counselor.

Mariko Abe (Music) and alumna **Sandra Noreiga Mabee** performed with the Women's Philharmonic at the John F. Kennedy Center for the Performing Arts in Washington, D.C., on January 12. The Philharmonic was the featured group at the 25th Anniversary Celebration of the National Organization of Women.

Susan Witt (Music), Opera Workshop director and the Opera Outreach Singers performed for the Retired Music Teachers' Association in San Leandro on February 4 to a standing ovation.

Mythic look at Camelot opens February 28; benefit on March 6

Director Edgardo de la Cruz is taking a page from Joseph Campbell in his interpretation of the popular musical *Camelot*, which opens in University Theatre on February 28.

"This story is about the Hero's search for spiritual transcendence," he says. "Merlin is the tutor, the one that prepares the Hero for the next stage of life. Guenevere is the female



Pamela Vierk plays Guenevere to Robert Dewham's Lancelot in a serious yet witty look at King Arthur and the Knights of the Round Table.

principle of Good, and Lancelot the male....Once the pupil is instructed, Merlin disappears. The Hero then starts on his Quest. Along the way, Mordred, the Evil polar opposite of the Good...confronts the human spirit and the Good. When Arthur finally lets go of his attachments to both Good and Evil—when he accepts the inevitable existence of both poles—he achieves spiritual transcendence."

In addition to performances February 28-29, and March 5, 7, and 8, a Friends of the Arts performance will take place March 6. It begins with a buffet at 6 p.m. Tickets are \$20.

The box office is open the weeks of performance Monday through Friday, noon-1 p.m. and 4-6 p.m. The telephone number is 881-3261. Tickets are \$5/general; \$4/students and seniors; and \$3/CSUH students.

Two CSUH women vie for Goldwater Scholarship

Elizabeth Anderson of Oakland, a mathematics major, and Lisa Tritto of Castro Valley, a biochemistry major, are the 1991-92 CSUH nominees for the Barry M. Goldwater Scholarship and Excellence in Education Program. Congress authorized this program in 1986 to establish a foundation to award merit-based scholarships in mathematics and the natural sciences. Finalists are nominated by their colleges or universities.

Glad you asked

Institutional Research and Analysis recently send out a list of answers to questions frequently asked by off-campus callers. Some of the CSUH data that might be helpful follows.

Q: How many students are there at Cal State Hayward?

A: In fall 1991, 13,110. Female-61%; male-39%; undergraduate-75%; graduate-25%; full time-59%; part time-41%; minority-45%; non-minority-55%.

Q: How many employees are there at Cal State Hayward?

A: As of fall 1991, 1,401. 578 faculty (440 tenure track, 138 lecturers) and 823 staff.

View

The View from California State University, Hayward is published every other Monday except during academic recesses. Deadline for submission of material is Monday, 5 p.m., two weeks prior to the publication date. Please address all copy to The View, 908 Warren Hall, CSUH, Hayward, CA. 94542. All copy over 50 words must be submitted on a disk or through e-mail to ~view; please do not use all caps or underlining. Copy may be edited for style, length and appropriateness. The View is a publication of the Office of University Relations & Development.

Managing Editor: Linda Schneider

Photography: Chris Chenard

Publication dates—deadlines

March 9—February 24

March 30—March 16

April 13—March 30

April 27—April 13

May 11—April 27

May 25—May 11

June 8—May 25

Printed on recycled paper.

Physics, continued from page 1

Preston hopes will become a regular event.

The workshop, as well as *The Art of Experimental Physics* grew out of Preston's belief that theoretical physics is overemphasized in college programs to the detriment of experimental physics. He believes that this leads to physics graduates with skills that are too limited. He has been working for ten years to enhance CSUH's training in the experimental area. When he first started teaching the upper division experimental physics lab, it met once a week for two hours and forty minutes and had no lecture. The class now meets twice each week for two hours and forty minutes in addition to two hours a week of lecture.

Preston's text has been an integral part of the development of the course on this campus. "I realized that if I really wanted to bring about change, I had to write a book," he says. To prepare his text, he designed experiments, built some of the equipment, tested the experiments on his own as well as with his students in class, and wrote the procedures. Having adequate equipment has been something of an obstacle. Preston responded not only by building his own along with Blanca Ruiz, the equipment technician in the physics department and Tom Palmer, an equipment technicians in the School of Science, but by "scrounging." He has obtained used equipment from some of the better equipped schools "I got a lock-in amplifier from UC Berkeley and a spectrograph from UCLA. The lock-in amplifier is thirty years old, but it works."

Michaelangelo set to explode on hard drives

March 6

A very destructive computer virus named Michaelangelo is making the rounds of campus computers. The virus is programmed to erase all files on hard drives on March 6. Contact the Computer Information Center to detect and remove this virus. Call ext. 3596 or send an e-mail message to ~info. The virus affects only PC-compatible computers. A limited number of McAfee virus protection utilities are available from the Information Center at \$19.55.

PreView

February

24 Monday

- Black History Month. "African Americans in Sports Administration," featuring Al Attles, Golden State Warriors; Benjamin Montgomery, National Football League; Sharon Jones, Oakland A's; and Miki Turner, Oakland Tribune. Noon. UU 311.
- Women's tennis. UC Davis. 1:30pm.

25 Tuesday

- Staff Assembly. 1:30-3:30pm. WA 800.
- Baseball. Canadian Nationals. 2pm.
- Women's tennis. U. of Santa Clara. 2pm.

26 Wednesday

- Chemistry Seminar. "The Development of New Methods of Synthesis Using Transition Metals," John Nuss, UC Riverside. Noon. SC N320. Refreshments 11:55am-12:05pm.
- Black History Month. Film: "Striving for Excellence," with Benjamin Carmichael, chair, criminal justice administration, CSUH; Charla Rolland, district superintendent, Las Lomitas School District; and Robert Smith, professor, political science, San Francisco State. Noon. UU 311.
- Cummings Geology Club. "General Imaging Spectrometry Interpretation Systems (Hyper Spectral Data Interpretation)," Wally Jansen, Genisis. Noon. NSci 347.
- Black History Month. "Voice of the Past Speak to the Present," reception for featured artist Lionel Wms. Seals, CSUH alumnus. 1pm. UU 315. Exhibit runs through February.
- Men's tennis. UC Santa Cruz. 1:45pm.
- Economics Seminar. "The Transitional Period in Post-Soviet Private Enterprise," Sergei Tsyganov, Smith Center Fellow. 2:40-4:30pm. Biella Rm.

27 Thursday

- Biology Seminar Series. "The Immune Response in Allograft Rejection," Dr. Olivia Martinez, UCSF. Noon. NSci 321.
- Black History Month. Gil Scott-Heron, jazz pianist, and Craig Frazier of "In Living Color." 7pm. UU Square. \$3/students, \$5/general public.

28 Friday

- Invitational Chamber Choir Festival for high school groups. MB 1055. Free.
- Softball. Humboldt State. 1pm.
- Women's tennis. Menlo College. 2pm.
- Baseball. Chico State. 2pm.
- Physics Seminar Series. "Non-Linear Polarization Optics of Solids," Mark Dykman, SF State, NASA AMES. 3:15pm. NSci 220.

29 Saturday

- Self-Protection for Women. Free workshop taught by Penni Savage (Disabled Student Services) and Mario Lavagnino (Public Safety). Call ext. 3868 for information or to get on waiting list.
- Men's and Women's Track and Field. Humboldt State. Women's: 10am; men's: 11am.
- Softball. Sonoma State. 1pm.
- Chinese New Year Celebration "Year of the Monkey." Ching Ching Chorus, traditional fashion show and Chinese ribbon dance. 3pm. University Theatre Free. 881-3901. Sponsored by Associated Students, Chinese Student Union and Asian American Fellowship.

28 Friday 29 and March 5, 7, 8

- Camelot. February 28, 29 and March 7 at 8pm.; March 5 at 6 pm; March 8 at 2pm. University Theatre. \$7/general admission; \$5/students & seniors; \$4/CSUH students. 881-4299.

March

1 Sunday

- Faculty Recital with Allen Shearer, baritone and Barbara Shearer, pianist. Schubert's "Die Winterreise." 3pm. MB 1055. Free.

3 Tuesday

- Workshop on Sexual Harassment. \$10. 6:30-8:20pm. University Union, Room 311. Sponsored by CSUH, MPA Alumni Association. RSVP 881-3282 by February 28.

4 Wednesday

- Turning Point Lecture Series. "Chicanas and Feminism," Alma M. Garcia, director of women's studies and professor of sociology and Chicano studies, University of Santa Clara. Sponsored by Ethnic Studies. Noon. Biella Room.
- Cummings Geology Club. "Seismo-Tectonics of the Region between the San Andreas Fault and the Hayward Faults," John Wakabayashi, Earth Sciences Associates. 1pm. NSci 347.
- "Telling It Like It Isn't: The Uses of Government Propaganda," Thomas DiLorenzo, professor of economics, University of Tennessee, Chattanooga. 2:45. Biella Room. Sponsored by the Smith Center for Private Enterprise Studies, and the Department of Economics, CSUH.
- Public Astronomy Viewing: observing the moon, Jupiter and other objects. 8-9pm. Roof of South Science. Viewing cancelled if cloudy. Sponsored by Department of Physics.

5 Thursday

- Biology Seminar Series. "Protecting precious Pandas," Richard Kimball, CSUH. Center. Noon. NSci 321.
- University Orchestra. Program includes von Weber's "Clarinet Concert No. 1 in F minor," Beethoven's "Egmont Overture," and Kennan's "Night Soliloquy." 8pm. MB 1055. \$5/\$4/\$2.

6 Friday

- Men's tennis. U of San Francisco. 1:30pm.
- Physics Seminar Series. "More Heat than Light," Helen Gourley, System Sciences Group. 3:15pm. NSci 220.
- Friends of the Arts benefit performance of Camelot. Buffet—6pm, performance—8pm. \$20/

buffet and performance. University Theatre. 881-4299.

7 Saturday

- Baseball. Stanislaus State. 12pm.
- A Celebration of Indian Culture. Concert by G.S. Sachdev, flute, and Swapan Chaudhuri, tabla. 8pm. MB 1055. \$10. 881-3919.
- CSUH Choral Concert. Premieres by Jerome Neff and Frank La Rocca 8 pm. First Presbyterian Church, Hayward. Works include Bruckner's "Requiem in D Minor." \$5/\$4/\$2.

8 Sunday

- Women's tennis. Cal Poly/SLO. 10am.
- Baseball. Yale University. 1pm.

9 Monday

- Men's tennis. Swarthmore College. 1:30pm.
- "The Morality of the Market," Father Robert Sirico, president, The Acton Institute. 2:45. Acton Research Institute, SF. Sponsored by the Smith Center for Private Enterprise Studies, the Department of Economics, CSUH and the Pacific Research Institute, San Francisco.

10 Tuesday

- Percussion Ensemble. Works by Frank, Greenberg. Noon. UT. Free.
- Women's tennis. Sonoma State. 2pm.
- Baseball. Menlo College. 2:30pm.

11 Wednesday

- University Symphonic Band. Works by Snoeck, Milhaud, Sartor, Nelson and Chance. 8pm. UT.

12 Thursday

- Biology Seminar Series. "NK Cell and Tumor Cell Interaction," Dr. Mamdooh Ghoneum, Drew University of Medicine and Science. Noon. NSci 321.

12 Thursday 13-15

- Buried Voices/Spoken Words: A Reader's Theatre, a collection of readings of writings by women and ethnic minorities. March 12 at 6pm; March 13-14 at 8pm; March 15 at 2pm. Studio Theatre. \$5/general; \$4/students and seniors; \$3/CSUH students.

13 Friday

- Softball. UC Davis. 1:30pm.
- Men's tennis. UC Davis. 1:30pm.
- Physics Seminar Series. "Surface Modification of Semiconductors," Frances Houle, IBM. 3:15pm. NSci 220.

13 Friday 14

- 7th Annual Jazz Festival. March 13 concert at 8pm (UT). March 14, clinics, performances.

14 Saturday

- Softball. Chico State. Noon.
- Baseball. San Francisco State. Noon.

21 Saturday

- Women's and men's tennis. Central Washington U. 1pm.

22 Sunday

- Women's tennis. Portland State. 10am.
- Baseball. West Oregon College. Noon.

23 Monday

- Baseball. Lewis and Clark. 2:30pm.

24 Tuesday

- Men's tennis. Seattle U. 10am.

25 Wednesday

- Women's tennis. Air Force Academy. 10am.
- Baseball. East Oregon College. 1pm.

25 Wednesday through 29

- Second Conference on Earthquake Hazards in the Eastern San Francisco Bay Area. University Theatre. Aimed at earth scientists, engineers, planners and government officials. Public forum March 26, 6:30-10pm. 881-3486.

27 Friday

- Asian Pacific American Youth Leadership Conference for high school students from Bay Area schools. 881-3982.

28 Saturday

- Baseball. Sonoma State. Noon.

30 Monday

- Women's tennis. Lewis & Clark. 2pm.

31 Tuesday

- Baseball. U. of San Francisco. 2pm.

ALUMNUS/ALUMNA OF THE YEAR

NOMINATION FORMS FOR 1992 DUE MARCH 28

The Cal State Hayward Alumni Association is seeking nominations for its eighth annual Alumnus of the Year Award. The award honors a graduate, who through professional and community involvement, improves the quality of life in his/her community. Nominees must have graduated by June 1987.

Areas of interest to the nominations committee are the nominee's professional, civic, and academic achievements since graduation. The committee also welcomes a written statement of how the nominee exemplifies the ideals of Cal State Hayward and its mission.

I would like to nominate _____ as Alumnus of the Year.

Address _____ Phone Number(s) _____

Class Year _____ Major/Degree _____

1. What are the nominee's civic, professional, or academic achievements since leaving CSUH?

2. How does this person exemplify the standards and ideals of the University?

3. What contributions has the nominee made to the University since leaving? (Examples include membership in the Alumni Association and/or service on special committees.) It is not required that the nominee be a member of any group.

4. What contribution(s) did the nominee make to the University while a student? It is not required that the nominee participated in student activities.

5. What other criteria should be considered?

Please provide name, address and phone number for any other person(s) who could provide additional information.

Nominator _____ Address _____ Phone number(s) _____

For additional information, call (510) 881-3724. Nominations must be received by March 28, 1992. Send to: Alumnus of the Year Search Committee, 908 Warren Hall, California State University, Hayward, Hayward, CA 94542-3004 or fax to (510) 881-3808.

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