

# TRAVELS NOW AND THEN

© Christopher Earls Brennan

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## HAWAII 1988

### Frosh recruiting trip to Hawaii, 1988

#### **Sunday, Mar.13, 1988**

Flew UA197 from LAX to Honolulu, Hawaii

#### **Monday, Mar.14, 1988**

Flew Hawaiian Air 47 from Honolulu to Lihue, Kawaii

#### **Tuesday, Mar.15, 1988**

Flew Hawaiian Air 102 from Lihue, Kawaii, to Honolulu

#### **Wednesday, Mar.16, 1988**

Flew Hawaiian Air 132 from from Honolulu to Hilo, Hawaii



*?? Waterfall on Big Island, Hawaii*



*Volcanoes National Park, Big Island, Hawaii*





*Volcanoes National Park, Big Island, Hawaii*

**Thursday, Mar.17, 1988**

Flew Hawaiian Air from Hilo, Hawaii, to Honolulu



*Waimanalo Beach, Oahu, Hawaii*



*Waikiki Beach, Oahu, Hawaii*

**Friday, Mar.18, 1988**

Flew UA812 from Honolulu, Hawaii, to LAX

[Back to table of contents](#)

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*CACTECH ALUMNI ASSOCIATION*  
*Honorary Alumni*

<i>Calvin A. Ames '90</i>	<i>Robert Huttenback '76</i>
<i>R. Stanton Avery '77</i>	<i>Phyllis A. Jelinek '82</i>
<i>Robert F. Bacher '70</i>	<i>James K. Knowles '91</i>
<i>Amytis R. Barrett '91</i>	<i>Bert Ca Brucherie* '73</i>
<i>James B. Black '72</i>	<i>William N. Lacey* '65</i>
<i>Henri F. Bohnenblust '74</i>	<i>Hans Liepmann '81</i>
<i>Stan Borodinsky '94</i>	<i>George MacMinn* '47</i>
<i>Christopher E. Brennen '88</i>	<i>Carolyn A. Merkel '91</i>
<i>Harold Brown '71</i>	<i>Robert A. Millikan* '47</i>
<i>Sunney I. Chan '85</i>	<i>James J. Morgan '84</i>
<i>Robert F. Christy '78</i>	<i>David W. Morrisroe '84</i>
<i>W. Howard Clapp* '43</i>	<i>Edwin S. Munger '80</i>
<i>J. Kent Clark '82</i>	<i>Bruce C. Murray '79</i>
<i>Robert C. Daugherty* '73</i>	<i>Harold Z. Musselman* '65</i>
<i>Janet M. Davis '89</i>	<i>Jeanne M. Noda '92</i>
<i>Arrola DuBridge '92</i>	<i>Tutomu Ohshima '88</i>
<i>Cee A. DuBridge* '47</i>	<i>Robert W. Oliver '87</i>
<i>Thomas E. Everhart '88</i>	<i>Robert C. O'Rourke '91</i>
<i>Olaf M. Frodsham '70</i>	<i>Ray D. Owen '83</i>
<i>Horace N. Gilbert* '74</i>	<i>Rodman Paul* '81</i>
<i>Marvin C. Goldberger '79</i>	<i>Edward Preisler '81</i>
<i>Judith R. Goodstein '94</i>	<i>John D. Roberts '89</i>
<i>Harry B. Gray '79</i>	<i>William P. Schaefer '95</i>
<i>Robert D. Gray* '78</i>	<i>Charles M. Schweiso* '32</i>
<i>Jesse C. Greenstein '80</i>	<i>Geraldine A. Silver '93</i>
<i>Herbert C. Hahn* '75</i>	<i>Fredrick H. Shair '86</i>
<i>Floyd C. Hanes* '66</i>	<i>David R. Smith* '86</i>
<i>Wesley C. Hershey* '67</i>	<i>Jack Smith '95</i>
<i>Nan Hopkins* '89</i>	<i>Royal W. Sorensen* '48</i>
<i>Theodore P. Hurwitz '89</i>	<i>J. E. Wallace Sterling* '49</i>
<i>Edward Hutchings, Jr. '69</i>	<i>David Wales '90</i>

*\*Deceased*

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Dear Chris,

Sunday (22)

I'm really sorry we never had the opportunity for a proper goodbye. I had to run down to Long Beach to be sworn in as an Ensign, so I had to leave the post-graduation luncheon in a hurry. I didn't see you and I had to run, so I did.

I'm going to miss your dry wit, your wonderfully preserved accent, your caring attitude, your oh-so-needed wise advice, and your whoppingly huge expense account! You've really helped me with a lot of things. Remember that first time? You came in to Thomas, saw that note of mine on your door, and probably thought something like "Oh, boy. Fleming is already too much for the new house president to handle." In a lot of ways, it was too much



to handle, but in a lot of ways you helped me collect ~~the~~ the confidence, attitude, and abilities to bring me up to the task. Thanks. Remember back when Dick and I were about to kill each other? You diffused that very well - and amazingly enough you did it without taking sides. It must have been tremendously difficult to sympathize with Dick (I know I couldn't). Don't tell ~~him~~ Gary I know this, but I ~~once~~ once heard (through the grapevine) that Gary called Dick "such an asshole" over some Fresh Camp details. Not to his face of course, but a pretty humorous thought nonetheless.

Bernie told me about Jan's resignation. I was quite surprised. I realized there was a little friction or whatever between her and Sue,



but I guess I didn't realize the magnitude of the problem. It's really a lousy situation. Who would've guessed that Carmela's ~~resignation~~ retirement would lead to this kind of development? Poor Sue must have a bit of the "oh, it's my fault" blues. I can't really imagine it's her fault (any more than Jan's). Just a really sad development. (more later)

Graduation went really well I thought. I enjoyed Arnie O.'s talk, although I heard a lot of my classmates grumbling. I got a wicked sunburn on my nose, but I'll forgive Arnie for that.

You were right - my parents and I enjoyed Yosemite immensely. I've never been to a more beautiful place. We didn't get a chance to explore beyond Yosemite Valley, but that was just packed with



breathtaking view after ~~B~~ breathtaking view. I have to go back sometime during the winter to see it laced with snow.

Right now I'm in St. Louis visiting Mitch before I fly on back to New York and my parents. We're having quite a good time. Party hearty and the like. Mitch is working for Monsanto here for the summer before he goes on to graduate school at the University of Chicago.

I start Officer indoctrination School on the seventh of July. After six weeks of that, it's on to the Nuclear Propulsion School in Orlando, Fla. for four years of making the world safe for democracy (with chalk as my weapons). I'm ~~very~~ very enthusiastic about it.

I'll return to campus a few



times I'm quite sure and if you're ever in Central Florida you have absolutely no excuse for not visiting me, OK?

Let me know how Rotation turns out under the amended rules, OK? I'm interested in whether ~~we~~ we've stepped forward or backward (or probably more likely - ~~not~~ merely sideways) <sup>Q</sup> in the evolution of Rotation.

~~Q~~

Chris, look after Bernie a ~~bit~~ bit. He's been really depressed for a ~~while~~ while now, and I think between this stuff with Jan and all his seniors (some of his best drinkin' buddies) leaving all at once, he's getting more depressed. I worry about him quite a lot. He's lonely and tired of the hassles from chemistry and the like.

I'm going to miss you, Chris. Thanks for so much.

Love, Frank



P.S.

Chris, I guess you realize this, but I want to make sure.

Jan really loves being in the Master's Office. Her resignation makes no sense to me. (I am admittedly pretty uniformed.) Has anyone just asked her, "What can we change so you'll stay?" Ideally Sue should do that, but ultimately it's your responsibility. If you can do anything to keep Jan there, do it. I think she deserves at least that much. I'd be pretty surprised if you couldn't make the difference. You've made the difference in so many bad situations before (I guess I'm referring to IHC, but this is similar - just a lot more important). Jan doesn't want to leave. Help her stay. Thanks, Chris. I realize this is all pretty nervey of me

to say, but I just had to make sure everything possible was being done. Jan's such a great person.

Dear Chris,

Oct 11 1988

Congratulations on becoming Dean. I think you made the right decision, the students need you. I hope Doreen isn't too unhappy. Unlike the MOSH, the Dean can go home at 5PM relatively certain that he won't be awoken at 2AM by some crisis. I suspect that that fact, combined with living in your own home far from campus will make all the difference. Good luck.

One other point on your tenure as Dean, I know you don't write letters, but I also know that there are times when you feel you can confide in me when there is no one else you can talk to. Please feel free, at any time and without any warning (and without apologies for not writing) to just pick up a pencil and paper and write to me about what's going on, or about what's bothering you. We know each other well enough, I think, to rely on each other even if we're not in regular communication.

Since I have not heard anything from Jim Morgan, I assume there must be a new MOSH by now. I hope it's a good choice. As you may know, I wrote a casual letter to Jim (in August I think) telling him I might be interested in returning. At the time, I made the assumption that the new MOSH would have been long since appointed. About a week after I wrote, I got a letter from a mutual friend telling me what was really going on. I was shocked at how things had gone so badly in the MOSH Office in our absence. Subsequently, I asked Betty to make a more serious inquiry to Jim on my behalf. She told me that she was unable



to find Jim, but she did have a chat with you.

I think that it is unfortunate that Caltech and I could not come to some agreement on this. I would make a very good MOSH, and that's something Caltech needs right now. I hope that whoever is being appointed can handle it. The fallout from Conrad might make this a difficult year. Also, the deaths of Evan Bak and Pete Lindstrom could have some profound effects on the rest of the students. I would advise you to be even more alert than normal to the students who are inclined to suicidal depression.

My situation here is interesting. Almost since my arrival, I have been getting deeper and deeper into a controversy about the University teaching representatives of the Police Dept. how to use molecular biology on forensic samples to generate "genetic fingerprints". As you might guess, I am opposed to the technology transfer until (or unless) adequate laws are passed to protect civil liberties. I have already testified to a committee in Parliament, and I'm making life generally difficult for another molecular biologist who is involved in the work. He is returning the favor by making my life difficult. It doesn't help that our personalities are quite opposite, ~~but~~ and that we are forced by circumstances to ~~share~~ work in close proximity and share all large items of equipment.

Other than this situation, life here is all that I asked for. They've given me a new lab and new equipment to do research. And my teaching is going remarkably well. The students have responded very positively (even enthusiastically)

to my lectures, and I enjoy lecturing. So, professionally things are very good, except for the bad politics. However, I also find that I miss the close personal contact with the students. Somehow, lecturing is only part of the contact I want. The problem is that in this administrative system, lecturing is the only role of the ~~academic~~ faculty. Even more than the political problems, that's why I wrote to Jim.

I'll say this for New Zealand though, it's a beautiful place. The scenery is great, the people friendly and the quality of life is good. Also, New Zealand doesn't seem to be committed to reactionary political philosophies like America. All in all it has been a good experience. But I have the feeling that I can't get from it all of the things I view as being essential. Most importantly, as my situation stands, I can't get the feeling that I am really helping people. I'm just teaching and doing research. And while those things are important to me, they are not enough. I guess you more than anybody, should understand that.

Best regards

Andy



# CALIFORNIA INSTITUTE OF TECHNOLOGY

VICE PRESIDENT FOR STUDENT AFFAIRS 104-31

9/8

Chris

*I'm very happy that  
you will be working directly  
with the Administration again.  
I just wanted you to know this.*

September 7, 1988

*Dave Morrisroe*

**To:** Distribution  
**From:** Jim Morgan  
**Subject:** Dean of Undergraduate Students

I am very pleased to announce that Christopher E. Brennen, Professor of Mechanical Engineering, has agreed to serve for a three-year term as Dean of Undergraduate Students, beginning at the start of this academic year, succeeding Dean Gary Lorden.

A Caltech faculty member since 1969, Chris served as the Master of Student Houses from 1983 to 1987. He is known among colleagues for his dedication to the welfare of Caltech students, as a research adviser, teacher and as Master. His research interests are in fluid mechanics, and include unsteady flows, two-phase flows and granular media flow.

Chris Brennen was educated at the University of Oxford, where he earned the B.A., M.A. and D.Phil. degrees. He first came to Caltech as a Research Fellow in 1969. He was appointed Associate Professor in 1976 and Professor in 1982.

As Dean, Chris will work with Associate Dean Jeanne Noda, who first came to Caltech in 1985. I look forward to Chris Brennen's return to the Student Affairs area as Dean.

JJM:jg

*Jim Morgan*

**RECEIVED**

9 1988

# CALIFORNIA INSTITUTE OF TECHNOLOGY

DIVISION OF ENGINEERING AND APPLIED SCIENCE 104-44

PAUL C. JENNINGS  
CHAIRMAN

September 13, 1988

To: Members of the Undergraduate Council

From: Paul C. Jennings *PCJ*

The recent news that Chris Brennen will become Dean of Students means that we will have to find someone else to take the chairmanship of the Council, made vacant by Professor Sabersky's retirement. Please give this matter some thought and send me any suggestions you might have.

PCJ/mm

cc: R. Sabersky



# CALIFORNIA INSTITUTE OF TECHNOLOGY

DIVISION OF ENGINEERING AND APPLIED SCIENCE 104-44

PAUL C. JENNINGS  
CHAIRMAN

September 15, 1988

To: Arden Albee  
George Gavalas

From: Paul C. Jennings *pcj*

Subject: Option Representative in Mechanical Engineering and  
Applied Mechanics

Chris Brennen's appointment to the position of Dean of Students means that he will not be able to continue the duties of option representative for Mechanical Engineering and Applied Mechanics. We are fortunate that Professor Ed Zukoski has agreed to assume this responsibility. Dr. Zukoski is well-acquainted with the procedures and duties involved and can take over the duties immediately. The faculty involved, including me, are particularly grateful to Ed for assuming this responsibility on such short notice.

PCJ/mm

cc: E. Zukoski  
B. Kamb  
ME/AM faculty

# Inter-City Express West Covina, CA

Date: 12-8-88



Staff photo / Cindy Darby

## *Design tug of war*

Chris Hurwitz, left, and Dee Morrison, students at Caltech in Pasadena, compete in the 4th annual design contest developed by teacher Erik Atonsson, center. Chris Brennen, right, was a judge. Mechanical engineering students

were given identical bags of junk parts with which to design a device capable of winning a tug-of-war. Competition winner was Steve Errea of San Ardo, while Philip Lee, a senior from Huntsville, Ala., was second.



# ALUMNI ASSOCIATION

CALIFORNIA INSTITUTE OF TECHNOLOGY  
PASADENA, CALIFORNIA 91125  
(818) 356-6592

May 20, 1988

Dr. Christopher E. Brennen  
Professor of Mechanical Engineering  
Caltech  
104-44

Dear Dr. Brennen:

The Alumni Association's Board of Directors is delighted that you have accepted our offer to become an honorary alumnus. We hope that you and Mrs. Brennen can join us at our annual dinner in the Athenaeum on Thursday, June 16, so that the presentation can be made at that time.

This dinner also marks the end of the Alumni Association year and is traditionally a festive occasion with Board members, past presidents of the Alumni Association and honorary alumni in attendance. We will convene for cocktails at 6:30 p.m. in the Main Lounge of the Athenaeum and adjourn to the Hall of Associates for dinner at 7:15 p.m. I have enclosed a reply card for your convenience.

We look forward to having the privilege and pleasure of awarding you honorary membership in the Alumni Association.

Sincerely,

*David Harper*

David J.D. Harper  
President, Alumni Association

DH/jg  
encl.



Dear Dr. Brennen,  
Your kindness  
meant much more  
than you will ever know.

I sincerely appreciate the recommendation  
you gave for a position I applied  
for and accepted. They told me it was  
very instrumental in their decision  
to make me an offer. I would have  
loved to return to Caltech, but Tim is  
still recuperating from a very severe  
regime of chemotherapy, and I need to  
still be closer to home. I hope this finds  
you and your family well. Again,  
thank you for your thoughtfulness and  
kindness.

Best regards

Jan Tinsley



12.6.88

Pictures - On the long run I  
will be co-director of the  
golf course which is a very  
interesting work.

I miss you and I hope  
that you, the Girls & Patrick  
will come to visit the South  
of France. I am between Marseille  
Aix en Provence and Toulon - At the  
doors of the French Riviera ...

This is an open door invitation.

Merry Christmas

Happy New Year -

Love -

Michèle

Dear Doreen and Ehnis,

May this card bring you all  
my Best wishes for Christmas  
and the coming new year -

I hope you are in good health  
and that Ehnis' new position  
is giving you as much  
satisfactions as before with less  
pressure.

Thank you so much for your  
wonderfull recommendation  
letter - It acted like a magic  
Pass word ... and I got a job  
since the 1st of December!

I am working on a golf course  
in the middle of Gerzanne's

# CALIFORNIA INSTITUTE OF TECHNOLOGY

Pasadena, California 91125

Thomas E. Everhart  
President

(818) 356-6301

September 14, 1988


Dr. Christopher Brennen  
355 South Holliston  
Pasadena, California 91106

Dear Professor Brennen:

It gives me great pleasure to notify you that at the meeting of the Board of Trustees on September 12, 1988, your appointment as "Dean of Students" was approved. This appointment is on a half-time basis for an initial period of three years, effective October 1, 1988. While you are Dean of Students, a salary increment of \$10,000 will be added to your base salary, therefore, your salary effective October 1, 1988, will be \$103,000 per annum. The Dean of Students reports to the Vice President for Student Affairs and has the support of his staff. If these terms are agreeable, I would like to ask you to acknowledge acceptance of this appointment by signing the enclosed copy of this letter and returning it as indicated.

I am happy that you are willing to assume these additional responsibilities and look forward to a very successful academic year.

Sincerely,

  
Thomas E. Everhart

Enclosure  
cc: J. J. Morgan

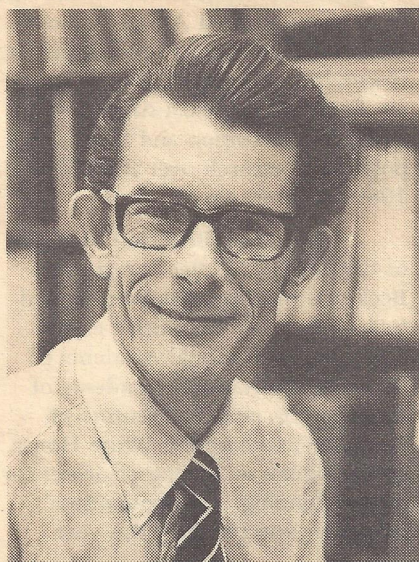


## Chris Brennen named dean of students

Chris Brennen, professor of mechanical engineering and Caltech's master of student houses from 1983 to 1987, has been named the Institute's new dean of students, for a three-year term. He succeeds Professor of Mathematics Gary Lorden, who is returning to full-time research and teaching after four years in the position. Jeanne Noda, who joined the dean's office in 1985, will continue as associate dean.

As dean, Brennen will advise and counsel undergraduate students on academic and extracurricular matters and will be concerned with the overall undergraduate program and curriculum.

A native of Ireland, Brennen received his B.A., M.A., and Ph.D.



degrees from Oxford and came to Caltech in 1969 as a research fellow. He was appointed professor in 1982.

Brennen has been publicly recognized for outstanding teaching by Caltech students, who, in 1982, presented him with the ASCIT (Associated Students of Caltech) Award for Teaching Excellence. His other professional honors include the NASA New Technology Award and the American Society of Mechanical Engineers Centennial Medallion.