Far East Is Subject Of AUFS Lecture

BY TIM HENDRICKSON

"Malaysia, the Bright Spot in Southeast Asia" was the topic of Dr. A. Hanna's first AUFS lecture last Tuesday, January 8. Hanna is making his fourth visit to Caltech as an active member of the board of the American Universities Field Staff — and will return on campus from January 10 to January 15.

The initial point of Hanna's Tuesday lecture was that the nations of Southeast Asia, being the extreme case, have existed in a revolutionary phase, each with the basic problem of establishing its national identity.

In its context, according to Hanna, it was with some apprehension that on September 16, 1963, the Federation of Malaya, Singapore, Sarawak, and North Borneo were united to form the new state of Malaysia. President Sukarno of neighboring Indonesia had declared that his nation, ten times as large as Malaysia and equipped with one billion dollars' worth of Soviet arms and aircraft, would be the nucleus of a Southeast Asian state. The situation seemed clear to be "Malaysia or Sukarni," as Hanna aptly stated.

Sukarno, however, failed to launch upon his scheme, and thus the new state of Malaysia got off to a slow start. Malaysia Remarkable

Even more remarkable, moreover, was Malaysia's first major point, was that this new state, consisting of the amalgam of an ancient Shan, Cambodian, and Indian, and Malayan, nation, was a political upstart. Suddenly a newly formed nation was extremely strong, Malaysia's army and old colonial order were unified by a democratic government on the British model with a king, cabinet, parliament, and prime minister.

Thirdly, the new nation was economically self-sustaining. With tin and rubber — "Malaya is one big rubber plantation," stated Hanna — as primary products, Malaysia has been able to finance the development and investment.

Tengku Competent

The chief of state's most important reason for the stability was the able leadership of Prime Minister Tengku. Referred to by Hanna as "the contrasted figurehead" (for Tengku nullified the political power of the Malay princes in Malaysia by incorporation of the various factors.

(Continued on page 5)

1964 Annual is On Schedule

BY MANN SUSUKAWA

"The most noteworthy aspect of this year's Big Y will be change," Bob Levin told this reporter during a rare interview in the Big Y office. To illustrate his point, he produced the cover for this year's issue, light blue with palm trees against a background of the mountains, which was indeed a pleasant change from previous years.

"What's more," chimed Levin, "we're still on schedule, or at least, we will be if we make this next decision correctly. The Federation faced such nearly insurmountable logistical complications as "a potentially explosive racial, religious, and political scene of unprecedented proportions in Southeast Asia." This was followed by an extremely significant constituent of the nation, the Chinese and Indian, and Malayan, as well, the political situation of the Indian subcontinent, and two British ex-colonies.

Still, the new state was able to run even better to the new order of confusion and disorder and disturb instead internal politics conducive to stability, peace, and development.

Racism Minimized

Hanna attributed this stabilized progress to several beneficial factors. Firstly, the explosive potential of the Federation was moderated by the heritage of the old Federation of Malaya, independent in 1867 and having no racial feud. Malaysia experienced only one small racial riot in its five years of independence.

Secondly, the Malayan and old colonial order were unified by a democratic government on the British model with a king, cabinet, parliament, and prime minister.

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(Continued on page 5)

Summary of Hindu Beliefs

Swami Vandanananda, in an interview with the Student Press, explained that Hinduism is one of the major religions of the world, and that the Vedas are the oldest scriptures, with Vedanta being the most important of them all. In this discussion, Swami Vandanananda explained some of the major tenets of Hinduism, including the nature of God, the concept of karma, and the importance of ethical living.

God in Hinduism

God is central to Hinduism, and is seen as a personal, all-powerful, and all-knowing being.

Karma

The concept of karma is central to Hinduism, and is seen as the law of cause and effect. According to Swami Vandanananda, the effects of one's actions in this life are determined by one's past actions.

Vedas

The Vedas are the oldest scriptures in Hinduism, and are considered the word of God. They are divided into four main sections, each with a different focus. The Rigveda focuses on sacrifice and worship, the Yajurveda focuses on offerings and the duties of the Brahmin, the Samaveda focuses on the celestial songs of the gods, and the Atharvaveda focuses on magical formulas and spells.

Ethical Living

Swami Vandanananda emphasized the importance of ethical living in Hinduism. He explained that one's actions in this life are determined by one's past actions, and that one's future actions are determined by one's present actions.

Swami Vandanananda

Swami Vandanananda is a Hindu spiritual leader and teacher. He has been teaching Hinduism for many years, and is known for his clear and concise explanations of the教义 of Hinduism.
THIS AND THAT
William Golding’s book "Lord of the Flies" is an astounding piece of work. His writing is on the level of "Run, Spot, Run!" from the point of view of literary composition, his efforts by symbolism range from obscure to gross, and the end product is as tendentious as a political tract. This is a fairly common style of writing nowadays — Ayn Rand and C. P. Snow are other obvious examples. In case where the idea tended toward is interesting, or the story line entertaining, such books are not necessarily to be condemned. On the contrary, Atlas Shrugged, that entertaining piece of childish facet, is second only to the Blue Book in its influence on certain circles. Lord of the Flies tends to appeal to fuzzy thinkers of the opposite persuasion, but similarly can be enjoyed by ordinary readers not inclined to take it seriously. Golding’s Sour

In case there are some persons fortunate enough not to have read the book, it begins with a group of British schoolboys marooned on a lonely island. Forced to feed for themselves, some sort of leadership is needed, and pretty soon a tug-of-war begins. The boys are a little bit nervous, and under the influence of Peer they revert to savagery. Oh, you see how serious it is. Remarkably enough, the current British movie the innocent is one of the best films I’ve seen in years.

Cinema Improvement
Perhaps I shouldn’t have been surprised. The yarn of the marooned schoolboys is a good one, and it is harder to believably moralize in a short movie than in a long book. Most of the efforts at symbolism have been gratefully left out. What has been put in is some very high cinematic craftsmanship. Jack’s choir (which on the island becomes his SS) marches to the strains of a song remembered from civilization; and this not only serves for irony, but provides an impressive musical setting.

The boy who plays Jack — I’ve forgotten his name after making an effort to remember it — had a perfect face for the part, in which high breeding, strength, and perversion are mixed in striking proportion. The whole thing is unusually tight from start to finish.

... * * * *

By now everybody knows that "Tom Jones" is an excellent film. It’s good old-fashioned raucous English fun. (Minerva tells me it follows the book pretty closely). Only someone who kicks babies could possibly dislike it.

Aside from that there’s not much to say, except that until you’ve seen Hugh Griffiths eat, you haven’t seen eating.

The Haunted Palace, supposedly taken from Edgar Allan Poe and starring Vincent Price (who else?), is a Class B thriller of more than ordinary merit, especially if you have a book-bored interest in the occult. Price is a warlock (that’s a male witch, you know) intent on restoring the old nether gods to power.

To accomplish this, the plan is to breed a new race of half-de­mons, half-men. Insane maidens are summoned in a trance.

(Continued on page 6)

By Steve Schwartz

CAKIFORNIA TECH

Bless Our House

Old is old, and new is new; I am me, and you is you.

But what’s in store for 64?

First we can guarantee peace in the picket of the NAACP, Harvard argies, sexy or not, and De Gaulle losing Erhard.

The Bircher will talk with persistence while Pulitzer pedigrees exist.

Congress will do nothing but sit, So thank the Lord we’ve got ASCITI, here to look to the new little look, and also the blue book.

Tuition will rise, but don’t bother to shout, for your grades will fall, so it all even out.

The Y will picket, the Sears and So and SAGA will hop on the Grovy Train. Whatever happened to the knobs on Booth?

They went away in a search for truth.

While Pauling peddles co-existence.

Old is old, and new is new;

The pickets of the NAACP,

For ’64?

Beckman’s hue will blight our sight,

Whatever happened to the knobs on Booth?

Beckman’s hue will blight our sight,

For ’64?

From the point of view of liter­

the old nether gods to power.

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serves for irony, but provides an impressive musical setting. The boy who plays Jack — I’ve forgotten his name after making an effort to remember it — had a perfect face for the part, in which high breeding, strength, and perversion are mixed in striking proportion. The whole thing is unusually tight from start to finish.

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(Continued on page 6)
Farther East (Continued from page 1)

...sions into his Alliance Party. Potentially explosive crises have been averted by his relaxed policy of non-discrimination and non-nationalization.

Hanna then went on to con- clude his lecture by discussing the most tenuous problem today in Southeast Asia — Singapore: "the most strategic and valuable real estate in Southeast Asia." Once an independent city-state, its population is now three-quar ters Chinese. "Already highly vulnerable, since it must depend on trade with Indonesia, there is an open question of where Singapore will look for direction: Peking, Taiwan, or Mah- laya?"

Much Experience

Hanna has been a member of the American Universities Field Staff for nine years. After spend- ing four years in China as a teacher, he earned his doctorate in English literature at the Uni- versity of Michigan. During World War II he served as a Lieutenant Commander in a cul- tural office in Okinawa; after the war he served with the United States Foreign Service, and served in India and Tokyo before joining the AITFS in 1964.

THE BELL TELEPHONE COMPANIES

SALUTE: ERNIE SELZER

Five assignments in less than two years would indicate Ernie Selzer (B.S., 1961) is a man on the move at Pacific Telephone. He is presently a young engineer working on the design of a worldwide data system for a large customer in the Los Angeles district.

Like so many engineers having both a technical and scientific background, Ernie has been involved in engineering toll switching equipment, data transmission, and the design of private switching systems. Ernie has made rapid strides to earn a reputation as a competent, versatile engineer. He has proved his abilities on every assignment and has gained the personal satisfaction and recognition that go with a job well done.

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ERNIE SELZER

BELL TELEPHONE COMPANIES

TELEPHONE MAN-OF-THE-MONTH
In a game marked by many fouls and many shots, Caltech beat an Air Force Space Systems Development Team on the basketball court by a score of 90-75. Joe Weis opened the game up quickly for Caltech as he scored two quick buckets to give Caltech an early 10 lead. From there, Caltech showed off their offensive skill and reach and lasted, neither team being able to gain a distinct lead over the other. Air Force foamed at 21:1 by a score of 40-25, Tech peppered their shots in and held the lead throughout the game as the score at half was 48-26 in favor of the Air Force.

**Play in the first half for Tech was hot and cold. One moment of brilliance was followed by several minutes of mediocre play and this turned at times to just poor play.**

As the second half started, Tech seemed to come alive. They stormed out to outnumber the Air Force 52-51 in the first five minutes of the second half. Tech lead began to dwindle and after amassing an eleven point lead of 61-50 at the 9:00 mark, the lead began to dwindle and ended at 90-75.

High scorer for Tech was Joe Weis as he swished 25 points through the cords and showed fine all-around performance and hustle. But on his heels with 23 points was Dick Burgess. Yet this didn’t tell the whole story as Big Dick also pulled down 25 rebounds. Next in scoring came Gary Dahlman with 15 points and Volker Vogt with 12. Offensively, this might have been the best game for Tech this season as it has been a long time since a Caltech basketball team scored 90 points.

Ricketts Leads In Discobolus

The Discobolus Trophy has now worked its way around the complete circuit of houses. With this round, no house has been able to gain a clear-cut lead as Ricketts leads four other houses by mere two points.

The trophy contests started out with Blacker gained against Ricketts in a softball game. In a well played game, Blacker carried a slim 2-1 lead into the seventh inning. Ricketts then exploded for four runs and went on to win the game 5-2.

**Soccer Tie**

Ricketts then carried the trophy to Dabney. The challenge was played off in soccer. Both teams played tight defensive games. Dabney had many scoring opportunities but couldn’t manage to score on any of them. Ricketts opportunities were few, but the break of the game came when Ricketts failed to score on a three on one breakaway. The game ended a scoreless tie and Ricketts retained possession of the trophy.

The next contest came after Thanksgiving.

**Prospects Bright For Winning Year**

As the coming league basketball season emerges this Friday, Caltech looms as the spoiler in the league and a dark horse. With three of last year’s starters returning, the team seems to have the experience necessary to play good, tight, ball games this season. In the few preseason games up till now, the team has shown that it doesn’t lack the scoring punch that seemed to be missing last season.

Returning letterman Joe Weis and Dick Burgess lead the front-court men. Weis is reputed to be the tallest 6’ 1” in the league as is shown by the fact that he can dunk the ball easily. His driving is bound to highlight the Tech offense. Burgess, a veteran of several seasons draws the duty of guarding the big men. He has shown in the past that he can do this. He is bound to lead the rebounders and battle with Weis for the scoring lead.

Letterman Gary Dahlman and Volker Vogt make a good back-court team. Although both are quite short, they are both extremely fast and quick on the famed Bailey play. Also bound to appear in the well balanced Tech team are Dennis McCrasy, Charlie Vinsonhaler, and Lynn Thompson. They will be joined by sophomores Ashbacher, Teder, Trucker, and Yudelson.

Touton, Johnson Set Records; Fleming Wins IH Swim Meet

As predicted, this was the biggest and best swimming meet over as of the six of the eight meet produced Interhouse records. The standards fell in every event but the 50-yard freestyle and the 50-yard butterfly races. Yet these proved to be the closest and most exciting of the day. Dick Touton of Dabney led the onslaught on the record book as he led all comers to the wire in 24.1 seconds, eclipsing his own record in the preliminaries. Touton’s record followed another record-breaking performance, this time by the Fleming relay team in the 200-yard Medley Relay. Four members of the Big Red splashed to a brilliant time of 210.5s. This bested the old Interhouse record set by Ricketts last year by 3.8s.

**Records Fall**

Johnson Sparks

As the swimmers stepped to the block for the third event of the day, Bruce Johnson was heavily favored to set a new record in the 100-yard Individual Medley. Bruce didn’t disappoint the many onlookers as he touched in at 1:06.9s., beating the old record by 3.1s. for the third consecutive record.

(Continued on page 5)

**He got the plates by chance**

But he came to Caltech’s Jet Propulsion Laboratory on purpose. How? When he was two months away from his moon and planets. He heard about the many facilities housed at JPL’s 150-acre Pasadena complex, and he found out about the talented people he’d work with in space exploration.

Now we don’t suggest that every Ph.D.-to-be will have an interview to come to JPL. But we do suggest that such an interview could be your opportunity of a lifetime.

**Jet Propulsion Laboratory**

*An equal opportunity employer.* Jet Propulsion Laboratory is operated for the National Aeronautics and Space Administration.

**ON CAMPUS INTERVIEWS:**

January 29, 1964

Contact University Placement Office for Appointment
Caltech's hopes for their sixth straight conference title this year seem bright indeed. Last team's year, hit by the loss of the real superstar, Walt Rolphing, the conference finals was barely edged out for the conference title. However, last year's promising frosh seems bright indeed. Last year's promising frosh in tallies, the real super frosh from Occidental, Walt Rolphing. Both McBean and Anderson will have to be on top of their game this year.

Susan Bell

Placing fourth in the conference this year in the 200-yard freestyle race is Dave Bell. Dave's smooth form has pushed him to better and better times each time he swims. Look for him to beat two minutes in the 200-yard freestyle race. Bell also goes in for the longer 500-yard freestyle race. Last year, he swam the distance in 5:52s, but look for him to cut this time by several seconds. Also in these long freestyle races will be Ted Jenkins whose time of 2:04.68 places him among the top ten in the conference along with Anderson at 2:05.5s. John Walter Ruddock leads a whole host of tech backstrokers in the 200-yard event. Bill Owens leads several members of the Varsity baseball team, Ruddock scoffed at this challenge. However, they laughed out of the other side of their mouth when Page took the game 197.

Discobolus Starts Second Round

Caltech's hopes for their sixth straight conference title this year seem bright indeed. Last team's year, hit by the loss of the real super frosh, Walt Rolphing, the conference finals was barely edged out for the conference title. However, last year's promising frosh appears to have the ability to push the team all of the way to the title this year.

Last year's team was led by George McBean. George will be back this year and improves this year as much as he did last year and this year's frosh sensation Carl Anderson. Carl won the 50-yard and 100-yard freestyle finals. His times were 23.5 and 51.8 respectively and accompanied this year by last year's fresh sensation Carl Anderson, Carl will have to beat George McBean and Anderson will have to be on top of their game this year.

M.S. and Ph.D. Graduates

TRW's Space Technology Laboratories presents its credentials to you

Each year at TRW's Space Technology Laboratories (STL), a limited number of new graduates at the Master's and Doctoral level are invited to join STL's staff of outstanding scientists and engineers. Graduates in the aeronautical, electrical and mechanical engineering, physics and mathematics disciplines are needed by STL to maintain and expand its capabilities in missile and spacecraft research, development and fabrication.


STL will assist you in your career planning by encouraging you to continue your development through the many educational opportunities offered by major colleges and universities in the Los Angeles area. You may participate in STL's Development Programs, as you assume greater responsibilities.

You are invited to discuss opportunities with members of our technical staff when you visit our campus on January 23-24

IH Football to Start Soon; Big Red in Favored Spot

By Bob Landis

This year's Interhouse football competition looms as a battle of the experienced teams. All teams seem to be in the process of rebuilding. It appears that the football dynasty of Ricketts has ended with the graduation of five last year's six-starters. Ricketts seems to need more rebuilding than most of the other houses and hence it leads the rebuilding process. Ricketts seems to have an adequate defensive line and a good offensive backfield, but lacks ends and a defensive backfield.

Feeling seems to be the team to beat as shown by their Discobolus victory. With Nady, Schoene, and Roger Card all returning, their power is evident. Lloyd also has many returnees and may well be the most experienced team on the field. Lloyd seems a good bet to finish high in the standings.

Ruddock will again be led by Murray Sherman this year, and with Ken Brown on the receiving end, this team may go.

Page will again be led by Jerry Thomas, Will Thomas and Tom Remey in their defensive backfield, this team may be tough to pass against. Blacker and Dabney round out the schedule. Both teams had poor records last year, but this year's teams don't resemble last year's squads very much. They may pull some upsets. All in all, don't look for any team to complete the season with an unblemished record. Five wins should easily take the trophy. If one team must be picked, it must be Fleming in the favorite spot, but look for a real scramble this year.
Annual On Time

(Continued from page 1)

in an unconditionally guaranteed to bring the wrath of enraged faculty members down upon the Big 7 editors. Among the unfortunate subjects of this section are Dr. Tum Apoosi, Harrison Brown, Alfred Stern, as well as the ignoble Chem 1P.

Changes will also be evidenced in the senior section edited by Norman Carnien. Gene are the beavers that traditionally represent present section and failed to submit pictures to the editors. In their places will be a collection of photographs taken from the files of the California Tech and guaranteed to be amusing.

And, although the seniors will still be arranged by their options, candid photos of seniors with unique and dastardly talents will be included in this year's issue. Once again, the artwork of Gorman, Greenfield will be conspicuous.

House

Since the Houses are the cen­ ter and the most important in­ fluence in the Tech student's life. The House section has been extended this year. It will in­ clude a group of photos taken this week and the write-ups which, because of the demands of the editors, will not be due until April 1. "However," continued Levin. "We expect the Houses to supplement our files in cover­ age of interhouse sports."

John Tureck, the Business Manager, has promised that even the advertisements will be original this year. He intends to ac­ complish this feat by using the talents of the cartoonists and by selling more ads. "All in all, we hope to have a yearbook," con­ cluded Levin. "With help, we can do it."

More Sex

(Continued from page 1)

develop as though it were fer­ tilled and to begin protein syn­ thesizing. There was no differ­ ence in the Tech student's life. The House section has been extended this year. It will in­ clude a group of photos taken this week and the write-ups which, because of the demands of the editors, will not be due until April 1. "However," continued Levin. "We expect the Houses to supplement our files in cover­ age of interhouse sports."

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Audience

(Continued from page 1)

from their beds in the dead of night and brought to the castle dungeons, where, still entranced, they are tied, arms out­stretched, to the cursed altar. Then the man­chette cover leading down to the demon chamber is slowly raised. Grunch, clank, creeeeek! What happens then? See for yourself. (If you ask me just why I find this more than usual­ ly interesting, I'll have to say "mind your own business."

This is also a terrific scene in which busy Mr. Price is con­ suming a 100-year-old woman back in the second chamber. She seems a side view of the coffin and Price hovering over it, talking "Genius potes, fas infernalis . . . vivax, vivata, VIVAT! . . ." and then the dumb thing bit up. Oh, you have to see it!

More Campuses

(Continued from page 3)

when tampons flared during halftimes, it was the sound of the Star Spangled Banner that finally quieted them down. As the Thresher reported: "The fight was given impetus when one of the senior Aggies attempted to appropriate the 'J' from the 'Best A & M' sign at the south end zone."

Nesting In The Rain

A recent complaint heard from the MIT campus is that "the only person who can safely walk through the dormitory halls is a fireman in full uniform." It seems that MIT can't take the steady barrows of water balloons that has become the current rage there. Don't they wish they were here?

Like the BOD?

A closing comment on student government was made by Joe Timmy of The Santa Clara, who wrote this touching poem on Santa Clara's Senate: See the ASUSC Senate. See the senators. They are full of horse manure. Horse manure, horse manure, horse manure. They open the meetings with a prayer.

They should quit while they're ahead.

WHERE ARE YOU GOING THIS VOCATION?

Young scientists and engineers “going places” investigate a variety of challenging engineering avenues, before selecting one best suited to their goals. And they look for a professional climate with lots of indi­ vidual recognition and advancement opportunity. If you are charting your career along this course, let Ling-Temco-Vought be your guide.

As one of the nation’s most versatile manufacturers, Ling-Temco-Vought is an equal opportunity employer. Ask your Placement Office for our brochure describing LTV projects and products, then schedule an appointment with our College Relations representative. Or write College Relations, Ling­ Temco-Vought, Inc., P. O. Box 5907, Dallas 22, Texas.

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