# The UCSD Guardian <br> University of California, San Diego/ Volume 46, Number 17/Monday, May 24, 1982 

## Controlled danger: a paradox in isotope lab work

By STEVEN CHAIKIN
Health and Safety techni cian Steven Bold talks easily as he cuts open the next box and lifts out the blue plastic and Intside a ventilation hood jar. Inside a ventilation hood Then he lifts out a small glass Then he lifts out a small glass bottle - the size of a drugstore
iodine bottle - and, behind a iodine bottle - and, behind a
small fortress of lead bricks, small fortress of lead bricks,
he checks it for radiation he ch
leaks.

Today is Thursday, a package day at UCSD's Environmental Health and Radiation Safety Lab. More than a score of isotope packages have arrived. Each week 50 to 70 packages are dropped off in ths cramped room near the center of campus and each is meticulously examined. If they are not 'hot,' or radioactive, the small bottles are repackaged and delivered to their respective labs. If they are, they are sent back to the manufacturer
"A lot of it is just repetitive work," says Bold, apologetical
ly, reaching for the next jar.
Bold is a member of the Environmental Health and Safety Office EHSO). The office, among other things, is the licensee for isotope use on campus. It oversees all aspects of the use and disposal of radioactive isotopes.
Isotopes are "one of the most used tools in science," says health physicist Ray Jisha Jisha is the newly-hired radiation safety officer for the EHSO. He is currently rewriting UCSD's radiation program and renewing the school's seven year nuclear license.
UCSD is a research campus It prides itself on and pays for itself with research, and it uses a lot of isotopes. UCSD received more than \$109 million in research funding last year, almost a third of the total campus budget. Roughly $\$ 43$ million of research funding was spent by biological and health


## researchers, many of whom

 use isotopes. Presently, over 200 researchers are licensed by the EHSO to use radioactive isotopes.Isotopes are useful and because they are radioactive very controversial. Mention radioactivity and Three Mile Island seems to loom overhead

But, the question is, what actually are isotopes? Biological isotopes are used as radioactive tags, or labels as radioactive tags, or labels, single metabolic step or measure how a plant or animal
utilizes a substance throughout its body Isotopes are atoms. They have the identical chemical properties of non-radioactive atoms, but they have differing and unstable atomic masses. Most elements in nature are mixtures of isotopes.
Unlike the isotopes in our bodies, some of the isotopes which are used in the lab are highly unstable and energetic. The more stable an isotope is, the less radioactivity it will emit. For example, two emmon example, two bodies, potassium. 40 and
carbon-14, take 1.4 billion years and 5,700 years respectively to halfway decay, or lose energy. However, phosphorous-32, which may be the most commonly-used halfway in 14 days.

No matter what kinds of sotopes are used, the health and safety office hands them out, picks up the waste and polices labs to see that the materials are used safely. Policing methods include using geiger counters to poke please turn to page 5

The military wants your name. Page 5.
2nd annual undergrad theatre festival planned. Page 11.

## Opinion

 Letter to the Editor
Joe and Mary aren't getting enough pay

















$\qquad$




|  |
| :---: |
|  |  |
|  |  |

Letter to the Editor
A big list of several reasons why fat is good for America Editor:
Boluune
col
people
$\qquad$

Carl Maxwell

## The Bottom Line

Myopic Monogamy versus the big bad Russians

$\qquad$








Getting the facts straight about the Falklands war


Robert Caldwell editorial writer for the San Diego Union

## and

Robert Livingston, UCSD Professor of Neuroscience and secretary of Physicians for Social Responsibility
will debate on

## "Nuclear Freeze Initiatives"

Thursday, May 27 7:30 pm TLH 104 Free admission

Sponsored by: Ground Zero Committee \& the Science, Technology \& Public Affairs Program

ISUCSD Excentive Branch
 obb Deseriptions ameerer Assistant to the Presidem., Internal Affairs
 (hant imerest of the campurExeentive Assistant to the President, External Amair-

 Executive Assistant to the Presidemt. Finanee Director
 Exeentive Assistant to the President, Student Body

 vitensively attending SPPC and, whiten necessary. Rececerts meeting vecutive
This staff member monitors the efficiency and operation of the
 Execentive Aosistunt to the President, Student Organization
 bx this permon.


Issues for Women of the 80's Women and Money, Making What We Have Work For Us by Teryl Springfield, Treasurer-Manager of the
California Feminist Federal Credit Union.
Cinderella Complex Women Taught to Fear Succes by Maureen Gervirtz, Managing Director of

$$
\begin{aligned}
& \text { n Diego Family Institute. } \\
& \text { Wednosdav Mau 2hth }
\end{aligned}
$$

Success and the Minority Woman/If I Knew Then What I Anow Now

The Equal Rights Amendment
by Thelma Stacy, Chair of the Speakers Bureau
the San Diego County Chapter of N.O.W. Sponsored by Warren College

END OF YEAR CLEARANCE SALE! Spectacular Savings!
All items at $1 / 2$ price!
Many new shipments of resale items now on hand
 Wednesday May 26 10:00-2:00pm FIC RESALE SHOP Friends
of the International Center UCSD Warren Campus
Mon-Fri, 10:00-2:00pm tel 452-3730



Falklands

$\qquad$

をevicu News
Lab work balances safety and experiment


Proposal would give students' names to


Beverage industry to fight Bottle Bill


Student Center
Programming Assistant Opening!
Do you have interest and/or experience in:

- advertising
- programming events?
- UCSD programming policies and procedures?

Then apply at the Student Employment Office by May 27, 1982.

Job begins September 1982 Hours per week, 10-15


## RESEARCH MATERIAL?

on the topics of:


Come see what we have for you free of charge
at tables set up on Revelle Plaza on Wednesdays: May 12, 19, 26 We think you will find what we have very winning. international daily newspaper THE CHRISTIAN SCIENCE MONITOR

The UCSD Guardian
Thomas Urbach, Science Edito
Science

## Page 7 May 24,1982

For Your Health By Adam Barton Austin

Propolis: a cure from the past


Ponds, pools, and puddles


| CALL ICM FOR MOST OF YOUR NEEDS: $\qquad$ typing of papers $\qquad$ $\qquad$ $\qquad$ and insurance services <br> ICM $\qquad$ Media, Inc $\qquad$ Suite $\qquad$ San Diego, Ca. 92108 Phone: (714) 284-3287 (In M $\square$ |
| :---: |
|  |  |
|  |  |



## The Weekly Calendar

## lecture/discussions


religious



Spm Catalic Mass Unimesisy utrean Chuch
12:300m





wecome tur
thursoar



## fidar








sunoar
:3isam - Catolic Mass uniesty withean Chuch


meetings
russoar


mediesoar






## thursoar





fridar



services/workshops


recreation
weonesoay

saturoar



entertainment
monday
 spm - Uss concert chior directed by David Felder peetorms

tuesoay

wEDNESDAY


 was first procuuced in Paris in 1907 and is now brought to


thunsoar


fridar



8pm - "A Fiea in Her Ear" will be petormed in the UCSD
saturdar



sundar
3pm - Clarnet Recati: Stacy weage, clannet. Rectal Hall:
tanderive Center fiee

Thurs.
MAY ONE
27 MEAL
OF
CARING

Expert will discuss trauma care Trauma is the leading gause
of teath beteen the ages of
one and 40 according to Dr. Conn. Medical Director
of the Maryland
Trauma Unit. whek.
effective ut spak on
 has published numerous
articles ond diferent aspects of
traum a care
iIt has trauma care. been demonstrated
that reainenaization of rauma
care dramatically improves that regionalization of trauma
car
survervaramatically
inproves
patient.
 Trauma Service at Scripps
Memorial Hospitals.


Andy Warhol on celluloid


## African Lecture Series <br> (Lecture \#4 of 4)

"Symbols of Change"
Dr. Bennetta Jules-Rosette Department of Sociology

Thursday, May 27 8:00pm
International Center Lounge Refreshments



Art, music, theatre \& more this week


The UCSD Guardian
The Falklands war and the pro-British media
 wishes of the islanders."
which wishes of the isslanders,
which transsates into staging
a vote to return to British rule vote to return to British rule.
The Argentin position is hat
he issander mian becme
hegentin
 trut
tul
hear
hear



Hective information. The sad
Huth ith that want place
Hot trust in what we eread or all our trust in what we readacor
hear in the media, or consider it a sufficient basis or onsidiser
the world tand make $j$ iuge. The coverage of
Malvinas Farkelkands con with ias park prants contish biantict.
send
selective ommision of relevant seltermeommision or relevant
infanipulan, is a clear cas of
mat public anmanian or wouk probably provide usf with mame protound insights, not only
about the nature of colonial
ism, but also that of mas ism, but
media.
Anyone Anyone interested in more
detailed info about the subject
 be glad to provide it myself or
direct them to more know
ledgeable sources if ledgeable source if if ecessary
Pablo ${ }^{\text {Gen }}$ urces if necessary.
Pablo Ghenis

## Glen and Shearer

Banking benefits lure graduates


## The cost of leaving just went down.

BankAmerica Travelers Cheques Now Commission Free
Purchase BankAmerica Travelers Cheques at any Bank of America
branch in California, and save the $1 \%$ service charge.

(H)

The UCSD Guardian
Tim Pickwell, Sports Editor
Sports

## Jim Schutz

Clubhouse comfort Pad's key







Promotions could give Padres record attendance




 ame futa ion in anpar







|  |
| :---: |
|  |
| 为 |
|  |
|  |
|  |
|  |
|  |
| and |

## EECS 65 \& EECS 175 B Have been added to the 1982 Summer Session offerings

Summer Session has added EECS 65 and 175s to the course offerings. For Session Office, 106 Administrative

Complex or call 452-4364. EECS 160A
Students registering for EECS 160A during the 1982 Summer Session will
not have to pay the $\$ 75$ Computer Fee.


Sixers cure throat disease


Seniors head for bank continued from page 12
money
something
move onto moneth ang less stodgy.,
someth
Nonetheless Nonetheless, the banking
worlds consistently
turnwer rates
many turnover rates indicate that
many graduates apparently
enjoy their new life too much enjoy their new life too much
to think there could be any
other.
other.
We understand that an
almost irrational fear. of
alt
 Yet, there is also something
to this technological age
that seems to breed amongour that seems to breed among our
contemporaries a lack of
confidencer ion non-technical
areas. Wint the ath tethtion
given to math and science



Local TV to air soccer cup

 $\qquad$


## Bottle Bill initiative

## TECHIICAL RISTRUGORS WANID. <br> EARN OVER \$800 A MOTHH HOW ADD WEICOARATIIE YOU A TEACHING POSIION ATIER GRADUAIOM.

Let your career pay off while still in college Earn over $\$ 800$ a month during your junior and enior years. Special Navy program guarantee ou a teaching position after graduation. f the most successful and sophisticated engiof the most successful and sophisticated engineering programs in the country; plus opportunity uate level math, physics, chemistry and
engineering.
If you are a junior or senior majoring in math, engineering or physical sciences, find nd let your career pay off while For more agement Programs Office at: 293-669

POLITJOURNAL
The annual publication of undergraduate
research in the Humanities and Social Sciences

## Seeks

## YOUR SUBMISSION

DEADLINE June 15, 1982.

All work accepted for this publication is judged on the basis of originality and scholarship. Of special interest are papers dealing with issues of current concern and topical interest.

Mail submissions to:
Politjournal, B-023
UCSD, La Jolla, CA. 92093
For more information call
239-8373 or 452-2016

Classifieds


personals

## Rancho Mirag

Budget Airfar
 You are cordially invited to a rea
featuring contributors This Wednesday at 4 p.m. Third College Mountain View Lounge WINE AND CHEESE RECEPTION
$\qquad$
plus
efore you move out for summer sell those extra items through Guardian Classified
They work!' Try it!




Cramming or jamming:
The plight of student bands


Attiyeh appointment confirmed, but....Page 5.
Pigs at a medical school. Page 7.
Money and sports - an interesting mixture. Page 13.

## The UCSD Guardian <br> Opinion

 Letter to the Editor
Big and little lies about the Falklands

Editor:
I woul


Center sheds light on Rally

$$
\begin{aligned}
& \text { Edior } \text { We the Women's place the same time poperuark and get peemin } \\
& \text { E }
\end{aligned}
$$



The Bottom Line
The Navy: not just a job but free birth control





Good, sound, foreign minds terrible things to waste

No more Navy babies







## List of the missing





It's not a matter o
discrimin ating between
foreigeris and mericans
says William Cagney of the
and wide that


## SPEEDO 1982 <br> 40\% OFF <br> ONE DAY ONLY

Swimwear
Aquatic Accessories

FRIDAY, MAY 28, 1982. Limited to Stock on Hand


UNIVERSITY
BOOKSTORE
OPEN DAILY 8:00 a.m. - 4:45 p.m.



## Notetakers Needed

for Fall Quarter
for the following courses:
AMES 101A, 142A, 175A
Bio. $1,3,11,14,20,101,111,115,131,141,151$ Chem. $4,5 \mathrm{~A}, 8 \mathrm{BLL}, 114 \mathrm{~A}, 130,140 \mathrm{~A}, 141 \mathrm{~A}$
Gen. Comm. 20, 100
Econ. 1B, 110A, 120A, 135, 170A
EELS
History 7A, 24
History $7 \mathrm{~A}, 24$
Humanities $11 \mathrm{~A}, 12 \mathrm{~A}, 22 \mathrm{~A}$
math $1 A, 2 A, 2 A S, 2 B, 2 C, 2 D A, 2 E A, 4 B, 75,175$,
Philosophy 10,13
Physics 1A, 1C, 2A, 2C, 2D, 3A
Poly. Sci. 10, 100DA
Psychology 101, 102, 179
Sci. and Tech. 10A
Sociology 1A
You must have taken the course and
received an " $A$ " or a " $B$ ". If
interested call Henry Chu at 4524450,or Scott Bruyneel at 457-3067. Or stop by lecture notes office
inside EDNA.

ATTENTION: UCSD GRADUATES,
FAMILIES AND FRIENDS
-THE 1st ANNUAL UCSD
GRADUATION PARTY
will be held on June 13th, 1982 from
4:00-8:00 pm at
The Rodeo"
8980 Villa La Jolla Drive
La Jolla, CA. 92037

This celebration is to honor the Class of '82 graduates but is This cele bration is to honor the Class of 82 graduates but is
open to all UCSD students, family and friends. Entrance is by invitation ONLY. Invitations may be picked up at the following locations:

> EDNA M.O.M. Warren College Provost Office Revelle College Provost office Muir College Provost Office Third College Provost Office
*Seniors pick up your invitations with your cap and gown at the Bookstore*




stadert organizaions Aa

The UCSD Guardian
Tom Urbach, Science Editor

## Science


The
SOCIETY OF PHYSICS
STUDENTS
Congradulates all
graduating Seniors and
invites interested
students to join us next
fall.
We host Faculty
discussions, field trips
and study sessions and
sponsor the Physics
lecture note and
homework solution
series
P.S. We also have a hell-of-a-good
time!!!

| Robert Caldwell |
| :---: |
| editorial writer for the San Diego Union |
| and |
| Robert Livingston |
| UCD Professor of Neuroscience and |
| secretary fo Physicians for Social |
| Responsibility |
| will debate on |
| "Nuclear Freeze |
| Initiatives" |

*RESUMES*
$\begin{aligned} & \text { When JOBS are } \\ & \text { SCARCE, you need an }\end{aligned}$
$\begin{aligned} & \text { ECARCE, you need } \\ & \text { FDGE! } \\ & \text { functional resu }\end{aligned}$
Functional resumes
$\begin{aligned} & \text { emphasizing your } \\ & \text { academic training }\end{aligned}$
practical work
experience and
$\begin{aligned} & \text { personal potential. } \\ & \text { 10\% Student Discount }\end{aligned}$
$\begin{aligned} & \text { O\% Student Discoun } \\ & \text { PROFESSIONAL }\end{aligned}$
$\begin{aligned} & \text { PROFESSIONAL } \\ & \text { RESUME SERVICE }\end{aligned}$
$\begin{aligned} & 3885 \text { Clairmont Drive } \\ & \text { Suite } 8275 \text { - } 3565\end{aligned}$
$\begin{aligned} & \text { Suite B 275-3565 } \\ & 8383 \text { Clairemont Mesa }\end{aligned}$
$\begin{array}{r}569-6929\end{array}$

Thursday, May 27
7:30 pm TLH 104
Free Admission
Sponsored by: Ground Zero Committee $\&$ the Science.
"Remember July 1" This is an important reminder to all UCSD students who need assistance to attend
school next year. The deadline to complete your financial aid file to be considered for cid for all three quarters of 1982-83 is July 1 1982. The Student Financial Services Office
will determine if your file is complete. It is will determine if your file is complete. It is
your responsibility to respond promptly to any request for documents or information from your Student Financial Services Office. If you file is completed after July 1,1982, you
will be considered for Winter and Spring will be considered for Winter and Spring
Quarters financial aid only: depending on Quarters financial aid only; depending on
the availability of funds, late applicants may not be fully funded.
The SFS statt DO IT NOW!!as soon as possible to be considered for Fall Quarter 1982 -83 aid. Plan ahead and avoid the inevitable last minute rush. DO IT NOW All students, except those who are from an economically disadvantaged background,
will be required to use summer or academic year savings, apply for a Guaranteed Student Loan (GSL), or earn an additional $\$ 1000$ (for California residents) and $\$ 2500$ (for non California residents) to supplement their financial aid packages in 1982-83. This "gap"
will be part of the $82-83$ award and will be shown on all offers of financial aid. The GSL requires a separate application.
Guaranteed Student Loan applications for
$1982-83$ should be available 1982-83 should be available in our office on
June 1.1982 .

## IS YOUR FUTURE IN THE AIR?



TRAINING: Training programs offering ear
managerial and technical responsibilities. In PILOTS • NAVIGATORS • SYSTEMS OPERATORS QUALIFICATIONS: Minimum BS/BA degree
(summer graduates may inquire). Applicants must be (summer graduates may inquire). Applicants must be
no more than 29 years old. Relocation required. Appli-
cants must pass aptitude and physical examinations cants must pass aptitude and physical examination
and qualify for security clearance. U.S. citizenship required.
BENEFITS
BENEFITS: Excellent package includes 30 dayss
earned annual vacation. Medical/dental/low cost earned annual vacation. Medical/dental//low cost life
insurance coverage and other tax-free incentives. Dependents ' enenefits available. Extensive training program provided. Promotion program included. PROCEDURE: Send a résumé to, or call: Naval
Management Programs.

$$
\begin{gathered}
\text { P.O, Box } 85124 \\
\text { San Diego, CA } 92138
\end{gathered}
$$

293-6691


"Tough, spare...the work of an enormously gifted director who knows how to control his grief and rage."
-Vincent Canby, New York Times


VIDAS SECAS ALSO: Missing Persons

## Friday, May 28 7:00 p.m.

 TLH 107 FREEsponsored by: committee for world democracy with


## The Arts

UCSD bands share common interests and seperate goals

Groups seek relaxation and recording contracts








Two guys who are on the bands' side



PICK OUR POCKET AT OUR BIG 10\% OFF 10th Week SALE ASSORTED VINYL
Your On-Campus Record \& Tape Co-op


Open M-F $\quad 10-5$

EXTRA SPECIAI
Ampex Grand Master
$\mathrm{C}-90$
$\$ 1.75$
C-60
$\$ 1.25$
Super Special

Thursday, May 27, 198

Student bands: keeping the GPA and volume cranked up

ricto mamanay

$\qquad$ pertormances will be free
With 12 years of private voice
training behind him, Hanson training behind him, Hanson
is adamant about refusing
comensation. We te
concerned with money at all. II
no only the way to ecerape
 Sut. whatever the intentions,
each musician has in common
he tope the love of mussic and the
deeire to convey that love to a



Seventh annual dance concert this Saturday




lespite a lack of funds and
reminders from the PE
deartment that she was not
dunning a ballet school running a baliet school.
At that time 100 students
were enrolle in iegh classes.
Today 800 students partici-


 himself seeks from the music.


## Budweiser

.presents Intramural Sports Shorts-
Itis ben awhile folks, sine




Late IM Play-Off Results Waterpolo (Semifinals)

Coen A

Team Badminton (Semifinals)



Ultimate Frisbee Dope Sheet

$\qquad$

## Sports

## Dividing the athletic budget


an banat



 and inc sisme



Women's tennis finishes second
 $\qquad$ $\underset{y}{c}$


No Canadiens have no win
By ELAINE WALLACE "Are yout writer "Are you really going to
write astory ybuot ourteam?"
Ron Uchimura asked me Inad
 Volleyball match en etween
French Canadiens and
FTES on KEs on Sundians night.
Iheard the same tameard the same thing at the same when a referee looked a
ne and asked, WWat are you me and asked, "Wh
taking notes for?"
$\qquad$

nether the saia


## The playoff picture

By LaRRY GOLDMAN


IM playoff schedule


Education At Home Program (EHP)
Winter Quarter, 1983 East Coast:

9 weeks: Williamsburg, Virginia 1 week: Philadelphia, Pennsylvania Washington, D.C
Three Courses (taught under the direction of a College of William \& Mary, the Institute of Early American History \& Culture, and the Colonial Williamsburg Foundation; these are UC courses and therefore fully transferable):

Virginia in the Age of Revolution Cultural Life in the American Colonies Methods and Materials of Local History under the direct supervision of the Colonial Williamsburg Foundation)

For application forms and further information, contact your campus representative

Dolores Avila X3612
or write:
Education at Home Program International Services Center University of California Riverside, CA. 92521
DEADLINE JUNE 30, 1982.

Panel Discussion on

## "Reaganomics and <br> National Economic Policy"

with
Professors Attiyeh, Bear, Heller and Starr
of the Department of Economics
TODAY 5:00 p.m. in APM 2113

Everyone Welcome Refreshments Provided

Sponsored by EMSSA

## Classifieds

## announcements


wanted

housing

|  |  |
| :---: | :---: |
| Roommate wanted for condo in Del Mar Own bath, pool and jac. Nr beach. Judy $481.5287(5 / 27)$ |  |
|  |  |
| ( |  |
|  |  |
| 2 bdr. new condo own room, own bath.$\$ 175$ plus $1 / 2$ uttl Mira Mesa, Exclitt area June to Sept Summer only Clean andquiet. Tom. $578-9317$. Leave message (6/1) |  |
|  |  |
| emale roommate wanted to share condo or summer near UCSD. Pool, jacuzzi, tennis |  |
|  |  |
|  Aval $5 / 25.48882346$ ( $5 / 27$ ) |  |
| Room to rextin Climont OMn room bey |  |
|  |  |

$\qquad$
Rontion firebird febuirt engine

 personals



travel


Guardian
classifieds sell!'


## Solving the careercrisis: we wrote the book onit.



## How to

 Select a Career or Manage a Job ChangeA complete guide to marketing yourself effectively

In this time of high unemployment and stifled job opportunities, many people are concerned about their jobs and careers For them-and maybe for you-it's a real crisis.
There is a solution. It's all clearly spelled out in the book we personally wrote: "How to Select a Career or Manage a Job Change." It shows you how to select a career. Or change a career. Or move up in the career you have.

In fact, this book comes with a guarantee. We promise youlll learn detailed methods that will give you the critical edge in today's fiercely competitive job market.
Methods like:

- How to assess your own skills, talent and experience
- How to package yourself
- How to keep your job records and contacts up to date
- How to become known in the marketplace
- How to interview effectively
- How to handle rejection and many more.

