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Loma Linda University School of Dentistry

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Dentalgram

A monthly publication of the dean's office
for students, faculty, and staff

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This issue

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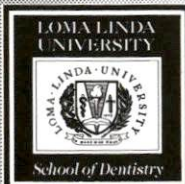
News notes

Department news
new faculty
new graduate students

Dentistry team saves life in
Urgent Care

IFAC report

Masked burgler detained



School of Dentistry computers switch to new system

by *Christy K. Robinson*

The School of Dentistry is bringing its computer hardware and software from 1985 computerization to 1999 - 2001 capability. The original software program, written in MIIS, was self-written, self-designed, and worked very well during the eighties and nineties.

"We had things that many dental schools didn't have," says Paul Richardson, SD'72, MEd, associate dean of clinic administration, "but we didn't have some basics like computer printed insurance forms -- we have done that by hand and typewriter for many years."

One goal was to bring software into the 21st century, to make a springboard from which to digitize records. Says Dr. Richardson, "The first step is to use a software package that has the strength and robustness to carry us for the next five or six years without major intervention. The second step is to upgrade our desktop hardware to at least 1999 standards (which probably by the year 2000 will be well in the dust). We hope that we can go 18 to 24 months without having to do any major upgrades. The third is to enhance the dental school network to the point that it can bear the kind of traffic that we foresee for digital image transmission."

The software package cost about \$125,000. The next expenditure is for leasing 150 computers. "We felt that computers are so transient, that we'd try leasing this time," says Dr. Richardson. "On the network itself, fiber optic has been installed from the basement to all the main floors, hard wiring the entire clinic, and first and second floor offices." The materials will be viable for five to ten years, Dr. Richardson estimates, as far as their transmission capabilities.

"The network can transmit 100 BaseT. At present the floors communicate at 10BaseT interfloor at 100 BaseT. While we're about this with the main clinic,



Mark Batesole, DDS, orthodontic graduate student, consults with a patient and her mother, with patient records available on the computer.

Dr. Caruso and his group in the orthodontic clinic are one or two steps ahead of us on the digitization side. They're beginning to test and find issues with our network that we hope to enhance as we go along, so when we transition toward that in a couple of years, things will be working well for us.

"At this point, the only things that are going to go online that haven't before are treatment plans entered directly in the computer by students. That is a step forward toward digitization. That starts July of 1999. If we don't do it this year, we're in trouble, because our dear old computer dies an unnatural death in 2000. Our old system is not 2000-compliant. There are sub-programs that will still remain functional for some time, but the main clinic will transfer July 6."

Dr. Richardson continues, "We've already started a pilot program where we have 30 students with about a thousand patients contained in this program. The students have had to endure some interesting glitches in software that's not quite there, but they've

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Dental family receive Master's degrees

In June 13 commencement services, the Graduate School and School of Allied Health Professions of Loma Linda University awarded Masters degrees to several students closely connected to the School of Dentistry.

The following graduate students received their Master of Science degrees in dental specialties:

Jeffery C. Biggs, DDS, orthodontics and dentofacial orthopedics;

Jeff S. Corbett, DDS, orthodontics and dentofacial orthopedics;

Brent J. Hurst, DDS, orthodontics and dentofacial orthopedics;

Mathew Kattadiyil, BDS, prosthodontics;

Vicky T. Nguyen, DDS, orthodontics and dentofacial orthopedics;

Hyunsup Shim, DDS, orthodontics and dentofacial orthopedics;

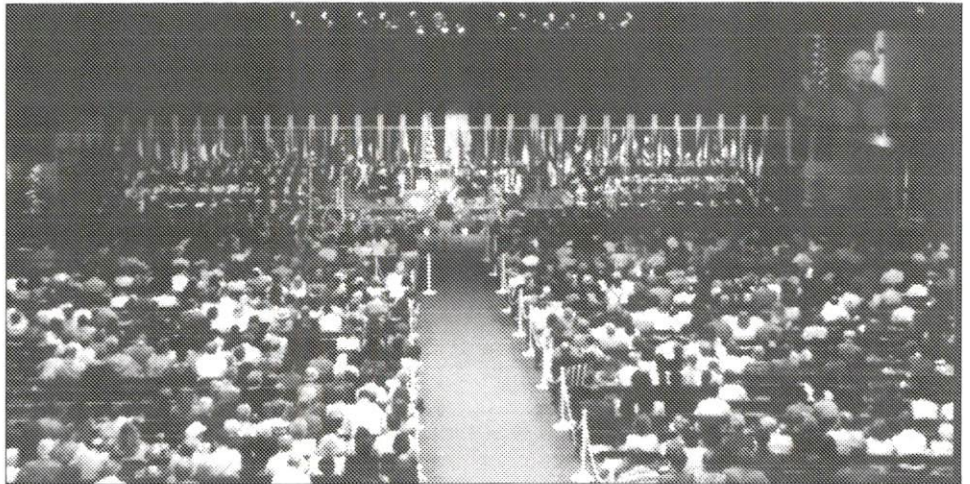
Douglas Snider, SD'83, endodontics;

Barton Soper, SD'95, orthodontics and dentofacial orthopedics.

Tricia Williams, SD'97, received a Master of Arts in biomedical and clinical ethics.

In addition, **Kathleen Moore**, director of the Dental Alumni Association and continuing education, received her Master of Health Information Systems degree. She is completing her final class and an internship this summer, but marched with the Class of 1999 on graduation day.

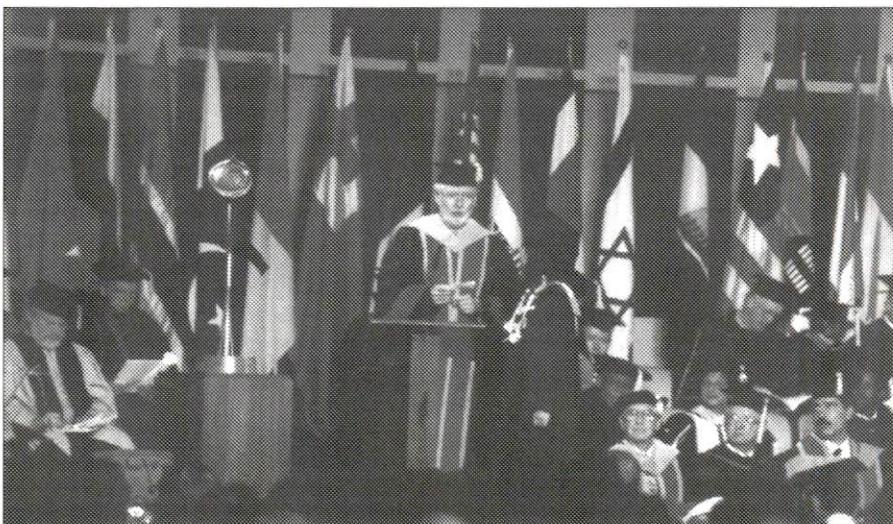
Grete Bakland earned her Master of Science in nursing. She is the wife of Leif K. Bakland, SD'63, associate dean of advanced education in the School of Dentistry, and professor and chair of endodontics.



University president B. Lyn Behrens, MBBS, addresses the graduates and their supporters at the June 13 Graduate School commencement, held in the Drayson Center.



Drs. Mathew Kattadiyil, Douglas Snider, Hyunsup Shim, Jeffery Biggs, Vicky Nguyen, Barton Soper, and Brent Hurst marched at the commencement.



Leif K. Bakland, SD'63, associate dean for advanced education in the School of Dentistry, presents Vicky Nguyen, DDS, new orthodontist, to receive her MS diploma.

Orthodontics grads celebrate with banquet

The Tenth Annual Student-Faculty-Alumni Banquet honoring the graduating orthodontic students was held June 10, 1999 at the Castaway Restaurant. Students receiving the Masters of Science degree in orthodontics are: Drs. Jeffery C. Biggs, Brent J. Hurst, Anitha Nair, Vicky T. Nguyen, Hyunsup Shim, and Barton L. Soper (SD'95).



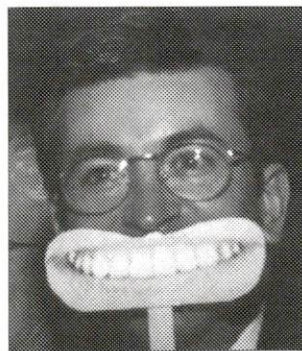
The orthodontics Class of 2000, now beginning their second year of graduate studies leading to the MS degree, include Drs. Sy Nuyen, Camille Neagu, Margaret Kowalczyk, Mark Batesole, Sonya Finnie, and Marc Dunn.



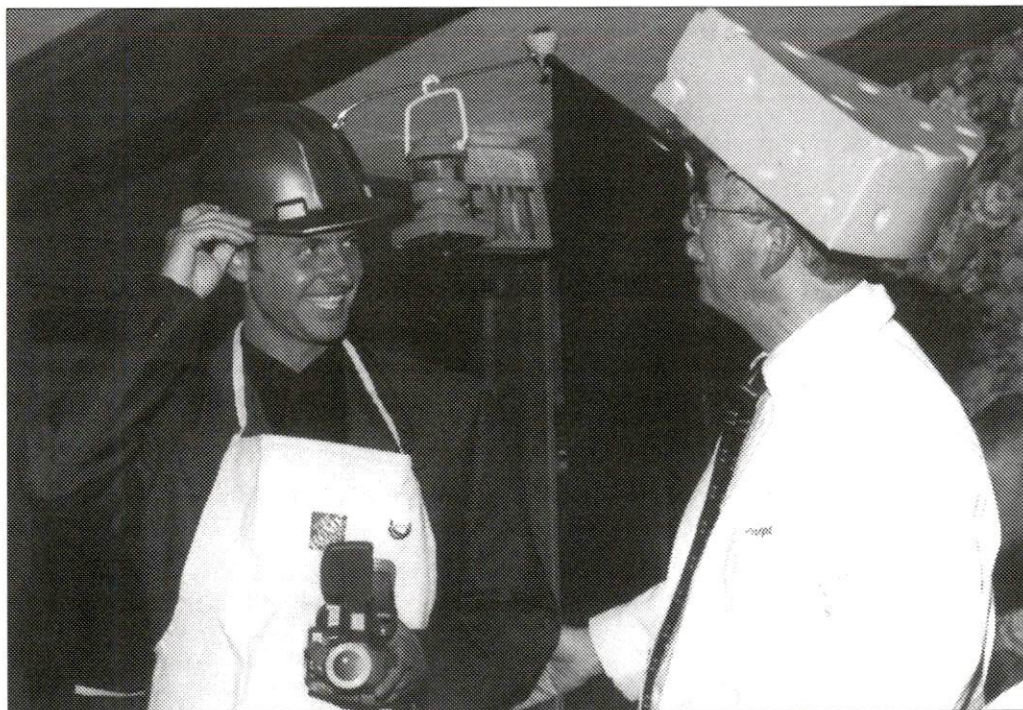
The Roland D. Walters Research Award was presented in recognition of research performed and the development of research protocols that will be useful in future projects at Loma Linda Univeristy. This year's recipients were Jeffery C. Biggs and Vicky T. Nguyen.



Donald L. Twerson, DDS, MS, keynote speaker at the orthodontic Student-Faculty-Alumni Banquet



Dental humor...you really had to be there. Dan Flores, SD'82, MS'88, assistant professor of orthodontics.

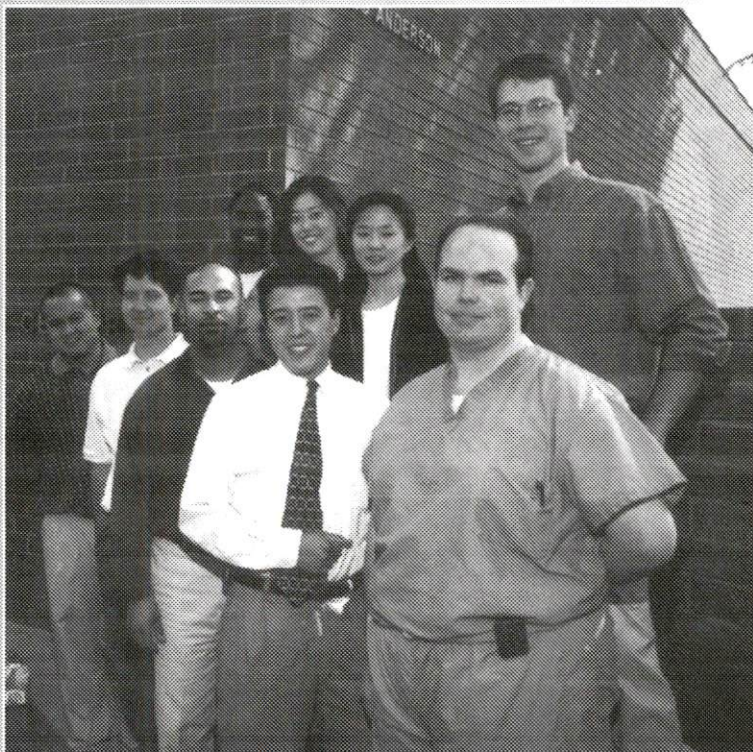


A golden hard hat, camping lantern, Home Depot apron, and camera complete a look that Jeffery Biggs is sporting. As for Joseph Caruso, SD'73, MS'75, chair and Big Cheese of orthodontics, 'nuff said.

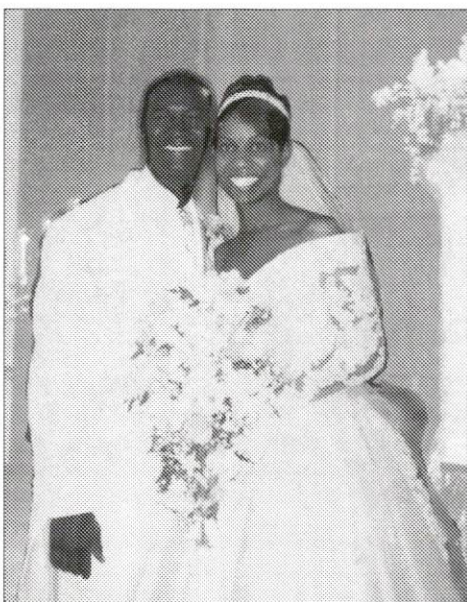
Students on the Move

DSA officers, 1999 - 2000

Co-president	Ken Pierson
Co-president	Shelton Hsu
Vice president	Michael Knoll
Secretary	Periza Zanninovic
Treasurer	Eunice Hong
Social VP	Michelle Koger
Social VP	Nappy Lam
Chaplain	Robert Wells
PR Rep	Carlos Moretta
LLUSA senators	Mueni Mutinga
	Pete Jimenez
	Royce Nicola



Dental Student Association officers for 1999-2000 are (back row): Mueni Mutinga, SD'01, Michelle Koger, SD'01, Eunice Hong, SD'01, Ken Pierson, SD'00; and (front row): Nappy Lam, SD'00, Royce Nicola, SD'00, Carlos Moretta, SD'01, Shelton Hsu, SD'00, and Mike Knoll, SD'01.



On Sunday, June 20, Travis Tramel, DH'00, and Gianna Hutton, SAHP student, were married in Fresno, California. Fifteen members of the Tramel family came from Georgia for the wedding. Following a honeymoon cruise, the Tramels will continue with their coursework in dental hygiene and physical therapy.

Admissions visits pre-dents at Walla Walla College



Walla Walla College, located in Washington, is alma mater to pre-dental hygiene and pre-dental students, several of whom will become LLU School of Dentistry students this September. Also included are two alumni, Dave Hernandez, SD'75B and Don Kellogg, SD'72, as well as Dr. Robert Rittenhouse, a chemistry professor who serves as the pre-dental advisor on the WWC campus. The photo was taken in the La Casita Restaurant in Walla Walla. Sylvia Davis, MA, director of admissions, hosted the group as a part of School of Dentistry recruitment. Seated on the back row from left: Mike Clark, Caroline Nicola (sister to Royce Nicola, SD'00), Mike Stafford, Dr. Rittenhouse, Dr. Kellogg, Dr. Hernandez; front row: Danielle Larsen, Geoff Stuart, Sara Gaje, Kristin Fletcher, and Susan Graham.

Newsnotes

Discussions with administration to be held during lunch time

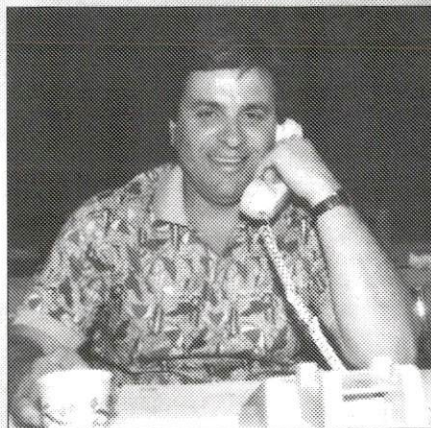
Drs. Goodacre and Richardson would like to regularly meet with faculty, staff, and students to discuss clinical issues and the new computer system. The purpose of the meetings is to provide a forum for discussion of methods by which the new clinic/computer systems can be enhanced. You are welcome to bring your lunch to Room 1102, and eat during that time. The following dates have been chosen for these discussions:

Monday	July 19
Wednesday	July 28
Tuesday	August 3
Monday	August 23
Monday	September 13

Support for El Hongo needed

SIMS (Students in International Mission Service) runs a medical/dental clinic one weekend each month at the small Adventist church in El Hongo, Mexico, east of Tecate. The clinic is in need of donated disposables like bibs, cotton rolls and gauzes. If you cannot donate your services in providing some of the free dental work, please consider giving assistance in the form of supplies for the three trailer operatories installed there. The students and staff would be grateful.

To make financial donations (payable to Loma Linda University), or donations of goods, please contact Ron Fritz, SD'72, MPH, at the SAC-Norton dental clinic, (909) 558-4000, x37261.



Gary Wuchenich, SD'77, MS'94, was among the alumni and faculty who participated in the 1998-99 Annual Fund Campaign phonathon, which brought in more than \$191,000 in pledges this year from alumni around the country. The effort, sponsored by the Alumni Association Century Club, stimulated more than 700 alumni to make pledges. Projects to be supported by these funds include student mission clerkships, the building campaign, personalized Bibles for incoming students, Service Learning, scholarship and loan funds, as well as the operations of the Alumni Association office. More than 50 alumni and faculty members participated in the phonathon this year.

Construction update -- July 1, 1999



Department News

Administration

• **William Hooker**, PhD, associate dean for student affairs, spoke at the University of Utah School on Alcoholism and Other Drug Dependencies. He was asked by the Dental Section there to make a presentation on LLUSD's substance abuse program. Dr. Hooker has also conducted a study, "A 15-Year Review," of the participants of the program in the Schools of Dentistry and Medicine, which was part of the presentation.

Admissions

Careers in Dentistry will be held on the Loma Linda University campus July 25 - 27, when prospective dental and dental hygiene students will visit the School of Dentistry for seminars, hands-on laboratory sessions, tours, and shadowing upperclass students in the clinic.

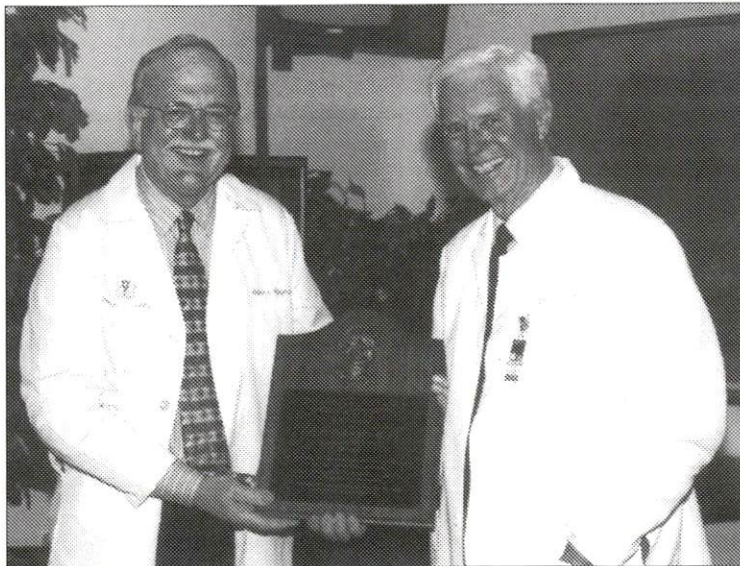
Center for Dental Research

The staff of the Clinical Research Center has completed the baseline examination of all 4,500 patients enrolled in the Colgate Dentifrice Study, reports **Ralph Feller**, DMD, professor of dental educational services.

Clinic Administration

California Board exams were held from June 13 - June 16. Two hundred candidates participated.

Robert Kinzer, SD'58, professor of restorative dentistry, presents a plaque to Kay Clifford, DDS, associate professor of restorative dentistry, in honor of Dr. Clifford's retirement.



Dental Anesthesiology

• Dental anesthesia is gaining three new residents on July 1, 1999. **Darren Fee**, DDS, from Canada, **Jeff Fisher**, SD'99 and **David Rogers**, SD'99.

• **John Khalaf**, SD'97, **Donald Lee**, SD'97, **Bonnie Marek**, DDS, and **Fernando Muñoz**, SD'97, have left with certificates in dental anesthesiology. Congratulations.

• **Rosemary Passmore** lost her gold watch at work. If you found it, she would be very grateful for its return.

Educational Support Services

As some of you know, **Christy Robinson**, editorial coordinator, recently purchased a home. She's planting trees and a garden, digging weeds, hanging blinds, and painting. Last week, she attempted changing a shower head, and after a 30 minutes of hard work, couldn't budge the pipe with her channel-lock pliers. She was advised to use WD-40 for lubrication, but didn't have any in her meager tool box. So she tried Pam cooking spray instead. Hey! It works! The shower head loosened easily after that. Maybe there should be a household hints section in the *Dentalgram*. (Or perhaps a humor section.)

Endodontics

Welcome to new students in the advanced education program in endodontics:

• **Erol Apaydin** received his DDS from the University of Iowa College of Dentistry in 1984. Dr. Apaydin served as a general dentist in the Naval Dental Center, Orlando, Florida. He is married and has two children.

• **Robert Handysides**, SD'93, was a solo dental practitioner in Kingston, Ontario, Canada, and was chairman of the Kingston

SDA Elementary School. He is married and has two children.

• **Nishan Odabashian** received his DMD from the Tufts University School of Dental Medicine, Boston, in 1991. He worked in private practice in Glendale, California, and serves as president of the Armenian Dental Society of California.

Oral & Maxillofacial Surgery

• We congratulate **David H. Gilbert**, DDS, on his June 1999 graduation.

• Welcome to new employees in OMFS: **Gina Cuccia** RDA; **Lisa Velasco**, RDA, OSA; **Joanne Guerrero**, sterilization technician.

• Welcome to first year resident, **Todd C. Cooper**, DDS.

Orthodontics

• A new class in orthodontics comprised of **Virginia Bernal** (DMD, University of Pennsylvania, 1998); **James C. Choi** (DDS, USC, 1991); **John M. Cornali** (DDS, University of Missouri-Kansas City, 1981); **Nathan D. Cotten**, (DDS, Baylor College of Dentistry, 1998); **Daryl L. Proctor**, SD'94; and **D. Shane Witherow**, SD'98, began the study of orthodontics on June 28, 1999. A welcoming picnic by faculty, second year students and staff was held for them at Sylvan Park on Tuesday, June 29.

• Orthodontics is host to new three-month preceptor **Adnan Merhi**, DDS, MS, an orthodontist educated at Bucharest University, and Marmara University, Turkey.

Pediatric Dentistry

We welcome a new full-time assistant professor, **Maria Sheu (Kidwell)**, SD'94, PG'96, who begins July 1, 1999.

• We congratulate the graduate students who have finished our program: **Dean Walker**, SD'97, **Jenny Lee**, SD'97, and **Chris Kanas**, SD'97.

• We welcome our new graduate students: **Jennifer Barry**, SD'99, **Eddie Chang**, SD'99, **Jennifer (Stilson) Hoffer**, SD'99.

• **J. Todd Milledge**, SD'88, PG'95, chair of pediatric dentistry, thanks all the individuals who prayed and expressed concern for his family after his wife **Jenny's** (DH'94) recent auto accident. Their son Ian is doing fine and Jenny is recovering from her broken leg.

Restorative Dentistry

• **Ron Forde, SD'83**, and 1998 Alumnus of the Year, has moved back to Loma Linda after many years of dental missionary practice in Zaire and Zimbabwe. He is now a full-time assistant professor of restorative dentistry, and director of service learning.

• **Laura Erlandson, SD'95**, and husband Dr. Greg Zimmerman, had their first child, Claire Elice Zimmermann, on May 17. Little Claire and her parents are in good health, and moving to Wisconsin for a year.

Ron Secor nominated new associate dean for financial administration

Ron Secor, MBA, formerly dental clinics manager for the School of Dentistry, was recommended by the Search Committee for the position of associate dean for financial administration. Mr. Secor, who has been acting associate dean since last winter, accepted the position on June 17, according to Charles J. Goodacre, SD'71, MSD, dean of the School.

"Please join me in congratulating him!" says Dr. Goodacre.

Mr. Secor's promotion will be recommended to the Loma Linda University Board of Trustees at their August meeting.



Ron Secor, MBA

New faculty join School of Dentistry

According to minutes of the President's Committee, May 4 and June 9, the following people were appointed to faculty positions in the School of Dentistry:



Lenore Boss, BS, instructor in dental hygiene



Roger Briggs, DDS, assistant professor of restorative dentistry



Sylvia Cecchini, DDS, assistant professor of ODRP



Mark Estey, SD'97, assistant professor of ODRP



Ron Forde, DDS, assistant professor of restorative dentistry



Theresa Guillen, BS, instructor in dental hygiene



Michelle Hurlbutt, BS, adj instructor in dental hygiene



Pamela Lemus, DDS, assistant professor of ODRP



Wesley Morikawa, DDS, assistant professor of pediatric dentistry



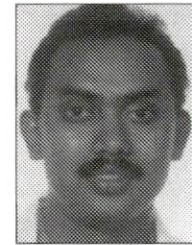
Nooshin Noghreian, DDS, assistant professor of ODRP



William Palmer, DDS, assistant professor of restorative dentistry



Julie A. Sugita, DDS, assistant professor of periodontics



Sony Thomas, SD'98, assistant professor of ODRP



Johnathan Wee, BDS, assistant professor of ODRP

photo not available

Clinic computers updated

continued from page 1

been very cooperative in getting us through this. We deeply appreciate the students in the pilot program.”

“I’d like to see us get to the point that each treatment site has a computer. We’ve wired a fair amount of the clinic already, so that students and faculty can directly access and update the patient records. We can track students, patients, time, and use of the clinic. It will be a pushbutton event then, not someone walking around making a list.

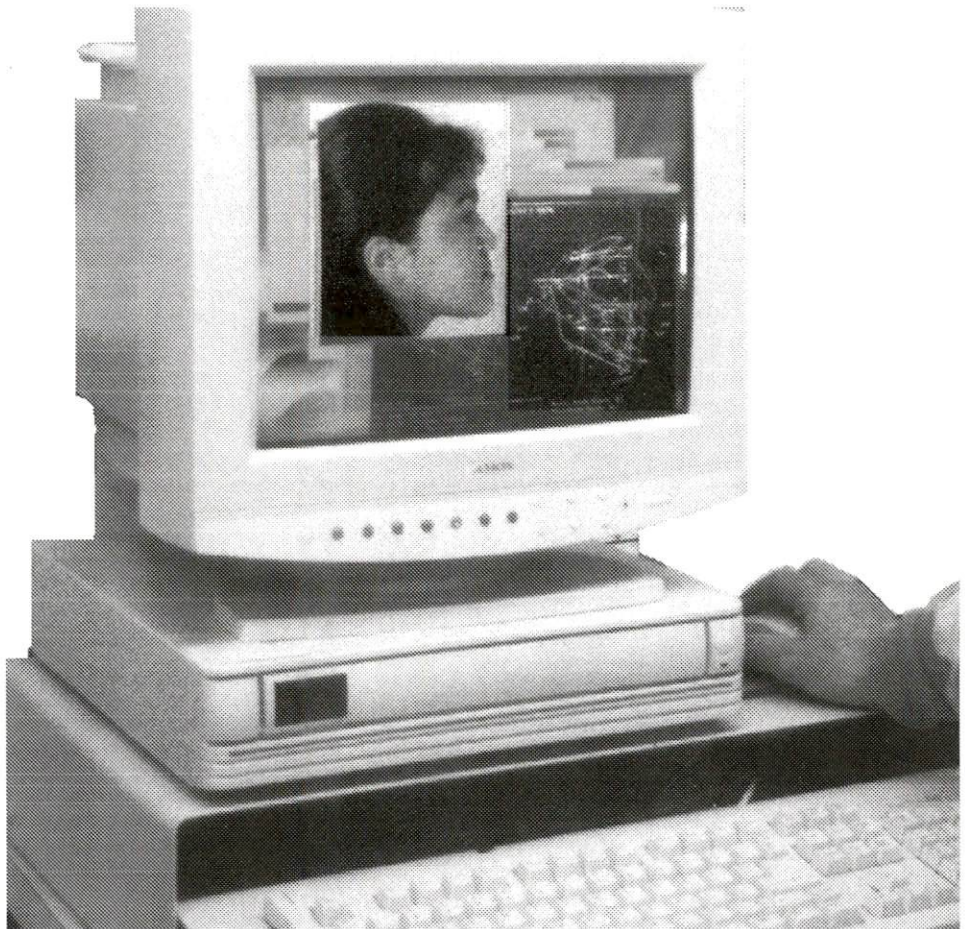
“By the time we’re through placing computers this July, there’ll be 20 or better in the clinic, which is 20 more than we’ve had until now. There’s a nine-station laboratory on Taylor Street (data entry area) available to students and faculty during the daytime. We use it as a teaching center for upgrades, or bringing people along in the program. There are also two student-lounge computers, and two in my office, so we’ve scattered them around strategically. There will be some in the laboratories.”

Could a patient’s records just vaporize? No, because everything is still retained in hard copy, including the chart and treatment plan. There will always be hard copy backup. Dr. Richardson says, “We’re not ready to make the jump to a paperless society: we have some security concerns, and concerns about maintenance -- we don’t have servers large enough to maintain all that. We really need backup servers, and ways to put this on optical disks -- that’s in the future. That’s a fairly costly program (now), but within two or three years, will be relatively inexpensive.”

He says that the School of Medicine is slightly ahead. The new Medical Center charts consist of a single sheet of paper which gives the name and number of the patient computer files. Most of their records are digitized right now. They made the decision to either digitize radiographs or buy another 200 miles of storage space.

Meanwhile, back in the School of Dentistry, the staff who had telemonitors now have computers which enhance capabilities at their work station. They can do word processing and e-mail, and reporting on Excel or Access.

“I do see us going to full digital in time,”



The ZeroBase program in use in the orthodontic clinic is an indication of what digitized patient records will look like in a few years.

says Dr. Richardson. “There’s plenty of evidence that that’s the wave of the future. At a conference in Key Largo, one of the attorneys who spoke says that digitized records will be standard practice within five years, simply because once they’re bound onto a CD or DVD, there’s very little change you can do, with a one-way, writable-only disk. Courts are beginning to become comfortable with those types of records. There are ways now to verify whether a record’s been tampered with, even to track the date and time. I think we’ll go that way as soon as we can.”

Dr. Richardson says that at the moment, the School of Dentistry is in the throes of making the software work. The software is QuickRecovery, by General Systems Design.

“We ran a fairly extensive search through five dental schools and two software companies. None of them met our needs exactly. This particular software program meets our needs better because we have

access to the underlying codes, so instead of just seeing the screen, if I want to go back into the data file to extract data for reporting or tracking, I can do that directly without the program hindering my access to the underlying file base. That’s done through Microsoft programs such as Access or Excel.

“Reporting is the major enhancement right now, and you’re allowed access into the database itself, in contrast to the old machinery where you can’t access anything except paper reports. A report shows me everything a student’s done as of today. If I want to drop into the software I can pull that out into Excel, then I can slice and dice and see where all this generated. If we find a program we like that stores digitization, digital images and compresses them well, its open architecture allows us to add it to this program.

“There’re ways to enable us to enhance it without having to write software that’s specific to us.”

IFAC (Interschool Faculty Advisory Council) Report

by Dan Hall, DDS, assistant professor of restorative dentistry

The IFAC retreat was held Tuesday, June 15, at the Pilgrim Pines Conference Center in Oak Glen. Devotional was by Dr. Lisa Beardsley. President Behrens then reported on three areas.

First, she relayed the result of the accrediting association of SDA schools and colleges. The accrediting body was very positive and recommended full accreditation. The full report will not be released until August. Dr. Behrens encourages faculty as individuals to write articles for the *Pacific Union Recorder*, gaining publicity on what a great place Loma Linda University is. Cherish the opportunity to talk about it, she said. Another message from the accrediting association was the need to transmit our mission to younger generations.

The second part of Dr. Behrens' report centered on health care issues. We are

faced with greater external issues with 18 percent of revenue coming from capitated care. The hospital is currently locked into a relationship that is costing them money to provide. Roger Hadley is looking at market value adjustments and a turnaround time of 18 months before the hospital becomes profitable. Dr Behrens requests our prayers during these current crises.

The last issue reported by Dr. Behrens dealt with the Open University issue. Loma Linda is in a good position to be an international center for learning. We need to be working on ways to transmit information to different cultures. She cited as an example the British Open University with 25 million students. They are affordable, on time, meeting a tremendous market need, and have an enrollment of 50 percent adults. The British Open University ranks in the top ten with Oxford and Cambridge Universities.

Dr. Joyce Hopp, dean of the School of Allied Health, gave a presentation on Teaching versus Learning. I have a copy of this presentation if anyone is interested. Why the change? The instruction paradigm rests on conceptions of teaching that are increasingly recognized as ineffective. Instruction offers courses and programs. Learning creates powerful learning environments.

July Birthdays

J. Todd Milledge	pediatric dentistry
Leroy Leggitt	orthodontics
Pablo Carrillo	clinic supply
Vivian Davis	dental records
Joseph Melgoza	sterilization
Kenneth Seipp	volunteer/ed support
Evie Roach	dental records
Kris Wilkins	dental hygiene
Ken Pierson	dental maintenance
Debi Gerger	dental hygiene
Kellie McNeil	pediatric dentistry
Trini Briano	housekeeping
Mary Melki	Patient business
Jody Nichols	on call operator
Andrew Yakush	computer services
Lindsey Troia	radiology
Sharyl Smith	Ctr. Dental Research
Cheryl Ford	periodontics
Jennifer Christian	clinic
Shelley Slater	periodontics
Dee Scheuerman	restorative
Katherine Jimenez	dental records
Donna Roath	Faculty Dental Office
Ada Beltran	implant dentistry
Albert Rodriguez	oral surgery
Geraldine Hernandez	dental anesthesia
Paula Williams	periodontics
Mick Ilich	dental lab services
Maria Elena Melgoza	implant dentistry
Antonio Garcia	central sterilization
Ruthy Goodacre	prosthodontics / anes.

SAC-Norton needs volunteers

SAC Health System is Loma Linda University's mission endeavor in its own back yard. The dental clinic is located in the medical facility of the former Norton Air Force Base, which was given to Loma Linda University by the federal government to provide service to the underserved population of the Inland Empire. In addition to the staff of full-time dentists, volunteers are needed. Also, dental hygienists are needed, who can volunteer some of their time. Most of the patients the clinic serves are underprivileged and financially challenged, and all are very appreciative of the help they receive.

SAC-Norton Dental Clinic has 18 fully equipped chairs, half of which are not being used. The clinic could use volunteer help on a regular, scheduled basis, or as fill-in to cover for staff dentists on vacation. Also there is a need for dental specialists who would be willing to commit to a regular volunteer schedule and establish specialty clinics for those patients in need of specialized care and have no access to such care.

Please call the dental clinic at (909) 382-7120 for a tour and introduction to the clinic and the needs there. You can be assured that after working a day in the SAC-Norton Dental Clinic, your neck may be tired, but your heart will be glowing! -- Ron Fritz, SD'72, MPH.

Dentalgram

Deadline

25th of each month

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Christy K. Robinson

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Evie Roach
Kena Shaddox
Florence Wetmore

Dentalgram on the Web:

<http://www.llu.edu/llu/dentistry/news.html>

Urgent Care: "We've got it down!"

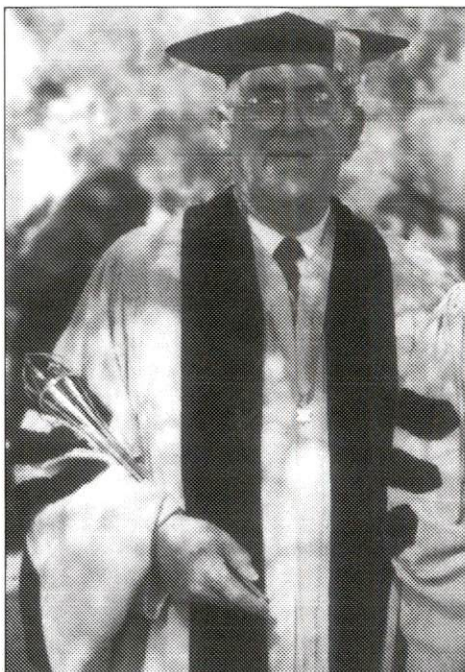
by Christy K. Robinson

When one thinks of "urgent care" in a dental school setting, a bad toothache comes to mind, or perhaps a broken tooth. One would expect to receive rapid response to a health emergency if one were in an emergency room or medical clinic, or, if one *must* collapse, have the fortune to do it in front of paramedics.

But when Robert Clement, DDS, director of the clinical services division of the School of Dentistry, collapsed in mid-sentence, he was in the best of all places for his cardiac arrest: in the Urgent Care department of the School of Dentistry.

It happened without warning. He doesn't remember any pain, or when it happened, says his wife, Mary Lou Clement, receptionist/secretary in the School's admissions office. He remembers sliding down the wall. Then nothing.

Dr. Clement had been on his way out of the office at nearly 4:30 on June 2, but had been called back by office staff Gloria Martinez and Mary Della Johnson. As Ms. Johnson conversed with Dr. Clement, she recalls that he just paused in mid-sentence, fell backwards against the wall and slid off the chair. Ms. Martinez dialed 8333, the dental school operator, for help; while Dr. Tony Theodorou loosened



Dr. Clement presided as commencement marshall just three days before his cardiac arrest.

Dr. Clement's shirt and tie and started the assessment; and Ms. Johnson quickly cleared chairs and files in the way of help.

Miriam Yanez was the operator at the time. When the red emergency button on her phone bank lit up, she dropped everything and followed a protocol that includes calling the attending doctor and nurse on duty in the dental surgery center,

and dialing 911 for paramedic or ambulance assistance. In addition, she notified Mary Hartwell, dental clinics manager, who set another peripheral support team in motion. Ms. Yanez also calmly told Mrs. Clement to come downstairs immediately.

"We ran out into the lobby," says Dr. John Khalaf. "Dr. Fernando Muñoz and I got there immediately. When you see someone you know, a professor, it's kind of shocking. When we got there, in about 30 seconds from his collapse, he was blue."

Drs. Khalaf, Muñoz, Audia, Toma, Mower, and Trapp checked Dr. Clement's vital signs, and found him "pulseless."

Ms. Johnson and Ms. Martinez got "a look" from Dr. Khalaf that meant to move Mrs. Clement out of sight because the team didn't want her to see her husband die. They took her around the corner and prayed with her for the next few minutes. Mrs. Clement was repeating, "Come on, Bob, you can do it."

Cindy Adell closed the rolling shutters of the office where all the action was, and started calming the patients and sending them home.

In the lobby and hallway of the Prince Hall, patients, faculty, students and staff

THE LIFE SAVERS

Mary Della Johnson, coordinator in Urgent Care/Screening office.

Gloria Martinez, coordinator in Urgent Care/Screening office.

Cindy Adell, RDA, CDA, Urgent Care/Screening dental assistant.

Anthony Theodorou, SD'64, assistant professor of restorative dentistry.

Miriam Yanez, record analyst in clinic administration, operator.

Larry Trapp, DDS, attending, associate professor of anesthesiology.

Mary Hartwell, dental clinics manager.

Franco Audia, SD'97, oral and maxillofacial surgery resident. Dr. Audia had completed his Advanced Cardiac Life Support training one day earlier.

Rob Mower, SD'98, oral and maxillofacial surgery resident.

David Toma, DMD, visiting resident from Johns Hopkins University.

John Khalaf, SD'97, PG'99, dental anesthesiology resident.

Fernando Muñoz, SD'97, PG'99, dental anesthesiology resident.

Betty Jimenez, RDA, dental assistant in dental surgery center.

Janine Frede, CDA, RDA, OSA, supervisor in oral surgery.

Kelly Kallner, RDA, OSA, dental assistant in oral surgery

Many others, who assisted in crowd control, directed traffic, ran errands, etc.

stood quietly, many of them praying.

"We ran a code," says Dr. Toma. "Dr. Trapp dictated what to do, assigned positions. You match airway, you do compressions, you set up the IV. Dr. Khalaf went for the EKG."

They put the EKG leads on Dr. Clement and found he was "in defib," with what Dr. Khalaf called a flat line.

The crew jump-started Dr. Clement. He went into asystole, and Dr. Audia accessed the first IV line to give medications such as epinephrine and lidocaine, while CPR continued, and a team member documented times, procedures, and amounts of drugs given.

"We shocked him twice," says Dr. Khalaf, "and we started getting a rhythm, and we intubated him. The 911 team had arrived and they waited a few minutes while we finished securing the airway. All this is was confined under a desk in a corner! It made it kind of complex."

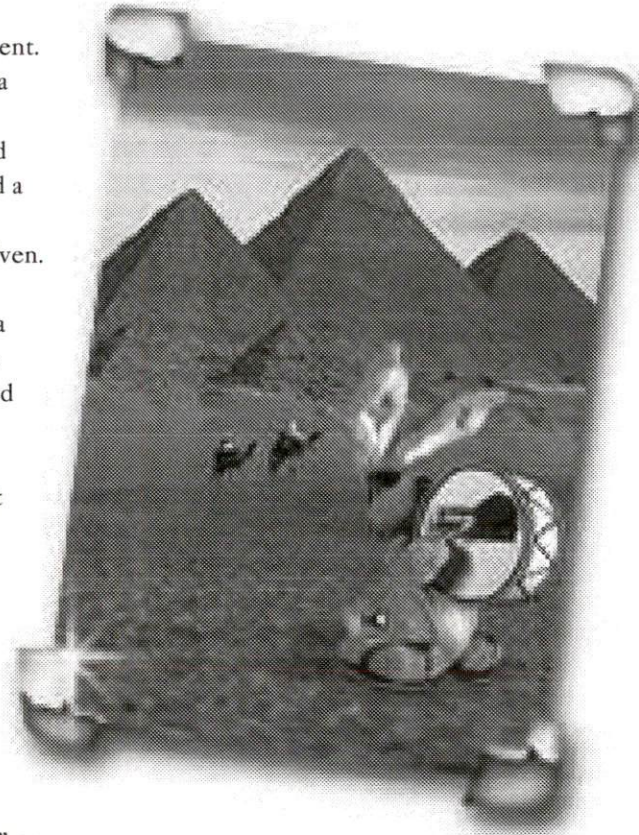
When the emergency medical technicians wheeled Dr. Clement's gurney out to the ambulance, they were providing artificial respiration for him, according to one observer.

He was taken to Loma Linda University Medical Center, and received a "pacemaker," an implanted cardioverter defibrillator (ICD), says Mrs. Clement. Dr. Clement was placed on a ventilator for a short time.

Says Dr. Khalaf, "David Toma and I went and saw him, and he was up and talking. It was a great feeling. It was a great experience. If you're in the Medical Center [on a rotation], you see codes, and you just do your part. But when you're calling the shots, it's good to have a lot of hands there. You're doing your own thing, but part of a team."

Gloria Martinez remembers, "Mary Della and I agree that the angels were watching over him. Dr. Clement tried

twice to leave here after screening, but we needed to talk to him. He could have been going up the elevator or out in the parking lot, and he could have been alone [when his heart stopped]. He was where he needed to be. The residents were here. He was here in the perfect place and time."



"The School of Dentistry, through their effort, saved Bob's life," says Mary Lou Clement. "It is a miracle and we walk among angels here on earth. This all happened in the fashion it did, because of God's will. It *had* to be God's hand."

From the staff to the doctors, no one realizes how awesome this team is!" says Janine Frede, oral surgery supervisor, who documented procedures.

Dr. Muñoz, like every other lifesaver, downplayed his own role, and emphasized that the team effort saved Dr. Clement's life. He says that they did what they were

trained to do.

Another staffer, commenting on the rapid, effective response of emergency personnel, said, "We've got it down!"

"They deserve accolades for saving Bob's life," exults Mrs. Clement. "They used the training they had received in an excellent manner. I'm grateful to the CPR team for saving Bob's life. It's a

testament to the quality of their training, the high quality of the postgraduate program, the School, and the team. We owe them Bob's life.

The Medical Center cardiology staff said that the team at School of Dentistry did everything right: they followed CPR protocol and handled an emotional and traumatic situation with great expertise. They said that Dentistry deserved a medal for distinguished service."

Mrs. Clement says that many School of Dentistry family have responded overwhelmingly with prayers, visits, and support for Dr. Clement and herself. "The prayers gave both of us strength."

Dr. Clement's cardiologist has cleared him to return to work in the School of Dentistry, so after a bit more rest, enforced by Mrs. Clement, he was back.

Upon his return, the Urgent Care office staff presented Dr. Clement with an Energizer Bunny, the kind that keeps going, and going, and going...

Dental school's masked junk food burglar detained.



by Christy K. Robinson

It's long been well-known that dentists and dental hygienists recommend a low-sugar diet to their patients, to prevent tooth decay. What is little known is that in nearly every School of Dentistry department office there is a tray or dish filled with bagels, donuts, candy, gum, and other snacks. Potlucks and fast food lunches are common, and there's always a cake nearby, celebrating someone's birthday. When pressed on the subject, dentists will sheepishly say that they're just trying to drum up restoration business.

The first sign of a Prince Hall junk food burglar was found June 29, when Amy Meyer, secretary in Dental Records, found her rice/bean/cheese burrito torn to bits all over the counter and desk area. There were dusty footprints on the bookshelf

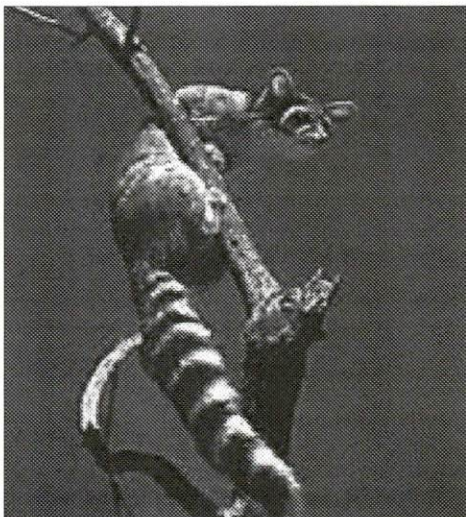


and counter, and all evidence of egress pointed to an open ceiling tile above the desk.

(The Dental Records office is in the center suite of Prince Hall's second floor.)

A live trap was laid in first floor's Dental Maintenance. In the small trap was placed a delicious piece of frosted chocolate cake, and left overnight on Wednesday. On Thursday, lo and behold, the cake was gone, but the trap wasn't sprung. On Friday, Jim Redfield and Chuck Yetter, director and assistant director of dental maintenance, baited the trap with two chocolate donuts. This time, the donuts were placed in a mesh bag, tied to the inside of the trap/cage. The cage was placed on a work bench in the dental maintenance shop.

On Monday, July 5, Chuck came to work



and found a creature hissing and shrieking inside the cage, which had rolled off the deck and onto the floor.

The animal looked like a fat weasel, or a skinny raccoon, with the face of a fox. Definitely not your garden variety possum or skunk.

Chuck gave the animal some bits of donut, and poured some water into the cage to hydrate the agitated critter.

Early on Tuesday, July 6, he called the city of Loma Linda's animal control officer, Kathy Sorrells, who took the animal into custody, and booked it for illegal immigration. Well, actually, she took it to San Bernardino's animal shelter for treatment of its serious



wounds, bruises and a cut face, sustained during its attempted escape of the trap.

No one knew what the animal was until

Ms. Sorrells looked it up on the Internet, although there was some guessing that it could be a coati mundi.

It was a ringtail cat, which is not a cat at all, but related to the raccoon. It's native to Arizona, where it lives a secluded, nocturnal life, and is rarely seen. Ringtails eat small rodents, insects, fruits and berries.

(Apparently also burritos and donuts.) The "cat" surname was added by pioneer miners who domesticated them for mousers. A few have been found in Baja California, and this one could have come from Loma Linda's south hills or the San Timoteo Canyon area; but because ringtails are so rare here, Ms. Sorrells speculates that this one hitched a ride from Arizona in a recreational vehicle. It is definitely wild, she says, and not a domestic pet.

How did it get into the building? Possibly from the construction site, says Chuck. Being a natural contortionist, the ringtail traveled



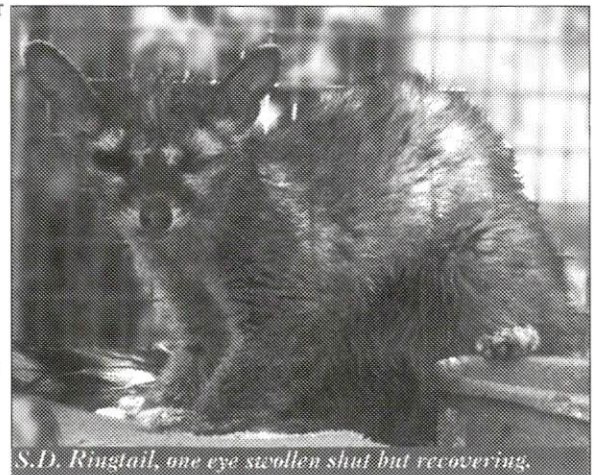
*The ringtail cat, **bassariscus astutus**, Arizona's state mammal. Below: a baby ringtail.*



through narrow walls and floor spaces.

The campus is lively with unauthorized creatures. Burden Hall, for instance, is home to very bold rats, who sneak snacks when they can, even trying to pry snap tops off peanut jars. Chuck suggests that if we keep food in the offices, it should be in refrigerators. (Possibly hanging bear caches!)

The little ringtail cat survived its capture, and was scheduled for rehabilitation by Wildlife Waystation and possible reintroduction to the wild (chocolate-free and donut-less) rocky creeks that ringtails prefer.



S.D. Ringtail, one eye swollen shut but recovering.