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YOLO COUNTY'S HEALTH

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FEB 26 1968

LAURENCE P. HENIGAN, Clerk

By *Laurence P. Henigan*
Deputy

1967

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YOLO COUNTY ARCHIVES

Box 105
North Davis, California

COUNTY OF YOLO

Woodland, California

YOLO COUNTY HEALTH DEPARTMENT

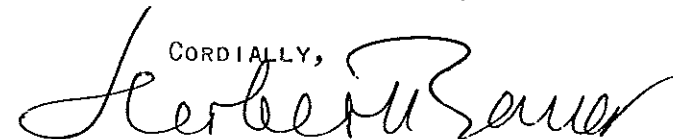
HERBERT BAUER, M.D., M.P.H.

Public Health Director

DEAR FRIEND:

THERE IS SOME TV JINGLE WHICH GOES ABOUT LIKE THIS: "THEY'VE GIVEN HIM A NUMBER AND TAKEN AWAY HIS NAME". MANY PEOPLE STILL THINK THAT THIS IS THE WAY A HEALTH DEPARTMENT OPERATES; WE HOPE THAT THE FOLLOWING FEW PAGES WILL DISPEL ANY SUCH NOTION. WHILE THE COMMUNITY AS A WHOLE MAY BE CONSIDERED OUR "PATIENT", PERSONS COMING TO THE HEALTH DEPARTMENT ARE USUALLY NOT "SICK". THE ESSENCE OF PUBLIC HEALTH IS PREVENTION AND INTERVENTION. PLEASE LOOK THROUGH OUR PROGRAM AND LET US KNOW WHAT YOU THINK OF IT.

CORDIALLY,



HERBERT BAUER, M.D.
PUBLIC HEALTH DIRECTOR AND
DIRECTOR OF MENTAL HEALTH

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VITAL STATISTICS



LIFE IN YOLO COUNTY BEATS DEATH BY A HEALTHY SCORE OF 2 TO 1, WITH 980 BIRTHS AND 512 DEATHS REGISTERED DURING 1967. THE CAUSES OF LIFE HAVE SO FAR DEFIED HUMAN INQUIRY, BUT THE CAUSES OF DEATH CAN BE CLASSIFIED UNDER THE NASH SYSTEM: NATURAL, ACCIDENTAL, SUICIDE, HOMICIDE. HERE IS YOLO COUNTY'S NASH TABULATION OF THE TEN

LEADING CAUSES OF DEATH FOR 1967.

<u>CAUSE</u>	<u>1967</u>	<u>FIVE YEAR MEAN</u>
HEART DISEASE	261	242
CANCER	75	65
ACCIDENTS	63	63
PNEUMONIA & INFLUENZA	21	38
ALCOHOLISM	17	8
DISEASES OF EARLY INFANCY	17	27
SUICIDE	12	10
CIRRHOSIS OF THE LIVER	11	8
NEPHRITIS	3	4
HOMICIDE	3	4

HEART DISEASE ACCOUNTED FOR HALF OF THE DEATHS, BUT THIS IS NOT ENOUGH. AT OUR STAGE OF MEDICAL DEVELOPMENT, DEATH UNDER 65 YEARS OF AGE MUST BE CONSIDERED PREMATURE. WHILE IT IS GRATIFYING TO NOTE THAT CONSIDERABLY MORE THAN HALF OF OUR TOTAL DEATHS OCCURRED PAST THE AGE OF 65, WE MUST STRIVE TO GIVE THE REST OF US AN EQUAL CHANCE. IN OTHER WORDS, IT MUST BE OUR ENDEAVOR TO PREVENT DEATH AT AN EARLIER AGE, SO THAT EVERYBODY'S HEART MAY STOP ONLY AFTER A LONG AND USEFUL LIFE. IDEALLY SPEAKING, DEATH FROM HEART FAILURE SHOULD BE 100%.

CANCER HAS CLAIMED ABOUT THE SAME NUMBER OF VICTIMS EACH YEAR IN SPITE OF YOLO COUNTY'S GROWING POPULATION.

DEATH RATES FROM CANCER AFFECTING EASILY ACCESSIBLE PARTS OF THE BODY ARE RELATIVELY LOW; MOST CANCER DEATHS OCCURRED FROM THE KINDS OF CANCER WHICH ARE HARD TO FIND AND EVEN HARDER TO TREAT. FOR INSTANCE, ONLY ONE DEATH FROM CANCER OF THE CERVIX WAS REPORTED AND THIS LOW RATE IS UNDOUBTEDLY DUE TO THE WIDESPREAD USE OF "PAP SMEARS". OUR HEALTH DEPARTMENT ALONE DID MORE THAN 1,000 SUCH EXAMINATIONS DURING THE YEAR; AND THIS TEST IS USED ALMOST UNIVERSALLY IN PRIVATE PRACTICE. BY CONTRAST, 14 PEOPLE DIED FROM LUNG CANCER, MAKING THIS THE MOST FREQUENT CANCER SITE. THE TIME TO START SMOKING IS NEVER, THE TIME TO QUIT IS NOW; THE LUNG YOU SAVE MAY BE YOUR OWN.

ACCIDENTS IN YOLO COUNTY CONTINUE TO KILL PEOPLE AT A FRIGHTENING RATE AND ALL EFFORTS TO REDUCE THE SLAUGHTER ON OUR HIGHWAYS HAVE BEEN LARGELY UNSUCCESSFUL. THIS WILL CONTINUE UNTIL AN IRATE CITIZENRY WILL FINALLY PROMOTE LAWS TO REVOKE THE DRIVER'S LICENSE OF DRUNK AND RECKLESS DRIVERS FOR LIFE, IMPOUND THEIR CARS, AND LET THEM WALK INSTEAD.



PNEUMONIA AND INFLUENZA SHOWED FURTHER DECLINE AND, LIKE MOST OTHER INFECTIOUS DISEASES, WILL HOPEFULLY EVENTUALLY BE ELIMINATED FROM THE LIST OF LEADING CAUSES OF DEATH.

ALCOHOLISM IS DEFINITELY ON THE UPSWING AND CALLS FOR PROMPT INSTITUTION OF CONTROL MEASURES. PEOPLE BEGIN TO DRINK THEMSELVES TO DEATH AT A VERY EARLY AGE AND SOME OF THEM FINISH THE JOB DURING THE SECOND DECADE OF THEIR LIFE. ALCOHOLISM IN YOLO COUNTY IS PERHAPS THE MOST PRESSING PUBLIC HEALTH PROBLEM; IT BECOMES IMPERATIVE TO CHANGE OUR PRESENT SYSTEM OF DETENTION AND DRYING-OUT TO ONE OF PREVENTION AND TREATMENT.

DISEASES OF EARLY INFANCY SHOWED SOME DECLINE SO THAT BABIES BORN IN YOLO COUNTY HAVE AN EXCELLENT CHANCE

TO OVERCOME THE MOST DANGEROUS PERIODS OF THEIR LIFE AND CELEBRATE THEIR FIRST BIRTHDAY.

SUICIDE IS STILL A MATTER OF GREAT CONCERN FOR ALL OF US: 9 MEN AND 3 WOMEN, MOST OF THEM OF MIDDLE-AGE, CHOSE TO END THEIR LIVES VOLUNTARILY. VOLUNTEERS STAFFING OUR SUICIDE PREVENTION SERVICE ARE ON CALL DAY AND NIGHT TO RESPOND TO A DESPONDENT PERSON'S CRY FOR HELP. WHEN YOU DIAL 756-5000 YOU WILL FIND A FRIEND READY TO LISTEN AND, IF NEEDED, TO ACT.

CIRRHOSIS OF THE LIVER IS OFTEN ONLY A SYNONYM FOR CHRONIC ALCOHOLISM WITHOUT THE WORD ALCOHOL BEING MENTIONED ON THE DEATH CERTIFICATE SO THAT THE TWO MUST BE LISTED SEPARATELY. THIS CAUSE FINISHED ANOTHER 11 LIVES LAST YEAR IN ADDITION TO THOSE LISTED AS OUTRIGHT ALCOHOLIC DEATHS.



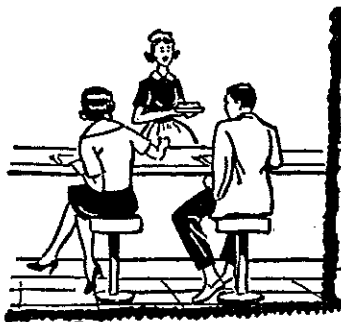
NEPHRITIS STILL CLAIMS A SMALL NUMBER OF VICTIMS EACH YEAR, YET THIS DISEASE NO LONGER POSES A GREAT THREAT TO OUR POPULATION.

HOMICIDE ENDS THE LIST: TWO MEN WERE SHOT AND ONE WOMAN STABBED TO DEATH. SUCH FATALITIES ARE OFTEN PREVENTABLE AND CANNOT BE SHRUGGED OFF WITH A POLITE STATEMENT THAT "VIOLENCE IS PART OF MAN'S NATURE".

SANITATION

LIKE MOST OTHER PUBLIC HEALTH WORKERS, OUR SANITATION STAFF MUST LIST AS THEIR MAIN ACHIEVEMENTS ALL THE BAD THINGS THAT COULD HAVE HAPPENED BUT DIDN'T. THIS MAY NOT BE A SPECTACULAR WAY OF PRESENTING THEIR CASE, PARTICULARLY SINCE MOST PEOPLE HAVE BECOME SO ACCUSTOMED TO THE BENEFITS OF ENVIRONMENTAL SANITATION THAT THEY SIMPLY TAKE THE RESULTS FOR GRANTED. YET THE LIST OF ENVIRONMENTAL MISHAPS WHICH DID NOT OCCUR IN OUR COUNTY DURING THE YEAR IS IMPRESSIVE JUST THE

SAME: OUR FOOD WAS NOT CONTAMINATED WITH INSECTICIDES SO THAT TRAGEDIES SUCH AS THE ONE WHICH RECENTLY OCCURRED IN MEXICO WERE THEREBY AVERTED. OUR COMMUNITY WATER SUPPLY DID NOT BECOME CONTAMINATED SUCH AS WAS THE CASE IN TWO OTHER COUNTIES IN THE STATE. THERE WAS ONLY ONE SIGNIFICANT FOOD POISONING EPISODE, AND INFECTIOUS HEPATITIS REMAINED UNDER CONTROL. VACCINATION AGAINST RABIES REMAINS A STRICTLY ENFORCED ORDINANCE AND NO RABID DOG WAS ENCOUNTERED ALTHOUGH YOLO COUNTY IS INCLUDED IN A CLUSTER OF COUNTIES DESIGNATED AS RABIES-ENDEMIC AREA. DURING THE YEAR, 534 ANIMALS, MOSTLY DOGS, BIT PEOPLE AND HAD TO BE EXAMINED. RODENT CONTROL CONTINUES AND THERE WAS NO INCIDENCE OF PLAGUE OR TYPHUS. MILK PASTEURIZATION IS RIGIDLY SUPERVISED AND THERE WAS NO OUTBREAK OF UNDULANT FEVER, Q FEVER, OR OTHER MILK-BORNE DISEASES. WE TRY TO PREVENT OVERCROWDING IN HOUSING FACILITIES TO AVOID THE KIND OF MENINGITIS WHICH IS OFTEN FOUND IN MILITARY INSTALLATIONS. HOUSING INSPECTION INCLUDES CAREFUL SEARCH FOR FAULTY VENTILATION AND THERE WAS NO SINGLE DEATH FROM CARBON MONOXIDE POISONING. WE COOPERATE CLOSELY WITH THE MOSQUITO ABATEMENT DISTRICT AND NEITHER MALARIA NOR ENCEPHALITIS HAVE POSED ANY SIGNIFICANT THREAT TO OUR POPULATION. WE COOPERATE WITH THE PORT OF SACRAMENTO IN ENFORCING PORT REGULATIONS REGARDING RODENT CONTROL, GARBAGE, TRASH, AND SEWAGE DISPOSAL ON FOREIGN AND DOMESTIC SHIPS.



A CONCERTED EFFORT WAS MADE DURING THE YEAR THROUGHOUT THE ENTIRE COUNTY TO REPAIR SUBSTANDARD HOUSING AND TO DESTROY RENTAL PROPERTY WHICH IS BEYOND REPAIR AND CANNOT BE BROUGHT UP TO ACCEPTABLE STANDARDS. THE RESPONSE OF PROPERTY OWNERS WAS GENERALLY VERY GRATIFYING SO THAT AT YEAR'S END A MUCH SMALLER NUMBER OF HOUSING REPAIR PROBLEMS REMAIN TO BE SOLVED. WE ARE PARTICULARLY PLEASED TO NOTE THAT SO FAR WE HAVE BEEN ABLE TO EFFECT NECESSARY REPAIRS BY FRIENDLY PERSUASION AND WITHOUT RECOURSE TO LEGAL ACTION. WE CAN ONLY HOPE THAT THE REMAINING PROBLEMS CAN BE SETTLED IN THE SAME MANNER.



ONE MEMBER OF OUR SANITATION STAFF DEVOTES HIS FULL TIME TO THE SANITATION PROGRAM OF OUR MIGRANT LABOR PROJECT. HIS TASK IS TO IMPROVE THE SANITARY STANDARDS OF SEASONAL AGRICULTURAL WORKERS, BE THEY SINGLE MEN OR WHOLE FAMILIES. HIS EFFORTS CONCERN MAINLY HOUSING, FIELD SANITATION, WATER SUPPLIES, WASTE DISPOSAL, FOOD PREPARATION, VECTOR CONTROL AND HEALTH EDUCATION. WE ENJOY THE COOPERATION OF OUR AGRICULTURAL COMMISSIONER, THE DIVISION OF HOUSING, AND THE LOCAL FARM BUREAU. ALL IN ALL, WE TRY TO PRACTICE THE THREE E'S OF SANITATION: EDUCATION, ENGINEERING, AND ENFORCEMENT.

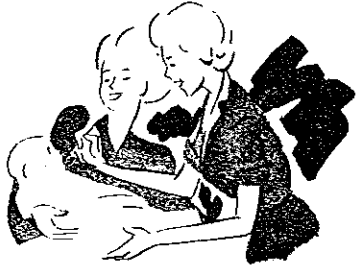
LABORATORY

DURING 1967 OUR LABORATORY EXAMINED 9,678 SPECIMENS WITH A TOTAL NUMBER OF 11,721 EXAMINATIONS. AIR SANITATION, WATER, AND MILK STAND NUMERICALLY IN FRONT, LABORATORY TESTS FOR SYPHILIS AND GONORRHEA COME NEXT. A LARGE NUMBER OF TESTS FOR TUBERCULOSIS ARE PERFORMED REGULARLY. SEARCH FOR PARASITES REQUIRED A CONSIDERABLE NUMBER OF TESTS. RH EXAMINATIONS AND PREGNANCY TESTS ACCOUNT FOR A FEW HUNDRED MORE. THE REST CONCERNS SUCH ROUTINE SERVICES AS THROAT CULTURES, ENTERIC INFECTIONS, RABIES EXAMINATION AND FUNGI.

IN ADDITION TO SUCH LABORATORY PROCEDURES, OUR PUBLIC HEALTH LABORATORY IS ALSO IN CHARGE OF TAKING AND DEVELOPING X-RAY PICTURES OF THE CHEST. THE TOTAL FOR THE YEAR AMOUNTED TO 5,478. MANY PHYSICIANS AVAIL THEMSELVES OF OUR LABORATORY SERVICES, AND AS OUR LATEST PIECE OF EQUIPMENT WE PROUDLY DISPLAY A FLUORESCENT MICROSCOPE WHICH WILL HELP US PARTICULARLY IN THE DIAGNOSIS OF RABIES, SYPHILIS AND TUBERCULOSIS.



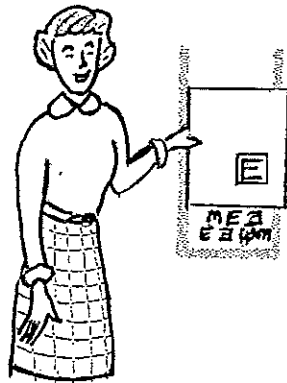
PUBLIC HEALTH NURSING



IF WE WANTED TO DESCRIBE THE ACTIVITIES OF OUR NURSING DIVISION IN MERE FIGURES, WE COULD SIMPLY ENUMERATE THE MORE THAN 12,000 PATIENT CONTACTS DURING THE YEAR, MORE THAN 5,000 PRESCHOOL CHILDREN IN OUR CHILD HEALTH CONFERENCES, MORE THAN 14,000 IMMUNIZATIONS, MORE THAN

18,000 PERSONS IN GENERAL CLINICS, AND SO FORTH; BUT AS WE ALL KNOW, FIGURES DON'T TELL THE STORY AND IT MIGHT BE WELL TO SAMPLE A FEW SPECIFIC ITEMS FROM THE AVERAGE WORK DAY OF A PUBLIC HEALTH NURSE. PERHAPS THE MOST IMPORTANT PROGRAM POINT IS THAT OUR NURSES CONTINUE TO RENDER BEDSIDE NURSING SERVICES IN THE HOME SINCE OUR NURSING DIVISION WAS RE-CERTIFIED AS A HOME HEALTH AGENCY AND LICENSED FOR ANOTHER YEAR. AN ADVISORY BOARD REPRESENTING A CROSS SECTION OF OUR POPULATION WAS APPOINTED BY THE BOARD OF SUPERVISORS TO ASSIST US IN PROGRAM DEVELOPMENT. CLOSE TO 1,000 VISITS TO HOMEBOUND PATIENTS WERE RENDERED DURING THE YEAR. A LIAISON NURSE FROM THE HEALTH DEPARTMENT ASSISTS THE PRIVATE AND PUBLIC HOSPITALS IN IDENTIFYING PATIENTS WHO WILL REQUIRE HOME NURSING CARE FOLLOWING THEIR DISCHARGE.

EXAMPLES OF OUR EXPANDING NURSING ACTIVITY ARE THE JOINT RESPONSIBILITY OF OUR PSYCHIATRIST AND A PUBLIC HEALTH NURSE IN HOLDING PSYCHIATRIC AFTER-CARE CLINICS; AN AMBLYOPIA SCREENING DAY WHICH WAS HELD IN COOPERATION WITH BETA SIGMA PHI SORORITY CHAPTERS, AND "END MEASLES SUNDAY" ON WHICH OUR NURSES HELPED TO PROTECT 1,700 CHILDREN. THANKS ARE DUE TO THE COUNTY MEDICAL SOCIETY AND TO THE MANY OTHER



VOLUNTEERS WHO MADE THIS IMPORTANT COMMUNITY SERVICE POSSIBLE.



THERE WAS ALSO INCREASED COOPERATIVE ACTIVITY AMONG VARIOUS NURSING GROUPS IN OUR COUNTY. JOINT INSERVICE PROGRAMS WERE HELD, MUTUAL VISITS WERE ARRANGED WHEREBY OUR NURSES OBSERVED PROCEDURES IN LOCAL HOSPITALS AND IN TURN WELCOMED INSTITUTIONAL NURSES TO THE HEALTH DEPARTMENT. PUBLIC HEALTH NURSES NOW PARTICIPATE IN INSPECTION VISITS OF HOSPITALS AND NURSING HOMES AND THE GROUNDWORK HAS BEEN COMPLETED TO ESTABLISH REGULAR NURSING ROUNDS IN HOSPITALS, CONVALESCENT HOMES AND HEALTH DEPARTMENT TO SHARE KNOWLEDGE OF MODERN NURSING CARE.

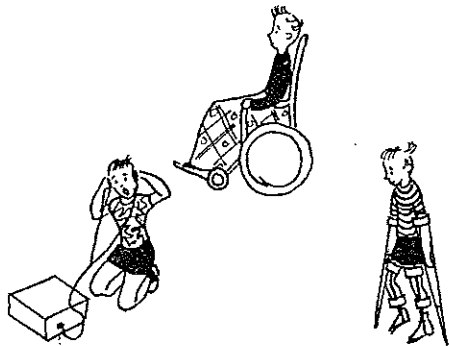
SOME NURSES WERE GIVEN SPECIFIC LIAISON ASSIGNMENTS SUCH AS TO KEEP IN TOUCH WITH OUR PSYCHIATRIC PATIENTS HOSPITALIZED AT DEWITT STATE HOSPITAL, WITH OUR TUBERCULOUS PATIENTS AT WEIMAR MEDICAL CENTER, WITH HOSPITALS AND NURSING HOMES IN THE COUNTY, AND ONE OF OUR NURSES WAS ELECTED RURAL HEALTH CHAIRMAN BY THE LOCAL DISTRICT OF THE CALIFORNIA FARM BUREAU.

INTERNAL CHANGES IN THE NURSING DIVISION INCLUDE THE ESTABLISHMENT OF A PROFESSIONAL PERFORMANCE COMMITTEE AND FULLER PARTICIPATION IN POLICY DETERMINATION, PROGRAM AUDITS OF NURSING RECORDS, RE-WRITING OF NURSING MANUALS, REORGANIZATION OF CHILD HEALTH CONFERENCE STRUCTURE AND PARTICIPATION IN TRAINING SESSIONS TO IMPROVE SKILLS IN GROUP WORK AND INCIDENTALLY, TO LEARN SPANISH.

INITIAL DIFFICULTIES WITH OUR IBM TABULATING SYSTEM WERE CORRECTED WITH THE GRACIOUS HELP OF OUR COUNTY AUDITOR AND HIS STAFF. SOME INTERNAL ACCOUNTING PROCEDURES STILL REMAIN TO BE STRAIGHTENED OUT. A CONSIDERABLE HANDICAP HAS BEEN OUR INABILITY TO FILL

THE EXISTING VACANCY FOR A PUBLIC HEALTH NURSING SUPERVISOR SO THAT THE NURSING DIRECTOR ACTUALLY HAD TO COVER BOTH POSITIONS FOR THE GREATER PART OF THE YEAR. THE REASONS ARE ALWAYS THE SAME: SHORTAGE OF QUALIFIED PUBLIC HEALTH PERSONNEL AND RELATIVELY LOW SALARIES. HOWEVER, TO CLOSE WITH A PLEASANT NOTE, AT LEAST OUR STAFF NURSES DID RECEIVE A SUBSTANTIAL INCREASE IN THEIR COMPENSATION.

CRIPPLED CHILDREN SERVICES



BY GOOD LUCK AND CAREFUL MANAGEMENT WE WERE ABLE TO CONTINUE THIS HIGHLY IMPORTANT PROGRAM WITHOUT HAVING TO DENY ESSENTIAL MEDICAL SERVICES TO HANDICAPPED CHILDREN AS HAD TO BE THE CASE IN SOME OTHER COUNTIES OF THE STATE. THE DEEP BUDGETARY

SLASHES IN CERTAIN STATE-FINANCED MEDICAL PROGRAMS HIT CRIPPLED CHILDREN SERVICES PARTICULARLY HARD IN SOME AREAS. THE MINIMAL MANDATORY ASSESSMENT OF COUNTIES FOR THIS PROGRAM IS MATCHED BY STATE FUNDS IN A RATIO OF 2 TO 1, 2 STATE DOLLARS FOR EVERY COUNTY DOLLAR. IN YOLO COUNTY WE WERE ABLE TO CLOSE 169 CASE RECORDS AFTER COMPLETION OF TREATMENT, AND ADMIT ANOTHER 174 CHILDREN TO THE SERVICE. MOST HANDICAPPING CONDITIONS REQUIRING SPECIALIZED TREATMENT WERE ORTHOPEDIC DEFORMITIES, HEART DISEASE, FAULTY VISION AND HARD-OF-HEARING PROBLEMS.

OUR PHYSICAL THERAPIST AND OCCUPATIONAL THERAPIST, THROUGH THE GOOD OFFICES OF ELKS' MAJOR PROJECT, COVERED MORE THAN 10,000 MILES EACH TO MAKE SEVERAL HUNDRED HOME VISITS TO 37 YOLO COUNTY CHILDREN HANDICAPPED BY CEREBRAL PALSY.

IT IS INDEED A TRAGEDY OF OUR CIVILIZATION THAT THE MOST AFFLUENT SOCIETY ON EARTH IS PREPARED TO SPEND UNTOLD BILLIONS TO MAKE THE FIRST TRIP TO THE MOON AND AT THE SAME TIME ALLOWS CHILDREN TO GROW UP WITH

SQUINTY EYES, DEAFENED EARS, AND CROOKED TEETH. WE REALIZE TO THE FULLEST EXTENT THAT "YOU HAVE GOT TO START SAVING SOMEWHERE", BUT WE QUESTION IF SICK CHILDREN ARE THE BEST PLACE TO START AND IF DENYING THEM THE BEST MEDICAL TREATMENT AVAILABLE IS A SAVING OF WHICH TO BE PROUD. ALL WE CAN DO IS TO CONTINUE OUR EFFORTS TO COMFORT THE DISTURBED, EVEN AT THE RISK OF DISTURBING THE COMFORTABLE.

FAMILY PLANNING



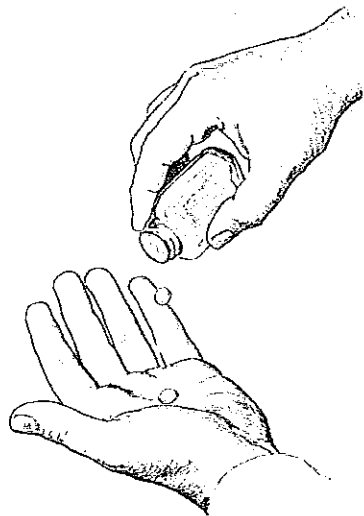
THIS ROUTINE PART OF OUR PUBLIC HEALTH PROGRAM IS DESIGNED TO ASSIST COUPLES IN DETERMINING THE SIZE OF THEIR FAMILY. HOWEVER, THE SERVICE IS BY NO MEANS CONFINED TO CONTRACEPTIVE ADVICE. CONSIDERABLE TIME IS SPENT IN EACH CASE TO DISCUSS PROBLEMS OF EMOTIONAL STABILITY, MARITAL, PRE-MARITAL, OR EXTRAMARITAL DIFFICULTIES, AS WELL AS OF SEXUAL HYGIENE. IN ADDITION, ALL WOMEN ADMITTED TO THE SERVICE RECEIVE PAP

SMEARS REGULARLY AND NO LESS THAN 44 OF THEM HAD TO BE REFERRED FOR FURTHER EXAMINATION AND TREATMENT ON BASIS OF THIS SCREENING TEST FOR CERVICAL CANCER. IN SOME INSTANCES SUCH EXAMINATIONS ALSO HELP US IN VD CASE-FINDING SINCE IN SELECTED CASES LABORATORY TESTS FOR SYPHILIS AND GONORRHEA ARE INCLUDED. WE HAVE NO ILLUSIONS THAT THIS LIMITED LOCAL PROGRAM CONTRIBUTES IN ANY SIGNIFICANT WAY TO WORLD-WIDE POPULATION CONTROL, BUT WE DO HOPE THAT IN A SMALL WAY THIS SERVICE MAY CONTRIBUTE TO THE HEALTH AND HAPPINESS OF THOSE CONCERNED.

TUBERCULOSIS

THERE ARE AN ESTIMATED 25,000,000 PEOPLE IN THIS COUNTRY WHO AT SOME TIME IN THEIR LIVES HAVE BEEN INFECTED WITH TUBERCULOSIS. OF ALL NEWLY DISCOVERED PATIENTS WITH ACTIVE DISEASE, 80% BELONG TO THIS PREVIOUSLY INFECTED GROUP. CALIFORNIA HARBORS AN ESTIMATED

TENTH OF THE WHOLE GROUP, OR ABOUT $2\frac{1}{2}$ MILLION PEOPLE. BY PROPORTION THIS LEAVES ABOUT 10,000 INFECTED PERSONS IN YOLO COUNTY. AS FAR AS NEWLY DISCOVERED ACTIVE COMMUNICABLE TUBERCULOSIS IS CONCERNED, THERE ARE 5,000 NEW PATIENTS EACH YEAR IN THE STATE. AGAIN, RELATING THIS TO THE PRESENT POPULATION OF YOLO COUNTY, WE ARE ENTITLED TO 23 NEW CASES A YEAR, AND THAT IS EXACTLY WHAT WE FOUND DURING 1967. TO DISCOVER THEM TOOK ABOUT 5,500 CHEST X-RAY PICTURES, OF WHICH MORE THAN 300 NEEDED FURTHER INVESTIGATION, AND ALMOST 3,000 TUBERCULIN SKIN TESTS OF WHICH MORE THAN 200 SHOWED SIGNIFICANT REACTIONS AND NEEDED FURTHER ATTENTION.



THE MAIN STRENGTH OF OUR TUBERCULOSIS CONTROL PROGRAM CONSISTS OF PREVENTIVE MEASURES, MAINLY IN FORM OF PROPHYLACTIC DRUGS. IT MAY BE OF INTEREST TO NOTE THAT AS OF LATE THE NATIONAL TUBERCULOSIS ASSOCIATION HAS ADOPTED STANDARDS OF CHEMOPROPHYLAXIS WHICH COME CLOSE TO THOSE WHICH HAVE BEEN IN EFFECT IN OUR COUNTY DURING THE PAST THREE YEARS. AT THE MOMENT 81 PERSONS UNDER OUR SUPERVISION TAKE PROPHYLACTIC MEDICINE FOR A YEAR OR TWO

AND WILL HOPEFULLY NEVER DEVELOP ACTIVE TUBERCULOSIS.

VENEREAL DISEASES

THE MEGALOPOLIS WHICH WE BUILD FOR OURSELVES CREATES TOGETHERNESS WITH A VENGEANCE. SHORT-ORDER SEX IS INCREASINGLY OFTEN PART OF THE MENU, BUT IS RARELY ACCOMPANIED BY SUFFICIENT INFORMATION ABOUT PREVENTION AND TREATMENT. THE STUPID NOTION THAT "WHAT THEY DON'T KNOW WON'T HURT THEM" IS STILL IN TOO MANY PLACES. WHAT HURTS THEM IS OBVIOUSLY WHAT THEY DON'T KNOW.

THE PRINCIPLE OF "CAVEAT EMPTOR" PREVAILED IN ROMAN LAW WHERE IT WAS THE BUYER'S BUSINESS TO BEWARE AND TO SCRUTINIZE THE VALUE OF THE PURCHASE BEFORE

CONCLUDING THE DEAL. THERE WERE 180 BUYERS IN YOLO COUNTY WHO DID NOT BEWARE. THEY WERE INFECTED WITH GONORRHEA; 54 OF THEM WERE TREATED PRIVATELY, 126 AT THE HEALTH DEPARTMENT. THERE WERE ANOTHER 16 WHO BOUGHT A MUCH MORE DANGEROUS PRODUCT, NAMELY SYPHILIS; 8 OF THEM WERE REPORTED BY PRIVATE PHYSICIANS, THE OTHER 8 CAME TO THE HEALTH DEPARTMENT.

BY "BUYING" WE DO NOT NECESSARILY MEAN THE EXCHANGE OF MONETARY EQUIVALENT. MANY YOUNG PEOPLE ATTEMPT TO BUY FRIENDSHIP BY EXCHANGING SEXUAL GRATIFICATION. HOW MUCH HAPPINESS WAS CREATED IN THE COURSE OF EVENTS WE DO NOT KNOW, BUT WE FERVENTLY HOPE THAT THE 196 VENEREAL INFECTIONS WERE NOT THE ONLY RESULT.

MENTAL HEALTH



THIS WAS THE SECOND FULL YEAR OF OPERATION OF A FORMAL MENTAL HEALTH SERVICE DIVISION WITHIN THE HEALTH DEPARTMENT. SINCE ITS ESTABLISHMENT IN OCTOBER 1965, THE PROGRAM HAS GROWN TO ITS FULL COMPLEMENT OF FOUR PROFESSIONAL STAFF MEMBERS AND REDUCED AGAIN TO TWO THIS PAST FALL. EVEN WITH HALF ITS ALLOTTED STAFF, HOWEVER, THE SERVICE HAS REMAINED IMMEDIATELY AVAILABLE FOR CONSULTATION AND THE SCREENING OF PSYCHIATRIC EMERGENCIES WITHOUT THE DEVELOPMENT OF A BARRIER IN THE FORM OF A WAITING LIST. BY SCREENING PATIENTS WHO WERE CANDIDATES FOR STATE HOSPITAL CARE AND BY ARRANGING FOR EASY ADMISSION OF PATIENTS AT DEWITT, THE STATE HOSPITAL WHICH SERVES THIS COUNTY, WE HAVE EFFECTED A DECREASE IN COURT COMMITMENTS OF 85% AND A DECREASE IN THE TOTAL ADMISSION RATE FOR BOTH VOLUNTARY AND INVOLUNTARY PATIENTS OF 40%. ALTERNATIVE CARE PROVIDED LOCALLY INCLUDES OUTPATIENT CRISIS INTERVENTION AND, FOR SOME, CONTINUING AFTERCARE.

IN ADDITION TO THE DIRECT SERVICES PROVIDED TO SOME 850 NEW OR RETURNING PATIENTS THIS YEAR, ABOUT 40% OF STAFF TIME HAS BEEN DEVOTED TO THE SUPPORT OF OTHER PROFESSIONALS WHO MAKE UP THE NETWORK OF SOCIAL AND

HEALTH SERVICES IN THE COMMUNITY. THE FREEDOM OF THE STAFF TO INTERVENE IN EMERGENCIES HAS BEEN POSSIBLE PRECISELY BECAUSE THIS CONSULTATION HAS ALLOWED MANY PROFESSIONALS TO MANAGE PERSONS IN DISTRESS THEMSELVES WITH THIS ADDITIONAL SUPPORT. PATIENTS HAVE BEEN REFERRED FROM A VARIETY OF SOURCES INCLUDING PHYSICIANS (16%), COURT AND PROBATION (14%), SOCIAL SERVICE AGENCIES (10%), THE SCHOOLS (6%), AND THE GENERAL HOSPITALS (24%).

HOWEVER, PROBLEMS REMAIN: THE MEDICAL AND NURSING STAFFS IN THE LOCAL GENERAL HOSPITAL WHERE MANY ACUTELY MENTALLY ILL PATIENTS HAVE BEEN ADMITTED FOR SHORT STAYS HAVE AT TIMES FELT UNPREPARED TO TREAT PSYCHIATRIC PATIENTS. IN ADDITION, THE NEW LANTERMAN-PETRIS-SHORT LAW WILL REQUIRE LOCAL FACILITIES TO BE AVAILABLE FOR THESE PATIENTS FOR AS LONG AS 17 DAYS. THIS MEANS THAT A LOCAL INPATIENT SERVICE MUST BE ESTABLISHED SOON, OFFERING TREATMENT AT LEAST EQUIVALENT TO THAT AVAILABLE IN STATE HOSPITALS.

WITH OUR FULL SUPPORT, TWO VERY IMPORTANT LAY ORGANIZATIONS HAVE DEVELOPED IN THE COUNTY, THE SUICIDE PREVENTION ANSWERING SERVICE IN DAVIS AND A NEW MENTAL HEALTH ASSOCIATION.

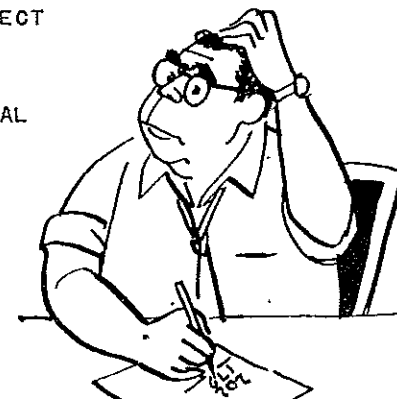
FINALLY, IN FULFILLING THE PROFESSIONAL OBLIGATION OF THE STAFF MEMBERS TO EDUCATE NEW PHYSICIANS AND STUDENTS IN OTHER MENTAL HEALTH DISCIPLINES, A CONTRACTUAL AFFILIATION HAS BEEN ESTABLISHED BETWEEN THE NEW MEDICAL SCHOOL AT THE UNIVERSITY OF CALIFORNIA AT DAVIS AND THE COUNTY WHEREBY THE PSYCHIATRIST BECAME A FACULTY MEMBER BUT AT THE SAME TIME CONTINUES TO CARRY HIS PREVIOUS RESPONSIBILITY AS PROGRAM CHIEF OF OUR MENTAL HEALTH SERVICES.

PROJECTS

"PROJECT" HAS BECOME AN EASY WORD FOR ANY ESSENTIAL PART OF A PUBLIC HEALTH PROGRAM WHICH CANNOT BE FINANCED LOCALLY AND THEREFORE HAS TO BE FUNDED FROM OUTSIDE SOURCES. DEPENDING ON THE INITIATIVE OF THE ADMINISTRATOR AND THE AMOUNTS OF MONEY AVAILABLE, THE NUMBER OF SUCH PROJECTS VARIES FROM PLACE TO PLACE.

IN OUR HEALTH DEPARTMENT THE LIST LOOKS AS FOLLOWS:

THE MIGRANT HEALTH PROJECT PROVIDES ASSISTANCE TOWARD IMPROVEMENT OF HEALTH AND SANITATION OF OUR AGRICULTURAL WORKERS. FROM THIS FUND TWO NURSES, ONE SANITARIAN AND ONE CLERK ARE MAINTAINED ON OUR STAFF.



THE VACCINATION ASSISTANCE PROJECT PROVIDES MEANS TO RAISE THE IMMUNIZATION LEVEL OF PRESCHOOL CHILDREN. ONE NURSE AND ONE CLERK ARE PAID FROM THIS FEDERAL MONEY AND WE ALSO RECEIVE SOME VACCINE DIRECTLY FOR DISTRIBUTION AMONG YOUNG CHILDREN.

OUR HOME NURSING SERVICE RECEIVES A GRANT TO COMPENSATE ONE LIAISON NURSE BETWEEN HEALTH DEPARTMENT AND HOSPITALS, THOUGH THIS CONTRIBUTION FROM THE CANCER SOCIETY WILL COME TO AN END DURING THIS FISCAL YEAR. THE HOME NURSING SERVICE AS SUCH HOWEVER IS A REVENUE RATHER THAN AN EXPENDITURE OF THE COUNTY SINCE HOME NURSING SERVICES ARE REIMBURSED.

A GRANT FROM THE STATE DEPARTMENT OF PUBLIC HEALTH FOR MATERNAL AND CHILD HEALTH SERVICES MAKES IT POSSIBLE FOR US TO ARRANGE GROWTH AND DEVELOPMENT EXAMINATIONS BY WHICH CHILDREN ARE REFERRED TO PARTICIPATING PEDIATRICIANS FOR DISORDERS WHICH REQUIRE SPECIAL ATTENTION AND WHICH ARE NOT COVERED BY CRIPPLED CHILDREN SERVICES. PEDIATRIC FEES AND A QUARTER-TIME OF CLERICAL HELP ARE COVERED BY THIS GRANT.

ANOTHER STATE GRANT CONCERNS CHRONIC ILLNESS AND AGING. THIS PROGRAM IS CLOSELY ALLIED WITH HOME NURSING AND PROVIDES FOR THE SERVICES OF A NUTRITIONAL CONSULTANT AND ANOTHER QUARTER-TIME OF CLERICAL HELP.

A TUBERCULOSIS CONTROL PROJECT AUGMENTS OUR ROUTINE CONTROL SERVICES AND PROVIDES FOR A CONSULTANT TO HOLD REGULAR RESPIRATORY CLINICS IN WHICH PATIENTS

WITH PREVIOUS TUBERCULOSIS AND WITH OTHER RESPIRATORY AILMENTS ARE BEING SEEN AND TREATED.

A SMALL GRANT FOR A CANCER DETECTION PROJECT IS THE CHEAPEST WAY TO SAVE A WOMAN'S LIFE. THIS MONEY IS USED TO PAY FOR PAP SMEARS FOR EARLY DETECTION OF CERVICAL CANCER.

FROM ITS OWN FUNDS, AND WITH THE HELP OF VOLUNTEERS, THE HEALTH DEPARTMENT ASSUMED THE MAIN RESPONSIBILITY FOR THE MEDICAL ASPECTS OF THIS YEAR'S HEAD START PROJECT.

ADMINISTRATION



THE "COME-AND-GET-IT" APPROACH IN PUBLIC HEALTH IS USELESS. "THEY", THE POOR, THE FRIGHTENED, THE ILLITERATE, THE APATHETIC, WILL NOT "COME AND GET IT" JUST BECAUSE WE PUT A NOTICE INTO THE PAPERS INDICATING THAT OUR DOORS ARE OPEN. WE MUST, IF NEEDED, BRING THE SERVICES TO THEIR DOORSTEP. WE MUST LEARN TO SPEAK THEIR LANGUAGE, ACCEPT THEIR HOSTILITY, UNDERSTAND

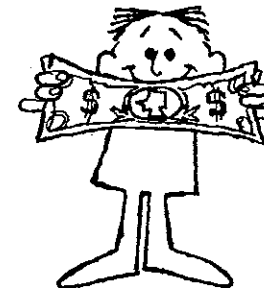
THEIR MISTRUST. WE MUST NOT BE HESITANT IN APPLYING FOR WHAT HAS BEEN CONTEMPTUOUSLY REFERRED TO AS "GHETTO GRANTS" TO IMPROVE HEALTH CONDITIONS IN OUR SLUMS. WE MUST ONCE AND FOR ALL QUIT MORALIZING TO THOSE WHOSE CULTURAL MORES DIFFER FROM OURS. HIPPIES AND ALL OTHER KINDS OF DISSENTERS ARE PART OF OUR POPULATION AND THEREBY OUR EMPLOYERS. WE OWE THEM RESPECT, COMPETENCE, AND DIGNITY, ALTHOUGH THEIR OWN PREPAREDNESS TO RECIPROGATE WITH THE SAME QUALITIES MAY AT TIMES SEEM REMOTE.

TO ACHIEVE THIS, THE PUBLIC HEALTH ADMINISTRATOR OFTEN STRIKES A PRECARIOUS BALANCE BETWEEN INITIA AND INERTIA IN DEALING WITH THE OUTSIDE, AND BETWEEN DIC-TATING AND ABDICATING WITHIN HIS OWN DEPARTMENT.

PL89-749 HAS BECOME A COMMON HOUSEHOLD WORD FOR COMPREHENSIVE HEALTH PLANNING, A BILL RECENTLY ENACTED INTO LAW BY CONGRESS. HOPEFULLY THIS NEW MEASURE WILL HELP TO MOLD THE BITS AND PIECES WHICH NOW COMPRISE SO MANY LOCAL PROGRAMS INTO A MORE UNIFORM ENTITY WITHOUT REGARD TO CATEGORY OF SERVICE OR CATEGORY OF PEOPLE. THIS WAY WE MAY YET BE ABLE TO ADJUST OUR SERVICES TO THE NEEDS OF THE PEOPLE WE SERVE RATHER THAN TO EXPECT THEM TO ADJUST THEIR NEEDS TO THE SERVICES AVAILABLE AT THE MOMENT.

IF ALL THIS SOUNDS LIKE A THRENODY, IT IS NOT MEANT TO. PUBLIC HEALTH ADMINISTRATION IS A HIGHLY EXCITING FIELD AND ONE WITH ALMOST UNLIMITED POTENTIALITIES; PERHAPS WITH THE ONLY EXCEPTION OF MONEY, IT IS HIGHLY REWARDING.

BUDGET



IN SIMPLEST TERMS, THE BUDGET PICTURE FOR OUR DEPARTMENT LOOKS AS FOLLOWS:

YOLO COUNTY BUDGET	\$16,000,000.00	
HEALTH DEPARTMENT	\$344,090.00	
	<u>\$245,590.00</u>	<u>\$98,500.00</u>
	COUNTY	OUTSIDE

THE TOTAL PUBLIC HEALTH BUDGET FOR 1967-68 AMOUNTS TO \$344,090.00. OF THIS THE COUNTY APPROPRIATES FROM ITS GENERAL FUND \$245,590.00. GENERAL ASSISTANCE FUNDS FROM THE STATE SUPPLY \$32,000.00 OF OUR BUDGET AND WE

RECEIVE TOTAL FEDERAL FUNDS OF \$66,500.00. THE FEDERAL GRANTS CAN BE BROKEN DOWN INTO THE FOLLOWING PROJECTS: MIGRANT HEALTH \$36,389.00, VACCINATION ASSISTANCE \$18,517.00, CONTRIBUTIONS FOR LIAISON NURSE AND HOME NURSING \$18,059.00. STATE GRANTS FOR MATERNAL AND CHILD HEALTH, CHRONIC ILLNESS AND AGING, TUBERCULOSIS CONTROL AND CANCER DETECTION AMOUNT TO \$14,274.00.

DISTRIBUTED OVER YOLO COUNTY'S POPULATION THIS MEANS THAT THE TOTAL PUBLIC HEALTH BUDGET PROVIDES FOR \$4.30 PER PERSON OF WHICH \$3.00 ARE DERIVED FROM THE GENERAL FUND OF THE COUNTY. SINCE THE TOTAL COUNTY BUDGET AMOUNTS TO \$16,000,000.00 OR ROUGHLY \$200.00 PER PERSON PER YEAR, THE FRACTION SPENT ON PROVIDING REASONABLY COMPREHENSIVE PUBLIC HEALTH SERVICES MAY BE CONSIDERED MODEST. HOWEVER, BETWEEN WELFARE AND WARFARE, THIS IS THE BEST WE CAN DO.

PERSONNEL



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BETTY PAGE, SENIOR STENOGRAPHER CLERK
ELIN RHYNE, INTERMEDIATE TYPIST CLERK

TYPIST CLERKS

SHARRON BENNETT
SANDRA BROWN
DOLORES M. CAMACHO
KAREN JOURNEY
BETTY JUSTICE
GERTRUDE LORDA
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DOROTHY WALLACE

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ARTHUR WOODWARD, M.D., OTOLARYNGOLOGIST

AFTERTHOUGHT

AN ESTIMATE OF THE PEOPLE WHO ARE SIGNIFICANTLY SICK ON ANY GIVEN DAY IS ABOUT 1%, OR 800 PEOPLE IN YOLO COUNTY. IN COOPERATION WITH PRIVATE MEDICINE IT IS OUR TASK TO KEEP THE REMAINING 99% HEALTHY. PART OF THIS WE TRY TO ACHIEVE BY LOCAL INITIATIVE, WITH LOCAL MONEY AND LOCAL TALENT. SOME OF IT WE DO IN COOPERATION WITH THREE STATE DEPARTMENTS, NAMELY PUBLIC HEALTH, MENTAL HYGIENE, AND SOCIAL WELFARE. ANOTHER PART IS SUPPORTED BY FEDERAL GRANTS. THE NUCLEUS OF OUR PROGRAM CONSISTS OF SPECIFICALLY ASSIGNED RESPONSIBILITIES, AUGMENTATIONS ARE CONSTANTLY ADDED DEPENDING ON THE NEEDS OF OUR COMMUNITIES. ONLY A SMALL PART OF OUR WORK CONSISTS OF LAW-ENFORCING ACTIVITIES, THE REST IS MAINLY HEALTH EDUCATION AND PERSONAL SERVICES. TO DO THIS IS ALWAYS ENJOYABLE BUT NOT ALWAYS EASY. IN ACADEMIC ARGOT: WE DEAL WITH A CHARISMATIC ARGOSY OF ILLTH. IN PLAINER ENGLISH: YOU KEPT US PRETTY BUSY.

GOOD LUCK AND GOOD HEALTH!

YOUR HEALTH DEPARTMENT