

MONDAY

the NOVI NEWS

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MAY 28, 1990

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ER: Card exhibitors and dealers are being sought for a card show scheduled for 10 a.m. to 5 p.m. July 7-8 at the Novi Civic Center. There will be a small fee for participation and proceeds benefitting Novi's Drug Abuse Resistance Education.

Former Tigers Mickey Stanley and Larry Pashnick, as well as other sports celebrities, will be on hand to sign autographs. Interested dealers or collectors should call Novi Police Officer Bob Gatt at 347-0534.

Parking Deck Meeting: The Northville City Downtown Development Authority (DDA) will meet Tuesday morning, May 29 at 8 a.m. to discuss a Main Centre parking deck plan. Under the proposal, the deck would replace the city's current Cady Street parking deck instead of being located on the MAGS parking lot south of the Main Centre project. The proposal was revised following public protest against the MAGS plan in February.

Love that dirty water! Novi is looking for volunteers to pitch in for the 5th annual Rouge River Rescue on Saturday, June 2. Wear your grubbliest clothes, rubber boots and work gloves and sign in at 8 a.m. at the Novi Civic Center's multi-purpose room, where coffee, doughnuts and the day's assignment will be distributed. Novi school buses will take the workers to the river and back to the civic center for a free lunch provided by over 12 local restaurants and stores. Tree limbs, logs and other debris will be hauled from the six miles of the Middle Rouge coursing through Novi. For information, call the Department of Public Works, 347-0495.

Northville rescue: Volunteers are needed for the Northville and Northville Township components of the annual Rouge Rescue project. This year's project will be held on Saturday, June 2, from 9 a.m. to noon. Both Northville and Northville Township will work on the same project this year.

Volunteers should be at least 16 years of age or older unless accompanied by a parent. They should wear work boots, long sleeved shirts, and long pants, if possible. The clothing protects from poison ivy and scratches. Volunteers should report at 8:30 a.m. to the Northville Community Center at 303 W. Main St. to be transported to the site, as parking at the site is extremely limited. Volunteers will assist in breaking up the logjams and removing them so that the flow of the river can cleanse the river by itself. Small hand tools will be available. A lunch will be provided for the workers at the conclusion of the event. Donor restaurants are welcome again this year.

Volunteers are asked to RSVP to Northville Community Recreation (349-0203) prior to May 30 so that proper preparations for the event may be made.

Northville Township Dog Licenses: Township dog owners should be aware that licenses for their pets must be renewed by May 31, according to Nancy Molloy, assistant to the treasurer. Residents must pay the \$5 license fee at township offices and show proof that their dog has received a rabies vaccination, in compliance with the township dog ordinance. Dog owners who have not renewed their license by May 31 will be charged an additional \$2, Molloy said.

Northville Senior Party Tickets: Tickets for the Northville High School Senior Party can be purchased for \$20 by sending a check to Pat Howard, 203 North Ely Drive, Northville. Tickets can also be paid for at the door the night of the party.

Sports Briefs

Mustang sports wrapup: The Mustang boys track squad staged a dramatic come-from-behind dual-meet win over Farmington Harrison on May 23 to secure the program's first winning season since 1977. . . The Northville girls tracksters wrapped up their regular season with a 71-57 defeat against Harrison on May 23. . . By crushing Redford Union 10-0 in a mercy-rule-shortened district qualifying game on May 22, the Mustang softball team advanced to the districts and will take on Livonia Ladywood in the first round. On May 21, Northville topped Westland John Glenn 5-1 in WAAA Playoff action. . . The Mustang baseballers suffered a pair of close defeats last week. On May 21, Plymouth Salem Nipped the locals 1-0 in a WAAA Playoff contest. The next day, Northville fell to Redford Union 5-4 in a district qualifying game.

Wildcat sports wrapup: The struggling Novi baseballers dropped three-of-four games last week. South Lyon ripped the 'Cats 6-1, 9-5 in a doubleheader on May 21 and then the team split a twinbill with Lakeland on May 23, falling in game one 10-5 but winning the nightcap 19-4. . . The Ladycat soccer season officially came to an end on May 21 when Novi forfeited to powerful Livonia Stevenson in a scheduled pre-district match. . . The Novi boys track squad placed fifth in the seven-team Kensington Valley Conference Meet on May 22 in Hartland.

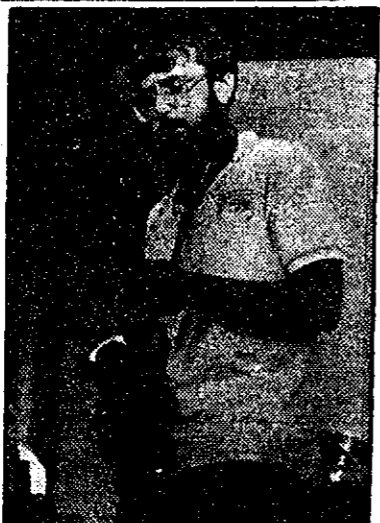
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THIS THURSDAY: Cool sounds are coming your way as we preview hot summer concerts.

Creature Teachers



Living Science Foundation teacher shows off a horseshoe crab for Donna Valente's eighth graders

Photo by CHRIS BOYO

Group puts wilderness in class

By LESLIE PEREIRA
Staff Writer

Dominic Fracassi fell for it instantly.

"Look at those fangs, man!" the seventh grader at Our Lady of Victory School in Northville said incredulously as his bulging eyes followed the movements of the swimming shark.

The two sharp-looking, fang-like features hanging from the shark's mouth were actually "barbels," an instructor quickly assured a disappointed Fracassi. Barbels are sensory organs similar to cat's whiskers.

Fracassi's class huddled excitedly around a portable tank which contained a 4-foot nurse shark and a horseshoe crab as they learned about ocean life through the Living Science Foundation's "hands on" technique.

Founded in 1981 by a disillusioned biology teacher and three others, the Living Science Foundation has changed locations, increased curriculum and expanded greatly since its inception.

Tim Joslyn, trained as a biology teacher, was unable to find a teaching job when he was recruited to start a Battle Creek zoo. While attempting to promote awareness of the new zoo, Joslyn and his partner took the zoo animals into school classrooms.

The response to them and their animals was overwhelming and the basic idea of the Living Science Foundation was born.

"Our goal is to increase the study of science by increasing children's positive experiences with science," Joslyn said.

Joslyn explained that too often children have a negative experience with science either from an animal dissection in a biology course or simply believing they are "dumb" in science.

Their program seeks to combine fun and learning by not forcing children to participate and allowing the students to get as close to the animals as they feel comfortable. For example, with their Burmese python they set up a three-tiered participation plan: students can simply watch and listen, touch the snake's skin or even get a hug from the snake.

"Because of the three choices we get a 90-97 percent (physical) participation rate with the children," Joslyn said.

Joslyn emphasized student participation as a critical element of their program.

"These kids are going to be making decisions on endangered species someday," Joslyn said. "If they have never seen these animals, how are

they going to make informed decisions?"

The growth of the organization has been tremendous: From the founding four employees, the Foundation now employs 20 people. And after visiting 14 schools in the first year, in the 1989-90 school year more than 200,000 children in 550 schools will have had the Living Science experience.

"I like the hands-on approach because it really keeps the kids' interest," said Linda Okasinski, seventh-grade teacher at Our Lady of Victory. The LSF's "Ocean's Edge" program was brought to Our Lady of Victory as a gift from its PTA. The cost of each program is \$50 per class.

In 1985 the Foundation moved to a nondescript building in Novi to be closer to their growing number of Detroit-area clients and is a veritable zoo of both common and unusual creatures. A visitor knows he has reached the right place when greeted in the waiting area by a 20-pound Burmese python lying motionless on the carpet, curled around a water-filled dog bowl. Contained behind the closed doors are chinchillas, prairie dogs, tree frogs, lizards, snakes, sponges, sharks and various other animals which live between their Novi cages, transport boxes and

classrooms throughout the state. A variety of programs featuring different regional habitats and the corresponding animals which live there are offered. Our Lady of Victory opted for the "Ocean's Edge" program which introduces the students to live sea stars, sponges, crabs, shellfish, and, of course, the shark.

"Unless you live by the ocean you don't get to see this stuff," said Donna Valente, eighth-grade teacher at Our Lady of Victory School. "It really brings to life the things they see in their textbook."

In addition to the informational ocean life program, the Foundation also offers "Scaly Survivors" which introduces kids to snakes, lizards, turtles and frogs, "Amazon — The Magnificent Jungle" which features parrots, snakes and other jungle animals, and many other programs for schools or interested groups to choose from.

Additionally the Foundation has branched out to include astronomy classes with a portable planetarium and plans to build an aquarium facility in Novi which will be a "real hands-on place."

"There is a lot of learning that can be fun," Joslyn said. "They are not necessarily antagonistic."

Gypsy moth no threat - for now

By STEVE KELLMAN
Staff Writer

Gypsy moth caterpillars — the very words strike terror into the hearts of New Englanders and central Michiganders alike.

Fortunately for local residents, the furry scourge which can defoliate whole forests in a single summer has not made significant inroads in Wayne and Oakland counties.

But a Michigan Department of Agriculture (DOA) official warns that may change over the next few years.

"It's in a few communities: Beverly Hills, Bloomfield Hills and Bingham Farms," said Carl Dollhopf, the DOA regional supervisor for southeast Michigan. "We're also expecting within the next few years that the large infestation that is in central Michigan will move down here."

"Oakland County got its name from the oaks, so there's plenty of food for them here," he warned.

Gypsy moth caterpillars have long been a threat to forests in the northeast. The caterpillars feed on the leaves of trees and shrubs, particularly oaks, birch and maples. Imported from Asia, the insect was acci-

"We're also expecting within the next few years that the large infestation that is in central Michigan will move down here. Oakland County got its name from the oaks, so there's plenty of food for (gypsy moths) here."

Carl Dollhopf
DOA regional supervisor

dentally released into the environment from a Massachusetts laboratory in 1869. The insect keeps spreading because it has no natural enemies in this country.

The caterpillar can be identified by rows of blue and green dots down its back. It does its greatest damage between May and July. Unlike its less-destructive cousin, the eastern tent caterpillar, the gypsy moth caterpillar does not build tents.

The gypsy moth gets its name from its habit of traveling great distances. As tiny caterpillars, they can be blown by the wind for miles. But they cover even greater distances with the unwitting help of people.

In Highland, for example, DOA of-

ficials have tracked the source of that area's gypsy moth infestation to a wooden shed that a homeowner transported from the East Coast. In Bloomfield Hills, 13 gypsy moth egg masses were found on a clothespin bag that a woman brought from her former home on Cape Cod. A snowmobile trailer in Rochester Hills, which was previously parked in an infested area in central Michigan, has been identified as one of the sources of the gypsy moth there.

"That's where it gets its name; it hitchhikes," Dollhopf said. "It's a gypsy."

Dollhopf urged residents and visitors to the area to examine trailers and items brought back into the area

from infested regions, looking for the buff-colored, velvety egg clusters, particularly in July and August when the adult moths lay their eggs. If found, the egg masses should be either burned or dropped in kerosene or bleach.

Beverly Hills, Bloomfield Hills and Bingham Farms were all intending to perform aerial spraying this year to control the caterpillars, but decided against it for several reasons. "They couldn't get a bid that was reasonable and also by trap count I could tell them that they weren't going to get any defoliation this year," Dollhopf said. He warned that defoliation is likely next year, as the population keeps on increasing.

Fortunately for local residents, few if any gypsy moths have been spotted yet in Northville and Novi, and no defoliation is expected to occur here. "Any spraying for gypsy moth in that particular area is a waste of time," Dollhopf said.

State and federal authorities are involved in several efforts to control the insect, including introduction of insects and parasites which feed on the caterpillar, quarantines to prevent their spread, and sex lure traps to track their population and spread.

MONDAY EDUCATION

Novi schools start recycling

By MAUREEN NASZRADI
Staff Writer

Novi schools this week are implementing a program that will teach students that a little extra effort when disposing of waste can help protect their future.

Starting Tuesday, the Novi School District will test a district-wide recycling program. In every school children will be asked to help sort the materials used to serve and package their meals.

Novi is the first district in the county to start such a program. The recycling efforts are being initiated as a pilot program that will run through the end of the school year.

At the board of education meeting Thursday, district officials viewed three videotapes about the benefits of recycling and how a program similar to Novi's has been successful in the Lexington School District in Massachusetts.

The tape, "Do the Right Thing: Recycle," emphasized that recycling programs in schools help teach children at the earliest possible stages not to be wasteful.

Superintendent Robert Pwko said many children already are recognizing the need for recycling. The board members expressed their support for the new program.

Toward a larger goal of helping to preserve the environment, the recycling program specifically is aimed at reducing the amount of waste sent into landfills, explained Pat Hill, director of food service for the district.

Since the 1989-90 school year started, Hill has been working with other district officials toward implementing the program. Assistant Superintendent William Barr said committees were formed in each building to set up the process, and the children were told about the start-up of the program.

Hill said she expects the children's reactions to their new duties to be "very interesting."

"I think it will work well once we get started," she added. "It will take total cooperation from everyone involved."

In each school, the program calls for the installation of at least two stations where students will dump any waste from their food trays, rinse the trays, and put the trays in one container and other plastic materials in another.

Hill said the degree of difficulty in accomplishing this task will vary with the menu selections. The children might have a harder time scraping off the remains of nachos and cheese or pancakes and syrup than a hamburger bun, for example.

After the sorting process, the materials to be recycled from throughout the district are bagged and taken to a central location from which they are transported for processing.

"The timing is perfect. We're working on cutting down on the volume of trash that the schools generate. The kids are learning about recycling and we should be teaching them about it even at the lower grades."

Pat Hill, Director of Food Service

A recycling company washes and grinds the used materials into fluff, which is later heated and formed into pellets. Manufacturers buy the pellets to make new products, such as hangers, hair combs, flower pots and building insulation, according to the videotape.

A few students have been selected to demonstrate the sorting to their peers. They will wear hats that say, "Recycle Novi" and tend the station in their schools.

The district has been using recyclable materials — polystyrene trays and food wrapping, for example, since the early 1980s, Hill said. Recent national emphasis on preserving natural resources prompted one of the district's suppliers to come forth with the recycling plan at this time, she said.

"The timing is perfect," Hill said. "We're working on cutting down on

Senate passes bus, drug zone bill

By TIM RICHARD
SCC News Service

LANSING — The state Senate last week passed bills to make schools safer from drugs and update school bus safety rules.

For law-abiding drivers, it means they will stop 20 feet from a school bus with flashing lights instead of 10.

"We're not going to tolerate drug tampering with our children," said the sponsor of the drug-free zone bill, Sen. Fred Dillingham, R-Fowlerville.

This started as a drug-free school bill, but it became a drug-free zone bill," he said. His Senate Bill 553 was amended to cover public parks, playgrounds, swimming pools, youth centers and even video arcades.

All area senators supported the bills, which go to the House.

The drug bill increases penalties for dealers who invade the drug-free zones.

"It's a tared approach. There are three times the normal penalties for drug distributors," said Dillingham.

For this reason, he worries about that House Judiciary Chair Perry Bullard, D-Ann Arbor, may

front on the Senate bill. Bullard usually criticizes bills calling for putting more people in prisons or for lengthening sentences.

"But the penalties are not mandatory," Dillingham said, adding it may make the bills more palatable to the House. "The judge has increased discretion based on the crime."

SB 533 was approved 34-0.

The school bus code is contained in three bills sponsored by Dillingham and Richard Fessler, R-Commerce.

"It's a total, comprehensive compilation of the bus safety rules—a one-stop shopping center for people concerned about school bus safety," Dillingham told the full Senate.

"Currently, there are several laws, conflicting rules and attorney general opinions covering school buses." Among the changes Dillingham cited:

- Beginning drivers will have to complete a course, and all must take six hours of continuing education every two years. Currently, a new driver has a year to complete the course. The state will pay for training, estimated roughly at several million dollars.

- There will be a uniform system of four red and four yellow flashing lights on buses.
- A new mirror system will enable drivers to better see passengers they have discharged.
- Sponsors of children being run over and killed by buses when they stooped to pick up articles and couldn't be seen by drivers.
- State Police will inspect all school transportation vehicles, not just buses.
- The bill would raise the age to 32-0. They are 16-barred, meaning all must pass for any one to take effect.
- In committee, Fessler inserted an amendment telling the state to study the feasibility of a right-hand discharge rule. If adopted, the rule would prohibit drivers from discharging passengers who had to cross the road to the left of the bus.
- The rule would raise transportation costs and lengthen children's bus rides. But proponents say it would save school districts millions in lawsuits.
- Fessler's Transportation Committee received a late proposal that the state require "pusher" or rear engines on school buses. Such buses would have no hoods that would cause blind spots for drivers. The proposal surfaced too late in deliberations for action.

House bill splits area lawmakers

By TIM RICHARD
SCC News Service

LANSING — Area state representatives were deeply split over a new school aid bill that stripped \$650 million in "categorical" aid from well-off school districts and spread it around to poorer districts.

Brushing aside party lines, lawmakers from rural and low-valuation areas generally backed House Education Committee Chairperson William Keith's substitute school aid bill.

"This is what I propose to break the trend," said Keith, D-Garden City. Under his bill, 78 percent of Michigan's 562 school districts will receive state aid next fall compared to 70 to

72 percent in 1985-90. The \$3.15 billion bill goes to a House-Senate conference committee to iron out differences.

Big losers would be suburban out-of-county districts with high business property tax bases. The Keith bill would not pay their Social Security, pension and aid for such categories as media centers, pregnant teens and professional development.

Hill said his goal is to reduce state aid for categorical, which aids all districts, and shift the money into the general state aid formula, bringing "equity to more students and districts."

The measure, a substitute to the Senate-passed bill, squeaked

through the House last week on a bare 56 votes, with 29 voting no and 25 absent.

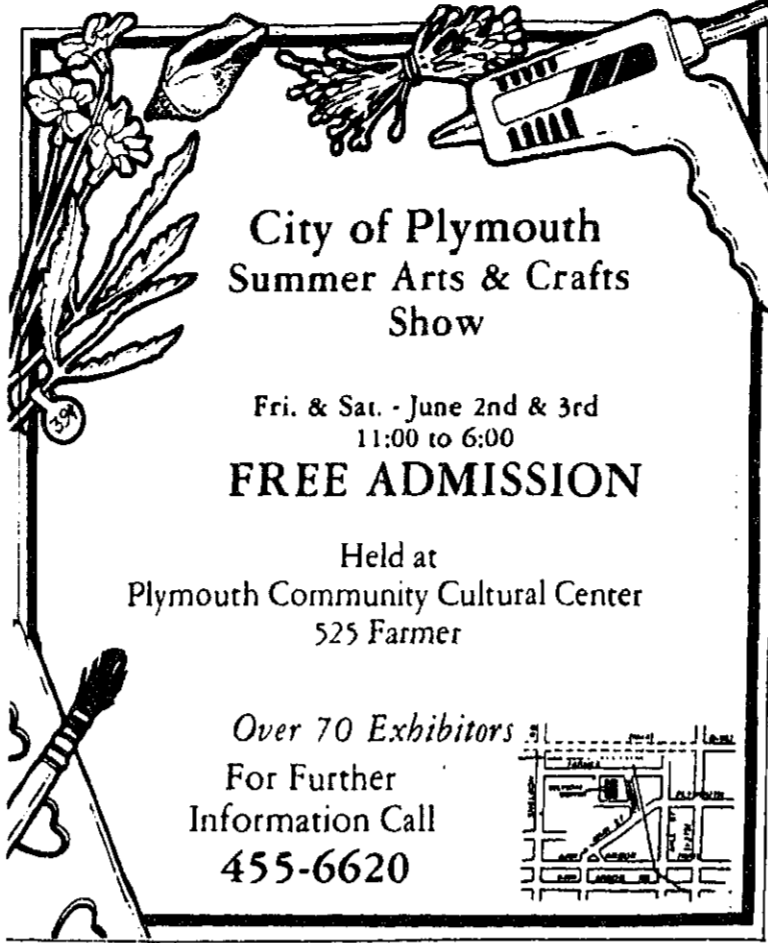
Area representatives voting yes were Susan Grimes Munsell, R-Howell, and Francis Spaniola, D-Comum.

Voting no were Willis Bullard, R-Highland, David Honigman, R-West Bloomfield, and Judith Miller, R-Birmingham.

Not voting were Gerald Law, R-Plymouth, and Kirk Profit, D-Ypsilanti.

Bullard and four outstate Republicans filed a printed protest against the lack of information on the impact of the bill. They said:

"A major budget bill with extensive changes introduced hours before the



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MONDAY UPDATE



City plans to recycle its office waste paper

By JAN JEFFRES
Staff Writer

Taking out the trash will never be the same in the City of Novi.

June 1 is the target date for the city staff at the Novi Civic Center. The police department and the fire department to begin recycling office paper. The details are still being worked out, said purchasing director Carol Kalinowski, but typically in an office-paper recycling program the waste is sorted into three bins: one each for white, colored and computer printout paper. The sorting process often begins deskside, as workers drop their papers into small containers. Paper with glue on it, such as envelopes and telephone books, cannot be recycled.

Novi is already trying out several brands of recycled paper, Kalinowski said, to determine which gives the best quality for the money and works well in the city's copying machines.

RRRSOC estimates that its member communities, including Southfield, Farmington Hills and Walled Lake, will dispose of 8,451 tons of office paper, 19,379 tons of mixed paper and 22,774 tons of newspaper in 1990.

Jadun said most companies can reduce their trash by one-third through office paper recycling.

Employees were enthusiastic when the 52nd District Court in Walled Lake started its office paper recycling program last week, according to court administrator Michelle Bliger. Staff members keep small containers for the reuse under their

desks. The courthouse has an arrangement with Oakland County to pick up the paper, and there's a lot. Bliger said that beyond the typically voluminous paperwork generated by the court, under state law they may dispose of old files and transcripts after 10 years.

"We've always tried to recycle internally, through using old scrap paper as notepaper," she said. "In the judicial system there's a massive volume. It's just like an explosion of paper."

Initially, the district court will not seek to make money off of these discarded documents until of the program is in the swing. Bliger said. Later, they'll investigate the economic opportunities.

"I encourage all businesses when they can do it, to recycle. It's a good program," she said.

Novi businesses which want to explore office paper recycling opportunities can contact Lenora Jadun at 348-4675. With the southwest region having the largest office building base in Oakland County, she said it's possible that a number of local businesses could join forces to put a program together. RRRSOC is also looking for the donation of a building to be used as a central warehouse for office paper awaiting pick-up by a recycling company.

"If you're interested, let's all get together and see how we're going to resolve this thing," Jadun said. "It's basically a painless program."

Disaster relief



A group of Novi Brownies recently got together to do their part in helping out other people. The group packed up disaster relief boxes for general use by agencies which deal with such situations. The boxes contain things like toilettries, games and pencils. Above, adult leader Jan Schlenke helps with the project in the art room at Novi Woods Elementary. At right, Erin Gibbons, 7, stacks up finished boxes.

Novi gets roof settlement

Novi's department of public works building may have a leaky roof, but the city successfully argued that the warranty was airtight.

The city recently received a \$12,000 check from the Dearborn Heights-based builders, A. Rea Con-

struction, and the Dearborn-based architectural firm, Nordstrom-Summers Associates, to cover costs of a settlement concerning the leaking roof of the six-year-old building. Having never received the promised warranty, the city initiated a breach of contract proceeding with the American Arbitration Association in Southfield.

The companies have since agreed to repair the roof and guarantee that it will remain watertight for the following five years.

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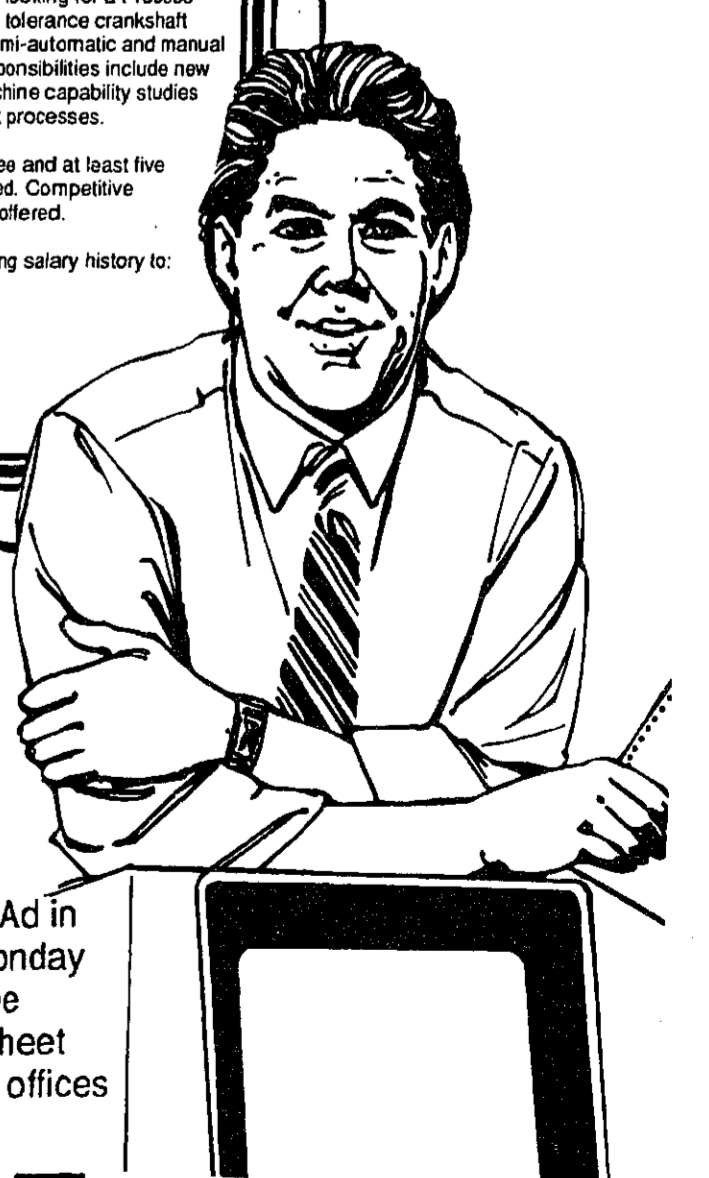
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Monday 8 a.m. to 4:45

School Calendar May 28-June 4

MONDAY/28
MEMORIAL DAY. No classes or events scheduled.

TUESDAY/29
MEADS MILL BLUE/GRAY DAYS begins a two-day remembrance of the Civil War.

WEDNESDAY/30
MEADS MILL BLUE/GRAY DAYS, second day of a two-day remembrance of the Civil War.

NOVI HIGH SCHOOL Honors Night, with an open viewing at Fuerst Auditorium, 7:30 p.m.

THURSDAY/31
VILLAGE OAKS V.O.I.C.E. MEETING and ice cream social, 7:30 a.m. to 2 p.m.

NOVI HIGH SCHOOL student blood drive, 7:30 a.m. to 2 p.m.

FRIDAY/1
AMERICAN PTA Ice Cream Social, features fun and games, as well as plenty of ice cream.

NORTHVILLE EIGHTH GRADE tours Northville High School.

SATURDAY/2
KINGS MILL ELEMENTARY school flea market.

SUNDAY/3
NORTHVILLE SCHOOLS Children's Art Show, featuring artwork from Northville school children at the Artium Gallery, 2-5 p.m.

MONDAY/4
NORTHVILLE HIGH SCHOOL Athletic Boosters forum, 7:30 p.m.

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National Safety Council

Civic Calendar May 28-June 4

MONDAY/28
MEMORIAL DAY. All civic offices are closed.

TUESDAY/29
NORTHVILLE TOWNSHIP PLANNING COMMISSION meets at 7:30 p.m. in the meeting room at the township hall.

NORTHVILLE DOWNTOWN DEVELOPMENT AUTHORITY meets at 7:30 a.m. in the conference room at the city hall.



MONDAY HOME

Developers throw in curves

Diversity sells in subdivisions

Attractive residential subdivisions usually start with a pool of site plan designs...



Modern subdivision plan changes in grade, winding streets and a choice of lot configuration, like Woodlore North in Plymouth Township

They want creativity, privacy, as much as you can give them, a statement when you come into the development either through landscaping or an entrance...

Modern subdivision plan changes in grade, winding streets and a choice of lot configuration, like Woodlore North in Plymouth Township

dominium projects. Planned residential or planned unit developments have become popular.

Community planners and political officials have established stricter density, setback and landscaping requirements to help promote that open look.

Since last year, developers in Farmington Hills have contended with a tree protection ordinance.

reversed for a big frontage to show off," Johnson said.

Robert Meisner/Condo Queries

Flowers poor bedfellows in condo yard?

I live in a condominium where the board has to give approval for the planting of flowers in front of our yard.

over control of the association to the members. I want to know what I should be doing to prepare for the turnover...

It is still unclear what impact fees will do to development, Beale said.

Robert Meisner/Condo Queries

I presume from your question that the board has the authority under the condominium documents to determine whether an owner is defined to grant permission with respect to the planting of flowers at the condominium.

As a land contract purchaser, you do not have legal title to the property, but what is considered by the law to be equitable title.

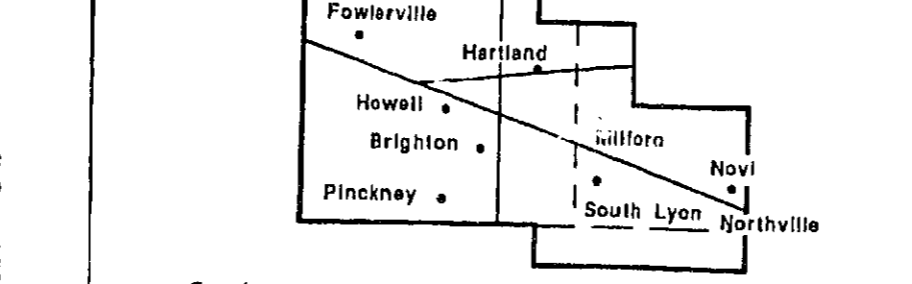
Should new development shoulder the brunt for infrastructure improvements? Egbert asked.

Advertisement for SIDING WORLD featuring vinyl siding, gutters, and aluminum soffits. Includes prices like \$4395 roll and \$3695 per sq. ft.

Advertisement for Amy's Crafts featuring a CRAFT CLEARANCE SALE with 50% off all merchandise. Includes contact info for 38503 Ten Mile Farmington Hills.

MONDAY Green sheet

Phone Numbers



One local call places your classified ad in over 63,000 homes every Monday throughout Livingston County and the South Lyon, Milford, Northville and Novi areas.

To place your classified ad: Brighton, Pinckney, or Hartland (313) 227-4436

To place your circular or display ad: Livingston County (517) 548-2000

For delivery problems, call: Brighton, Pinckney or Hartland (313) 227-4442

Index table listing categories like Animals, Automotive, Employment, For Rent, For Sale, Household, Personal, Rates, and Services with corresponding phone numbers.

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Index table listing categories like Animals, Automotive, Employment, For Rent, For Sale, Household, Personal, Rates, and Services with corresponding phone numbers.

Real estate listings for 010 Special Notices, 012 Car Pools, and 015 Lost.

Real estate listings for 016 Found, 020 Open House, and 021 Houses.

Real estate listings for 022 Lakefront Houses, 024 Condominiums, and 025 Mobile Homes.

Real estate listings for 029 Lake Property, 032 Out of State Property, and 033 Industrial/Commercial.

Real estate listings for 030 Northern Property, 035 Income Property, and 036 Real Estate.

Real estate listings for 037 Real Estate, 038 Real Estate, and 039 Real Estate.

Real estate listings for 040 Real Estate, 041 Real Estate, and 042 Real Estate.

Real estate listings for 043 Real Estate, 044 Real Estate, and 045 Real Estate.

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Real estate listings for 064 Real Estate, 065 Real Estate, and 066 Real Estate.

Real estate listings for 067 Real Estate, 068 Real Estate, and 069 Real Estate.

Real estate listings for 070 Real Estate, 071 Real Estate, and 072 Real Estate.

239 Classic Cars

1930 Ford V8 pickup. \$300.
1931 Ford V8. Excellent condition. \$25,000.
1932 Ford V8. Excellent condition. \$25,000.
1933 Ford V8. Excellent condition. \$25,000.

240 Automobiles

1977 Chevy Caprice. 400 miles. \$1,000.
1978 Ford LTD. 400 miles. \$1,000.
1979 Chevy. 400 miles. \$1,000.

215 Carpets, Tapestries And Equipment

1972 STARSTREAM 16 ft. x 3 in. carpet. Excellent. \$1,500.
1973 Ford A.S. window cover. \$1,500.
1978 Ford A.S. window cover. \$1,500.

220 Auto Parts And Services

1966 Chevy truck. \$1,500.
1974 Ford F350. \$1,500.
1979 Ford F350. \$1,500.

221 Truck Parts And Services

1968 Chevy truck. \$1,500.
1974 Ford F350. \$1,500.
1979 Ford F350. \$1,500.

222 Auto Parts And Services

1966 Chevy truck. \$1,500.
1974 Ford F350. \$1,500.
1979 Ford F350. \$1,500.

223 4 Wheel Drive Vehicles

1968 Dodge Power Ram. 318. \$1,500.
1977 Chevy truck. \$1,500.
1979 Ford F350. \$1,500.

225 Autos Wanted

1977 Chevy truck. \$1,500.
1979 Ford F350. \$1,500.
1979 Ford F350. \$1,500.

228 Recreational Vehicles

1973 Chevrolet. \$1,500.
1978 Ford LTD. \$1,500.
1979 Chevy. \$1,500.

230 Trucks

1977 Chevy truck. \$1,500.
1979 Ford F350. \$1,500.
1979 Ford F350. \$1,500.

235 Vans

1968 Dodge Power Ram. 318. \$1,500.
1977 Chevy truck. \$1,500.
1979 Ford F350. \$1,500.

ONE DAY ONLY

TUESDAY, MAY 29th

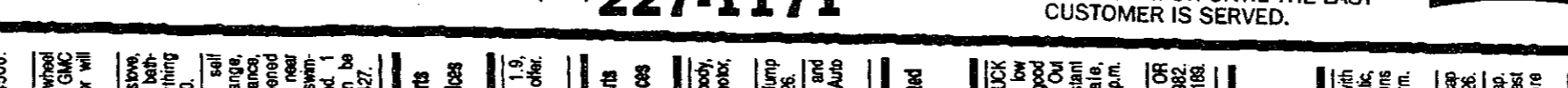
"SPECIAL" TAG SALE

EVERY NEW & USED CAR & TRUCK AT BRIGHTON FORD-MERCURY

Will Be "SPECIAL" Tag Priced

(313) 227-1171

OPEN TILL 9:00 PM OR UNTIL THE LAST CUSTOMER IS SERVED.



241 Automobiles

Under \$1,000

1974 Chevy Impala. Under \$1,000.
1975 LTD with 1979 351M. \$800.
1977 Chevy. \$800.

243 4 Wheel Drive Vehicles

1968 Dodge Power Ram. 318. \$1,500.
1977 Chevy truck. \$1,500.
1979 Ford F350. \$1,500.

244 Bushes and Equipment

1968 Dodge Power Ram. 318. \$1,500.
1977 Chevy truck. \$1,500.
1979 Ford F350. \$1,500.

245 Autos Wanted

1977 Chevy truck. \$1,500.
1979 Ford F350. \$1,500.
1979 Ford F350. \$1,500.

248 Recreational Vehicles

1973 Chevrolet. \$1,500.
1978 Ford LTD. \$1,500.
1979 Chevy. \$1,500.

EVERY NEW & USED CAR & TRUCK ON BOTH LOTS ARE ON SALE!!!

BE THERE OR BE SQUARE

Look For The "Special" Tags Then Look For The Price!

BRIGHTON FORD-MERCURY

Main Lot 8704 W. Grand River, Brighton
Discount Outlet 9797 E. Grand River, Brighton
(313) 227-1171
Mon & Thurs 8:30-9p.m.,
Tues, Wed, 8:30-9p.m., Fri 8:30-9p.m.,
Sat 8:30-10p.m.

170 Help Wanted General

DRIVERS/DISPATCHER
If you have a valid driver's license and are a good driver, we have an opportunity for you in a growing area.

171 Sales

WE NEED HELP
Expanding wood window and door sales in the Detroit area.

172 Business Opportunities

SECURITY OFFICER
Duties include both plant security and headquarters monitoring.

173 Business And Professional Services

185 SHIRTS
186 ACCEPTING BIKES
187 BOARD OF EDUCATION
188 TELEMARKETING \$5 TO \$20/HOUR

201 Motorcycles

1974 YAMAHA 650 cc. New. \$1,500.
1979 Honda CB125. \$1,500.
1979 Honda CB750. \$1,500.

202 Auto Parts And Services

1968 Chevy truck. \$1,500.
1974 Ford F350. \$1,500.
1979 Ford F350. \$1,500.

203 Trucks

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C.S. MOTT CHILDREN'S HOSPITAL

A TRADITION OF CARING

Camp for ventilator-dependent children



Sean Hewitt, with Mary Dekeon, R.R.T., Respiratory Care Clinical Specialist.

Despite the need for 35-pound ventilator units, their accompanying 16-pound batteries, plus 15-pound oxygen tanks, these kids are going camping.

An automobile accident last fall changed 7-year-old Jill's life forever. It left her quadriplegic, leaving her unable even to breathe on her own. The simplest of childhood pleasures now seemed unattainable.

One of those pleasures was going to camp, which she used to enjoy each summer before the accident. Because of the generosity of donors and the efforts of volunteers, Jill will be going to camp this summer. She and 19 other ventilator-dependent children will fish, gather around campfires, and traverse nature trails June 3-8 at Camp Fowler in Mayville, 106 miles north of Ann Arbor.

With her pretty brown hair tied back in a ponytail with a pink ribbon to match her pink fingernails, Jill goes through another day on the rehabilitation floor at C.S. Mott Children's Hospital. Through the ventilator her voice barely gets above a whisper, but her excitement is clear when she says that, yes, she is looking forward to camp. The other children, aged 2-20, are also looking forward to camp, as are their parents, according to Mary Dekeon, a clinical specialist in respiratory care at Mott who played a crucial role in organizing Trail's Edge Camp for ventilator-dependent children.

"The amount of equipment the children need is overwhelming," Dekeon said of the ventilator-dependent children who have since been discharged for home care. "In some cases, the homes these kids are living in are like little intensive care units, especially if lung disease is the primary problem."

Children with lung disease require, in addition to the 35-pound ventilator unit and its accompanying 16-pound battery, a 15-pound oxygen tank. Also, portable suction equipment is necessary, and sometimes feeding tubes. The children's mobility varies — some are wheelchair-bound, some are not.

"My son is extremely mobile," said Laura Hewitt of Walled Lake, whose son Sean, 3, needs a ventilator at night and oxygen all the time. "He has a 21-foot tube to his oxygen tank and he uses all 21 feet of it."

Sean was born two months premature with severe respiratory distress failure. He is now an active

three-year-old whose care, like any oxygen/ventilator-dependent child's, is a full-time job.

"It can wear you out—it's a 24-hour a day job that does not go away," Hewitt said. The camp will provide her and the other parents with a welcome respite from that job.

"It makes you nervous (to send your child away), but the people will all know Sean, and I feel safe leaving him in their care. The camp is a wonderful idea because parents don't have the time, energy and often the money to do such things with the kids."

Money won't be a problem this year. There is no charge for the 20 campers. The bulk of the fees is being paid by a grant from friends of University Hospital and staff contributions.

The camp staff is participating on a volunteer basis, using their own vacation time. A full-time physician, nurses and occupational and physical therapists will be on hand. Each child will have a full-time partner, a nurse or respiratory therapist disguised as a camper.

"The partner is supposed to be their friend," Dekeon said. "We had a three-day seminar to get in the spirit of the camp, to teach the nurses and Respiratory Therapists to be more like real camp counselors."

Mary Dekeon, R.R.T.

"Some of these kids are in their teens and have never been away from their parents, even for one night."

Two other such camps in Minnesota and Florida have had parents and families attend as well, but Dekeon said that idea was rejected on the basis of giving the families a break from caring for the children, and the children an opportunity for some independence.

"Some of these kids are in their teens and have never been away from their parents, even for one night," said Dekeon, "and the parents have never had a chance to go out to dinner."

Mott has discharged 35 patients on ventilators since a landmark lawsuit in 1981 allowed ventilator-dependent patients to live at home and still receive Medicaid. As the Hewitts and countless other families have discovered, the full-time care of such a child can be a frustrating test of will.

Last year, Mott formed a parent support group for these families, and the response has been favorable, said Dekeon. "It's a forum where parents can

See CAMP, page 13

Transplants help children start anew

When asked about his chosen profession Darrell A. Campbell, Jr., M.D., associate professor of surgery and director of the Kidney Transplant Program at the University of Michigan Medical Center will tell you it is "tremendously satisfying."

Dr. Campbell and his associates who comprise the transplant team of doctors at U-M Medical Center — Dr. Robert Merion, Dr. John Ham, and Dr. Jeremiah Turcotte — refer to organ transplantation as an "acceptable alternative" to organ failure.

"Our work allows us the opportunity to restore health and happiness. What more is there?" and with that Dr. Campbell reached into his coat pocket and pulled out three slides — the first of which he inserted into the projector. The slide was that of three young girls, sisters, ranging in age from 11 months to 5 years old. Dr. Campbell focused his discussion on the 11-month-old child who was sitting expressionless next to her two wide-eyed, smiling sisters. Her eyes were focused on some unidentifiable distant object. Her face was colorless and bloated.

Dr. Campbell explained that when the child's parents brought her to the Medical Center to be

examined, she was in desperate need of a kidney donor. The second slide was inserted. It was the photograph of a healthy, happy baby in the arms of her mother. This was the same child one year after a successful kidney transplantation.

The last slide was inserted showing a once desperately ill child who had grown into an adorable young lady of five years. She was dressed in cap and gown, preparing for her graduation from

"Our work allows us the opportunity to restore health and happiness."

Dr. Darrell A. Campbell

kindergarten, smiling at the world with a look of anticipation.

Within the last ten years, the success rate of transplantation operations has dramatically increased. From 1980 to 1990, what had been a 40 percent success rate for kidney transplantation has increased to 85 percent. More drastic than this is the 20 percent success rate for liver transplantation to 80 percent today.

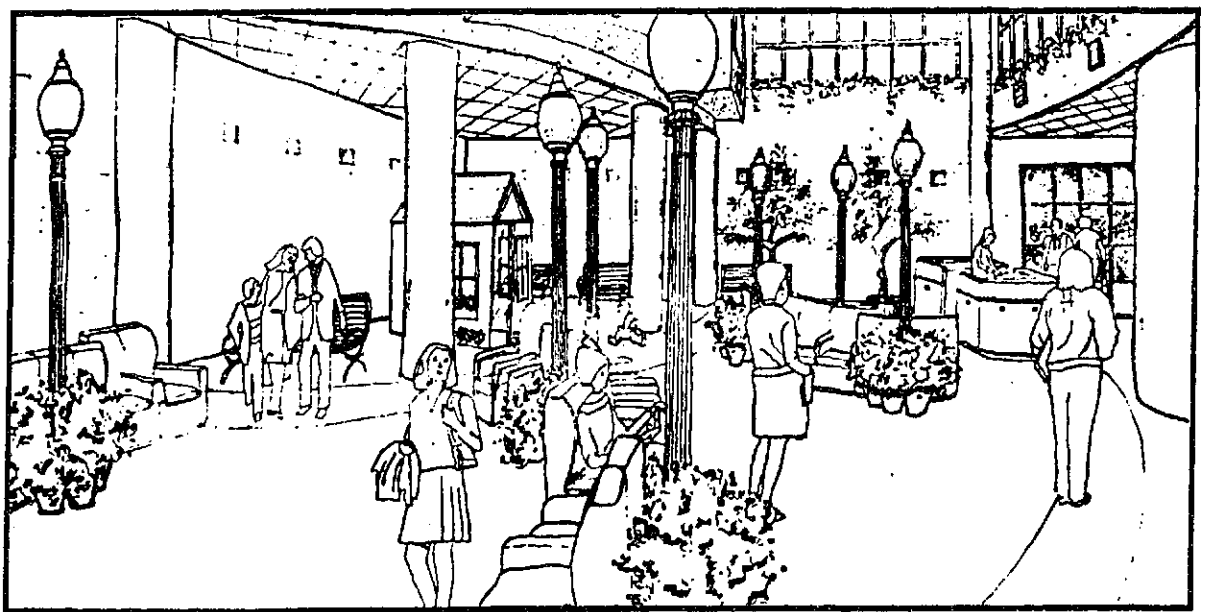
Dr. Campbell attributes the dra-

matic improvements not only to modern technology but also to the countless number of individuals involved in each transplant operation from start to finish. "With each procedure performed, there are several individuals involved," said Dr. Campbell. "Everyone is important to the ultimate success of each case."

However, as Dr. Campbell warned, organ availability is always a problem. To be considered an eligible donor, the candidate must be pronounced brain dead. This means that all vital organs are functional and that only the brain is incapacitated. According to *Healthwise*, a University of Michigan Medical Center publication, of the 25,000 potential organ donors who die each year in the United States, only 20 percent provide organs.

"It's a shame organs are available and not used," Dr. Campbell said. "The situation is even more serious for children than it is for adults. An organ donation, in a small way, may relieve some of the pain of the tragic loss of a loved one. It can bring new life to a seriously ill child."

For information on how to become an organ donor, contact your local Secretary of State branch or call 1-800-482-4881.



Artist's rendition of the University of Michigan's new Maternal and Child Health Center.

Maternal and Child Health Center due to open this fall

Nurturing care for pregnant women, new mothers and their babies... Life-saving medical treatment for critically ill babies... Innovative medical and surgical care for children... Psychiatric treatments for children and teenagers... The University of Michigan's new Maternal and Child Health Center (MCHC) will offer all this—and more.

"The goal of the Center is to provide space uniquely designed to accommodate today's trends in the care of mothers, infants, children and adolescents," said John D. Forsyth, executive director of the U-M Hospitals. "By upgrading existing facilities and creating new ones, the Center will offer convenient, sophisticated health care for women and children of Michigan and surrounding regions."

Maternal and Child Health Care Planning

Improvements in maternal and child care facilities were originally included in the Replacement Hospital Program (RHP) that culminated in the February 1986 opening of University Hospital and the A. Alfred Taubman Health Care Center. This project replaced University Hospital's 626 adult medical/surgical, special care and adult psychiatric beds, and the greater portion of ambulatory clinic facilities.

During RHP planning, it became apparent that the needs in maternal and child health care exceeded the scope of the replacement program. Planned improvements in those areas were with-

See HEALTH CENTER, page 2

HEALTH CENTER

continued from page 1

drawn from the RHF and developed as a separate center. The result of the planning is a 221,000 -square-foot center for maternal and child health designed by the architectural firms of IMP Associates, Hansen, Lind Meyer Inc. and Roger Marquardt Inc.

The seven-level structure will link directly with Mott Children's Hospital, Women's Hospital, Holden Perinatal Hospital, the Taubman Center and a new parking structure, while maintaining the separate identity of each hospital. Construction of the center has been under way since September 1987. With the opening of the new construction this fall, the project will move into the second phase: renovation of the existing Mott/Women's/Holden facilities. The targeted completion is summer 1992, with a new construction - equipment and renovation budget of \$48,950,000. With the fall opening, the new MCHC construction phase will include a new pediatric intensive care unit (ICU) with an ICU bed expansion from 10 to 26 beds; a new neonatal intensive care unit with an ICU expansion from 24 to 29; relocation of child and adolescent patients into new patient units of 14 and 18 beds respectively; relocation of obstetrics, gynecology and psychiatric ambulatory operations and expansion of pediatric medical and surgical ambulatory operations, into the new center; expansion of pediatric support services such as radiology and respiratory therapy; addition of another rooftop helipad allowing direct access for children and expectant mothers transported by Survival Flight, U of M's emergency helicopter transport service.

The MCHC will have its own entrance for patient/visitor drop-off, planned with easy access to parking through an underground entrance. The lobby is filled by natural light from an atrium and large expanses of glass.

A "park theme" has also been used throughout the lobby. The white terrazzo flooring will be the "sidewalk," green carpet will suggest grass, with authentic park benches and posts included. A children's playhouse will be set in the middle of the park.

In close proximity to the center lobby, a new vending service is being offered in an outdoor cafe setting of tables with colorful umbrellas. Also close by, the new gift shop will have much more space with greatly expanded lines of merchandise.

Families and visitors will benefit from easy access to the Med-Inn, a 90-room hotel linked directly to Mott Children's Hospital, and the nearby Ronald McDonald House, which provides accommodations for families of hospitalized children at the Medical Center. Patients and visitors can enter the three ambulatory clinic levels of the expanded Taubman Center directly from the adjoining parking deck.

Pediatric Perspective
"The new Maternal and Child Health Center will bring together all aspects of care for both mother and child, from the time of conception all the way to adulthood," said Robert P. Kelch, M.D., professor and chairman of the Department of Pediatrics and Communicable Diseases.

Editorial copy provided by:
C.S. Mott
Children's Hospital

Kelch said demand for pediatric intensive care is growing at tertiary medical centers like Mott Children's Hospital. Today, a lot of pediatric care is being provided on an outpatient basis with hospitalized children more critically ill, requiring the expertise of a tertiary medical center.

The new Pediatric Intensive Care Unit will include three sections of beds, with an isolation room in each section. More private consultation rooms will be readily accessible for staff to speak with families about the condition of their child. Two large waiting rooms will reflect the park theme with painted wall graphics and playhouse elements. In these rooms comfortable seating for families and visitors will be provided, including chairs that convert to beds for sleeping overnight.

On September 25, 1990, the first phase of the Maternal and Child Health Center Project is scheduled to open with pediatric and labor/delivery/recovery services. The initiation of child and adolescent psychiatric services in the center is scheduled for November 5, 1990. An open house for the U-M and Medical Center staff and families, the community, and hospital donors is being planned for Sunday afternoon, September 16. For additional information about the open house and the center, please call Ann Unbehauen at 313-764-2220.

live, well-equipped play area for patients and siblings.

Obstetric Perspective

In each of the new eight birthing rooms, there is sufficient space and available equipment to accommodate the labor/delivery/recovery of the mother, together with her support partner. Each soothingly-colored room will have a shower and bathroom, natural lighting through a bay window and a phone for spreading word of the new arrival. The birthing rooms and support space are planned to provide a quieter, more organized, esthetically appealing atmosphere in which family togetherness is promoted.

"Added space and updated labor/delivery/recovery facilities will help keep the obstetrics and neonatology departments on the cutting edge as well," according to Preston V. Dilts Jr., M.D., professor and chairman of the Department of Obstetrics and Gynecology. He added, "the locations of these facilities have been planned to hasten the moving of sick newborn babies to the physically adjacent neonatal intensive care unit with immediate access to many life-saving treatments."
Molly Gates, M.S., R.N.C., coordinator,

Perinatal Outreach Program, said, "as a state-designated perinatal center, the University of Michigan Medical Center provides all levels of obstetric and neonatal care ranging from the well-woman care offered by our certified nurse midwifery service to the most advanced technologies required for high-risk pregnancies and newborns. Referrals are received from our primary region, which is approximately a 50-mile radius, as well as transports from other tertiary centers in Michigan and surrounding states." She added, "one of our biggest responsibilities at the U-M Medical Center is to work with our referring hospitals to identify which types of patients need the types of service we can provide."

In the renovation phase of the center project that begins this fall, a new mother and baby unit and nurseries will be constructed adjacent to the new neonatal unit and labor/delivery/recovery area. The mother/baby unit will be predominantly private rooms with the remainder being double. The patient rooms will be larger to accommodate a trend toward "rooming in"—keeping the infant in the same room as the mother. Increasingly, the traditional nursery-down-the-hall will be used only for infants who need closer observation.

Neonatal Perspective

James and Lynelle Holden Perinatal Hospital, the first hospital in Michigan to offer neonatal transport and routinely treats premature or sick infants transferred from about 10 hospitals in a 50-mile radius. "We offer a full range of neonatal surgery, as well as specialty services that many other neonatal units can't handle, such as neonatal neurology and cardiology," Gates said.

"The neonatal intensive care unit (NICU) in the Holden Perinatal Hospital provides advanced and experimental treatments which attract referrals from other NICUs," said Gates. These unique treatments include extracorporeal membrane oxygenation (ECMO) and high-frequency jet ventilation. Dietrich W. Roloff, M.D., professor and service chief of neonatology, said the center will allow the intensive care unit to grow further.

The ECMO treatment has been most successfully used to support newborns with respiratory failure long enough for their lungs to strengthen. ECMO was developed by a UMCC faculty member nearly a decade ago.

The high-frequency jet ventilation treatment provides respiration at a rate about six times faster than conventional ventilation. This treatment prevents further lung damage in newborns with severe respiratory distress.

In the colorfully painted NICU, each baby will have his or her own bed space with ample surrounding area for the necessary support equipment. This space also has ample natural light. More private consultation rooms will be readily accessible for staff to speak with families about the condition of their baby.

Psychiatric Perspective

Each of the new larger inpatient rooms for child and adolescent psychiatric patients will have a bathroom and shower and a communication system for calling staff. The layout of the unit and the open design of the patient unit station will enhance communication between staff and patients. Such support services as laboratory and pharmacy will be readily accessible through the unit's central location.

Through the new child and adolescent psychiatric ambulatory operation, we will serve a wide range of outpatients. In car-



Surgeon General Antonia Novallo returns to give talk.

Surgeon General to be keynote speaker at fall MCHC dedication

Surgeon General of the United States Public Health Services, Antonia Novello, M.D., M.P.H., who received her training in pediatric medicine at the University of Michigan's C.S. Mott Children's Hospital, 1971-74, will give the keynote speech at dedication ceremonies for the Maternal and Child Health Care Center on October 19, 1990.

Dr. Novello, former deputy director of the National Institute of Child Health and Human Development, is an expert in the field of pediatric AIDS. She is the first woman, and first Hispanic, to serve as Surgeon General of the United States.

Former associates at Mott have fond memories of Dr. Novello from her training days at the University of Michigan. Dr. Robert P. Kelch, chair-

man of the Department of Pediatrics, was a junior faculty member when Novello was a resident. Said Dr. Kelch: "Dr. Novello is an exceptionally warm, compassionate and vivacious physician. She has the ability to work with people of varied backgrounds, abilities and interests."

He predicted that her skills would serve her well in her new position. "As a resident, she demonstrated a tremendous ability to work with others to accomplish complicated tasks. I have seen her encourage professional collaboration in research dealing with children's issues, and I have great respect for her dedication to her colleagues and to the field. Everyone who encounters her, likes her."

For more than 150 years, the University of Michigan Medical Center has striven to maintain the highest standards of patient care, teaching and research. The completion of the center will honor that mission and provide the best health care available for women and children—well into the 21st century.

ing for these patients, our staff will have more and better equipped interviewing rooms and convenient access to diagnostic services located within the center. Patients will have both medical and psychiatric care delivered in the new center, according to John Greden, M.D., chairman of the UMMC Department of Psychiatry. "This is a good situation for the many children and adolescents who have conditions which involve both physical and psychiatric problems such as diabetes, seizure disorders, eating disorders, sexual abuse and substance abuse."

Luke Tsai, M.D., chief of service at Child and Adolescent Psychiatric Hospital, said "Child psychiatry as a field is on

TWIGS: Raising dollars for Mott

One sunny spring afternoon in 1987, a few City Hospital board members in Rochester, New York met for lunch and an afternoon of sewing hospital linens. They subsequently decided to work together on projects to benefit the hospital, and thus TWIGS was born. A century later, the tradition has continued, and now thousands of caring citizens across the country pool their time, efforts and expertise to raise money for children's hospitals. Activities run the gamut from auctions to toy sales. More popular events include bowling, bridge playing, gourmet suppers, house tours, neighborhood picnics, craft and fashion shows.

Here in Ann Arbor, TWIGS works hard to generate funds for Mott Children's, Holden Perinatal Hospital/Women's/Psychiatric Hospital. Total support for Mott's multi-million dollar budget comes from patient charges and contributions from organizations and individuals. And that budget finances not only patient care and hospital maintenance, but also life-saving equipment and procedures.

Since its inception two years ago TWIGS has raised more than \$100,000 which has purchased some much-needed expensive equipment. Some examples: a ventilator (\$6,000), ECMO Bed (\$8,500), Neonatal ICU bed and warmer module (\$7,135), Central Physiological monitoring center (\$20,000), infant warmers (\$7,700 each) and critical bed (\$4,655).

TWIGS is not all hard work, however. It's fun, too. The 1989 fundraising year got off to a sparkling start in October with a fundraiser generously sponsored by Village Green of Ann Arbor and featuring a dazzling display of contemporary jewelry by noted Ann Arbor designer Matthew C. Hoffman. All proceeds were donated to TWIGS for Mott Children's Hospital.

December marked the annual Christmas Tree Sale, coordinated with Domino's Farms. A special thanks goes to Tom Monaghan for his cash contribution to cover expenses of the sale for personnel and space to display decorated trees and sell garlands, wreaths and freshly cut evergreen trees.

Upcoming events will include the June 2 Spring Into Summer fair, a family fun day featuring games, kiddie-rides, homemade tasty foods and an auction of a variety of household and personal articles. Raffle tickets will also be sold for a cruise, computer and other items. Volunteers are needed, and if you can help sell tickets or would be willing to devote a few hours manning a booth, call Becky Belknap at 971-2688.

Capping the Spring events will be a Rock n' Roll Party scheduled for June 8 at the Radisson Resort and Conference Center in Ypsilanti. Stated for the evening are dancing to the rollicking music of Moose and da Sharks, delectable edibles and a silent auction featuring many exciting gifts, including two tickets to Hong Kong, courtesy of Northwest Air-



Members of the TWIGS Executive Committee: left to right, Shirley Midyette, Jeri Kelch, Thais Peterson, Elizabeth Rhine, Becky Belknap, Susan Lerch. Front row, Ann White-President, Judy Segalini and Judy Freedman. Not pictured: Sally Crudder.

lines. For further information and tickets, call Steve Gaucher at 998-7704.

Every cent counts and every helping hand is welcomed. TWIGS' ultimate objective is to establish groups throughout the city, county and state. If you already belong to a social group, sports club, book club, food co-op, bridge, yoga or golf group, whatever your pastime or passion, you can form a TWIGS group and share in the joy and satisfaction of helping care available. If you work full time, perhaps you and your colleagues could organize a monthly evening or weekend event and chip in your change for TWIGS. And if you have a few hours to spare, TWIGS needs you to staff tables, plan and promote events.

organize and coordinate sales, or volunteer to serve the hospital in a variety of capacities.

TWIGS has already welcomed its first satellite group from Novi-Walled Lake, members of the Delta Kappa Gamma Society International, a professional teachers organization. The group will help with activities for the Spring Into Summer fair.

If you or your group would like to give a few hours of your time or if you would simply care to be counted as a supporting member of TWIGS, please contact one of the officers below, or send your \$20 check for a year's membership to:

TWIGS of C.S. Mott Children's Hospital
P.O. Box 7993, Ann Arbor, MI 48107
One last appeal to all you laser printer owners:

Access Computers is offering TWIGS dollars for used laser printer ink cartridges. Please give us a call if you have a laser printer, and we will gratefully pick up your used cartridges.

1989-90 TWIGS Executive Board members:

President Ann White
Vice President Judy Segalini
Treasurer Sally Crudder
Secretary Susan Lerch
Solicitations Becky Belknap
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Psychosocial Dwarfism: The link between emotions and growth

Psychosocial Dwarfism, or PSD, an often reversible, emotionally-induced pituitary disorder can result in dramatic retardation of developmental growth

...of a perfectly normal 3-year-old child... The only physical evidence... in her teeth. Everything... heart rate, blood pressure,...

Ann Arbor started as well. Although... she frequently regresses to... the presence of her... she says 3...

...wets the bed... tantrums, wets the bed...

...despite her small size. In fact... she compulsively...

...leaves the house... several whole pies... non-food items such as...

...garbage and dog food. Her... She has been... water from the sink, the toilet...

...psychosocial dwarfism, or PSD, an often reversible, emotionally-induced pituitary disorder... Children with... 3 and 4. They have no hereditary...

...While Anna is a fictitious, composite character, she represents many of the most classic symptoms of psychosocial dwarfism.

...In addition to dramatic growth retardation, these children have a history of... such as... and hoarding...

...abnormal behaviors can include... chronic depression... self-injury, and general...

...Many also are accident prone and have poor... delayed language development...

Victims of emotional deprivation

A common denominator among psychosocial dwarfs is that they are victims of emotional deprivation, both subtle and overt, says Nancy J. Hopwood, M.D., a professor of pediatrics and communicable diseases in the Pediatric Endocrinology and Metabolism Service at the University of Michigan Medical Center in Ann Arbor.

PSD represents one end of a wide spectrum of emotionally induced growth disorders, Hopwood says. "Environmentally-induced growth retardation associated with psychosocial deprivation, emotional stress and/or neglect may be the most common single cause of deviant growth in infants and children in the United States today. All too often, however, the child's small stature is ascribed to other causes because environmental factors are unappreciated," she says.

"Among preschoolers and children who are growing slowly and don't have a known medical illness, the incidence of emotional component growth failure is at least 50 percent," she continues. However, Hopwood is quick to emphasize that not all children with stress-induced growth disorders are psychosocial dwarfs. "We see children all the time who experience periods of slow growth that may be emotionally based, but they don't have the classical symptoms of psychosocial dwarfism," she says.

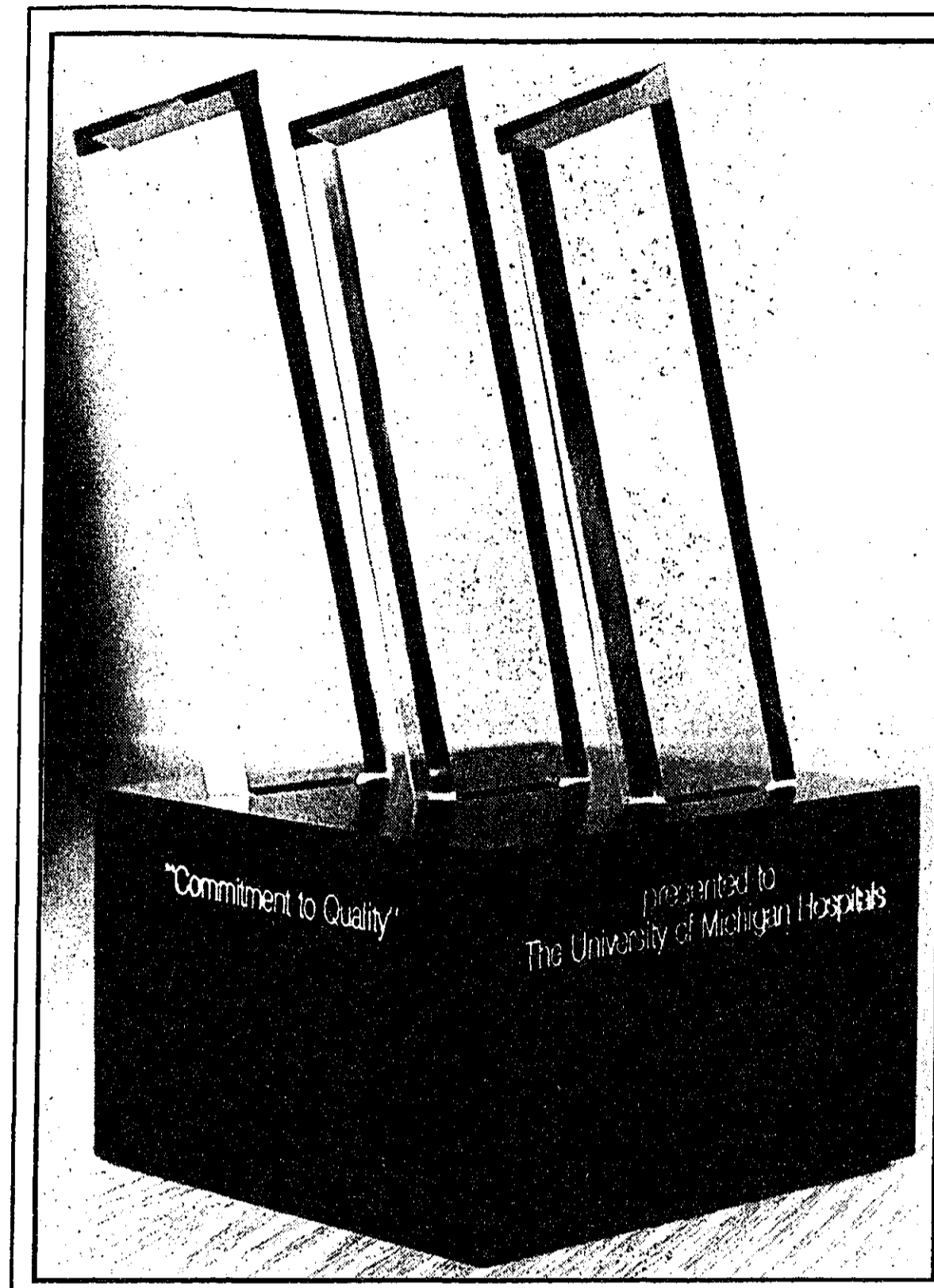
The most striking feature of PSD is that physical and developmental growth resumes at an accelerated rate almost immediately upon removing these children from their family environment, Hopwood says. The earlier the intervention, the more dramatic the improvement.

"In very severely growth-retarded children with PSD if you put them in a different environment, such as a hospital, they start gaining weight right away, even though they're not eating any differently... Some of these young children can gain 3 or 4...

...See DWARFISM, page 8



No, he's not a medical student, he's Kroger's famous "Alex the Meat Cutter" visiting young patients at C.S. Mott Children's Hospital. For the past two years, Kroger has supported C.S. Mott Children's Hospital by selling Holiday Gift Tags. Left to right are: Tammy Ostentoski, R.N., Rebecca Monticino from Adrian, and Alex.



The 1990 Health Care Forum Witt Award

U-M Hospitals win award

The University of Michigan Hospitals received the 1990 Health Care Forum Witt Award at the 75th Annual Health Care Forum. The award was established in 1987 to identify and honor health care providers committed to delivering high quality health care services. The award recognizes excellence in team leadership at board, executive, and medical staff levels.

Heal the Children treats needy children of the world

Heal the Children, a nationwide program dedicated to helping the children of the world, has established a home for its international heart patients at the U-M Medical Center Department of Pediatric Cardiology.

The program established at U-M Medical Center accompanied Dr. Edward Bove, director of the Pediatric Cardiac Surgery Program, when he moved from the New York area to practice at the Medical Center two years ago.

...approached by Mr. and Mrs. Tom McDonald, the parents of a former heart patient... wished to fund a program to help children who otherwise would be unable to afford needed medical treatment.

...Dr. Bove responded to their request by informing them of the great need which exists in other countries where life-saving surgery is unavailable. The McDonalds were very interested in this idea because they wanted other children to have the same opportunity as their child.

"Basically through their generosity," Dr. Bove said, "The McDonalds funded this project when I came out here." And the McDonalds continue to fund this program. They give us a certain amount

of money each year," explained Dr. Bove. "We try to do our best with it." Unfortunately, the team at U-M Medical Center frequently has funding problems towards the end of the year. "We had hoped, in the past, to recruit people and corporations to donate other monies. We just haven't been successful," said Bove.

Upon his arrival in Ann Arbor, Dr. Bove committed to the program. All the physicians involved donate their time and waive their professional fees to help make this program a success.

"Many times the children who seek medical help at U-M arrive with not only heart disease but also parasites, lice, and very bad teeth." Everyone helps, from the cardiac team to the dentists, the infectious disease staff and on down the line. "We try to take as many children as we can with the amount of money we have. It usually means only a handful of children," states Dr. Bove. Twenty-eight hospitals in Michigan are involved in this program.

"Although U-M does all of our cardiac patients, many of the children who are hosted in this area are also assisted by the medical teams at St. Joseph Hospital and Chelsea Hospital," explains Donna Baird, local coordinator.

Each case varies depending upon the complexity of the problems. "We try to accept out children that we are reasonably confident we can help," explains Dr. Bove. "Sometimes these children have such advanced diseases that they are inoperable. It is survival of the fittest in some of these countries. Although they are stricken as infants, their problems are not serious enough to keep them from developing into young children and these

are the kids who become inoperable because of irreversible changes in their hearts and their lungs." According to Dr. Bove, "It would be nice to somehow influence these children as babies. That is when we do this type of work routinely here (the United States)." The children are assisted through Heal

"We try to seek out children that we are reasonably confident we can help. Sometimes these children have such advanced diseases that they are inoperable... It would be nice to somehow influence these children as babies."

the children by a medical team that travels to other countries once a year. The team performs those medical procedures which are possible in a "not so sterile" environment. While the medical team is in that country, they also prepare referral cases for between 300 to 400 children. A medical package is prepared for each

The Ann Arbor News is proud to support the programs at C.S. Mott Children's Hospital.

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Coach supports Mott Children's Hospital



Proceeds from the Michigan - Seton Hall men's basketball game played in Las Vegas in December 1989, were given to charities of each coach's choosing. The University of Michigan's Basketball Coach Steve Fisher, right, was pleased to present a check of \$20,000 to C.S. Mott Children's Hospital. Accepting the gift were Saunders Midyette, left, Associate Director and Administrator, and Robert Kelch, M.D., chairman of the Department of Pediatrics and Communicable Diseases. Coach Fisher, a member of TWIGS (story on page 3), also made a generous personal contribution to C.S. Mott Children's Hospital at the same time.



NET WORTH: Proceeds from the Northwest Airlines Celebrity Tennis Challenge held earlier this season were donated to C.S. Mott Children's Hospital by NWA representatives Arche Yawn, right, and Molly Walsh, second left. Accepting the gift on Mott's behalf were Rubeen White, Jr. of Inkster, left, and Jennifer Keil of Allen Park, second right. Rodney P. Johnson, Northwest's District Sales Manager, who helped make this gift possible, was unable to attend the presentation ceremonies. Northwest Airlines is a major sponsor of C.S. Mott Children's Hospital Week.



RECYCLED COMPUTER CARTRIDGES - GOLD FROM OLD INK. John Coffee, Vice President of Access Computer Products, Inc., displays empty ink cartridges from laser printers ready for recycling. Access donates \$6 to C.S. Mott Children's Hospital for every cartridge turned in for recycling. If your company would like to join Ford Motor Company and Masco Industries in this project, please call Steve Gaucher at 998-7704, or John Coffee at 677-4000.



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- June 2 - "Imagine That." Stories from near and far, presented by TheatreEtcetera.
- June 9 - Living Science Foundation gives kids a hands-on introduction to live animals.
- June 16 - Julie Austin of the Song Sisters and Myron Grant present children's songs and stories.
- June 23 - David Jack, children's recording artist, performs great songs for kids to dance to.
- June 30 - The Suzuki Violinists from The Novi and The Jewish Community Center Suzuki Programs perform classical and contemporary songs.
- Every Week - Y.E.S. mascots, the MOPO BEARS, perform after every program, with additional performances at 1:00 p.m. on June 2, 9 and 16. Meet the MOPO BEARS on June 23 and 30. Presented by Maloney Productions.

MOPO BEARS coloring contest.

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Those who help

Many individuals, companies and organizations took the time to organize a fundraiser for Mott Children's Hospital during the past year. Some groups have supported hospitalized children at the Medical Center long before Mott Children's Hospital ever opened. Kiwanis of Michigan and Kings Daughters have made yearly donations since 1922. The Galens Medical Society began its support in 1925. To those who have given money on a yearly basis and those who gave for the first time this year, the patients, their families, the faculty and staff at Mott Hospital are very grateful.



We salute Scout Troop 4 and Troop 61 who helped with Mott projects. Front, left to right, Matt Stanich, David Fuester, Eric Dyer, Jon Morrison, Charlie Piersensky, Chris Lahey. Back, left to right, Matt McAttee, Chris Morrions, Scott Hagen, Rob Marlotte, Eric Olson, Brook Hall.



"Fat" Bob Taylor and Lucy Ann Lance of WPZA radio in Ann Arbor held an "on the air" auction for Mott Children's Hospital.



Warren Pierce of WJR radio held an auction during the week of the Ohio State-Michigan football game raising more than \$2,000 for Mott Hospital.



Members of Lambda Chi Alpha fraternity from Eastern Michigan helped sell Christmas trees at Domino's Farms. They also volunteer on a regular basis at Mott Children's Hospital.



Our friends at Rick's American Cafe raised several hundred dollars for Mott Children's Hospital this year.

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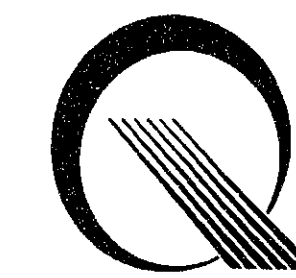
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Judy Segalini



Ted Schwarz

Co-chairs to be honored

In recognition of their dedication to C.S. Mott Children's Hospital, Hospital Week co-chairs Judy Segalini, and Ted Schwarz, will be honored at the Classic Rock and Roll Party Friday, June 8th, to be held at The Radisson Resort and Conference Center in Ypsilanti.

CAMP

continued from page 1

interact, and offer their frustrations. They experience such isolation because they can't leave the house, and their friends sometimes feel uncomfortable coming over.

It was from this support group's summer quarterly meeting last August that the idea of a summer camp was born. One parent mentioned how her boy had always gone to camp before his severe neuro-muscular disease made him ventilator-dependent, and if there was one week out of the year they could look forward to, their lives would be easier.

Dekeon went to work exploring the idea. By November, she was referred to Camp Fowler and began to realize that the distressed parent's dream could become reality.

"Camp Fowler is about 10 years old and it's absolutely perfect," said Dekeon. "It's used for mentally handicapped children and adults, so it has all the facilities."

The entire camp, including its nature trails, is wheelchair accessible. A pontoon boat large enough for five wheelchairs will be used for fishing, even by the children who cannot move their limbs.

Besides fishing, the kids will be doing various arts and crafts, going on scavenger hunts, and writing and participating in skills.

These activities will help the children express themselves artistically, intellectually and socially. The camp's philosophy is that although these children have "special" needs, they also have "normal" needs. Trail's Edge is designed to meet both.

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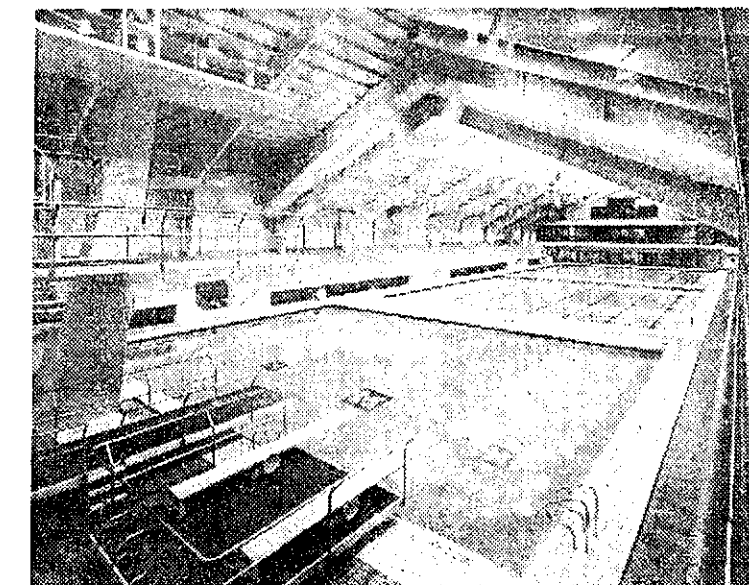
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Pediatric researchers working for healthier, happier children

As the last decade of the 20th century dawns, pediatric researchers at the University of Michigan Medical Center are working to ensure healthier, happier lives for the children of the 21st century.

The U-M's Department of Pediatrics and Communicable Diseases is on the cutting edge of research into possible therapies and eventual cures of genetic disorders such as cystic fibrosis and Down's Syndrome that can cause malformation and mental retardation in children.

Dr. Robert P. Kelch, chairman of the department, divides the research into two general areas: clinical, physiologically-oriented work, and molecular and cellular biological research. Scientists working in the latter area experiment with genetic engineering techniques, attempting to solve the riddle of genetically transmitted diseases, while those in clinical research are involved in such areas as the testing of new drugs.

"The research of the department spans from practical clinical studies to someone working on a basic level trying to understand the minute alterations of a gene that will lead to a severe disease," Dr. Kelch said. "It'll take a little bit of time before that basic information is turned into some sort of gene therapy or drug that can be taken to the bedside. What's exciting is that it isn't taking anywhere near as long as I thought it would."

In the mid-'60s scientists were just learning how genes worked, and now scientists are routinely isolating genes in attempts to single out defects and correct them.

"Science is moving very quickly," said Dr. Kelch. "The time from basic discovery to clinical application has shortened rather dramatically."

Treatment of patients with abnormal immune systems being done at Mott Hospital is an example of how basic genetic research can be applied clinically in a matter of a few years.

Investigators in several laboratories, including some at Mott, discovered that some cells release hormones which regulate the functions of other cells. One such hormone is granulocyte-colony stimulating factor (G-CSF). G-CSF regulates the actions of white blood cells, the body's chief defenders against infection and inflammation. Over the past year, 40 patients with white blood cell deficiencies, most of whom suffered from chronic infections, have all been successfully treated with G-CSF at Mott under the direction of Laurence A. Boxer, M.D., professor of Pediatrics and director of Pediatric Hematology/Oncology Service.

This type of genetic research accounts for about

two-thirds of the enormous amount of research in progress in the department which has an annual research budget more than \$5 million.

"We're looking at all sorts of genetic diseases that control normal development of the brain and body, diseases that afflict patients and cause severe mental retardation," said Dr. Kelch. "We're using genetic engineering to understand the very basis of these disorders, such as isolating the gene for a certain type of malignancy, then determining why the gene is abnormal, what the abnormality means, and finally developing a way to treat it, prevent it, or both."

Working to solve malignancies is Edward Prochownik, M.D., Ph.D., associate professor of Pediatrics, who is doing research with oncogenes, a special type of gene involved in cell differentiation, related to normal and abnormal cell growth. Dr. Prochownik's research is breaking new ground into the determination of how cells become malignant, or cancerous. Once that is determined, Dr. Kelch pointed out, a better way of combatting malignancies can be found.

Dr. Kelch said that the biggest steps can be made when scientists not only isolate the genes for genetic disorders, but find ways to put back the normal gene into enough cells to cure those genetic diseases. "I believe that's a process that will happen over the next ten years or so," he said.

In clinical drug research, Dr. Kelch pointed out the work of Robert Levy, M.D., associate professor of Pediatrics and Pharmaceutics, a pediatric cardiologist who is developing a way of delivering drugs directly to the heart and various components of the heart. He is trying to prevent calcification, or blockage, of artificial valves in children with heart defects, the primary reason for the failure of artificial valves.

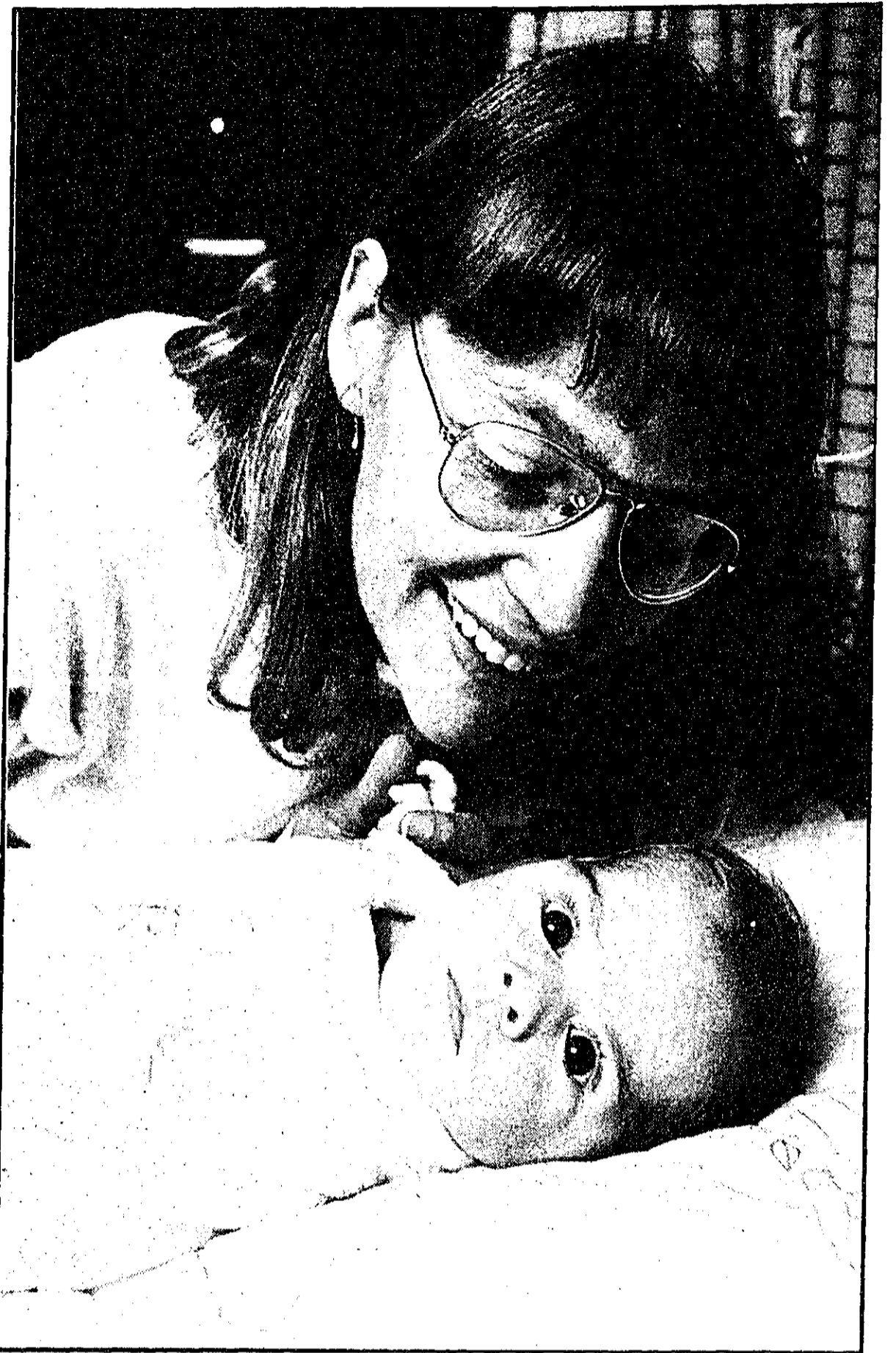
Dr. Levy has developed a ring that, when surgically placed around the artificial valve, releases a special chemical to prevent calcification. The chemical is localized to the heart, and not enough of it gets into the rest of the body to do any harm. Similar rings are also being tested in animals to treat irregular heartbeat.

Mott pediatric specialists are undertaking many other research projects at the facility and at the Clinical Research Center, both in actual clinical testing, and on the most basic level of genetic research.

Dr. Kelch, like any scientist, is optimistic about the immediate future. "I think that over the next decade we will be involved in studies that will unravel the basic causes of genetic disorders."

"Science is moving very quickly. The time from basic discovery to clinical application has shortened rather dramatically."

Dr. Robert P. Kelch



MIRACLE BABY: One of the youngest and smallest heart recipients in the nation, six-month-old Kevin Kennedy of Traverse City, plays happily with his mother, Laurel Puckett. Kevin received his heart transplant at C.S. Mott Children's Hospital last December - when he was eight days old.

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The wealth of diversity here never ceases to amaze me. Especially the people. Some are trendy, while others are more conservative. And I'm fascinated that they all seem to gravitate to one place — Briarwood. Some purchase Nike Air Jordans, denim jackets, and maize and blue rugby shirts embossed with the name of the local university. Others opt for attache cases, trench coats and fashionable suits. With the selection at Briarwood, people here really do have freedom of choice. Only in Ann Arbor.

Some of the diverse items found at Briarwood

BRIARWOOD
Hudson's, Lord & Taylor, JCPenney, Sears and other 120 great stores and services
194 at State Street, Ann Arbor, M.S. 10am-9pm, Sunday, Noon-6pm (515) 761-9550.