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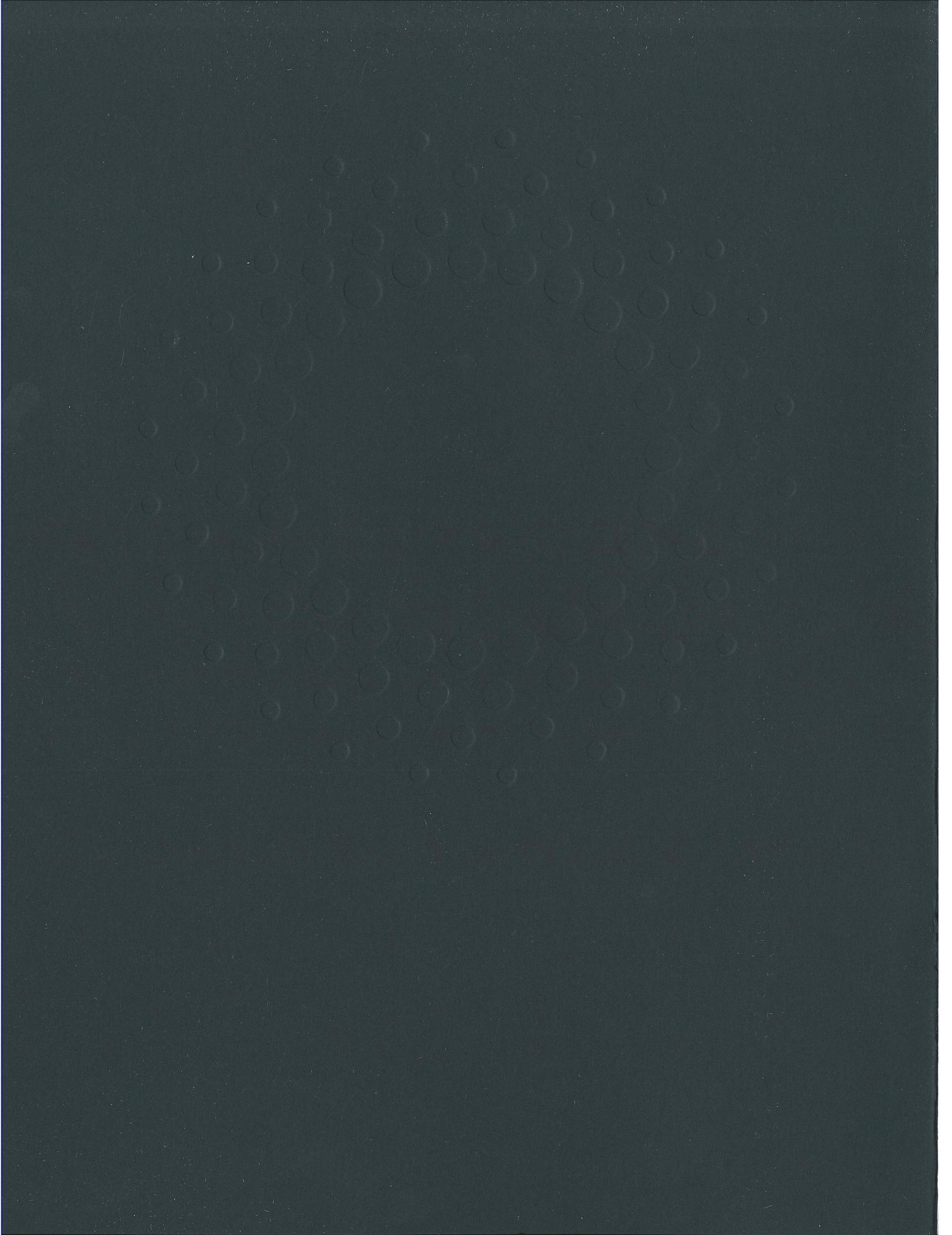
TRADITION

meets

INNOVATION



ELLIS FISCHER CANCER CENTER





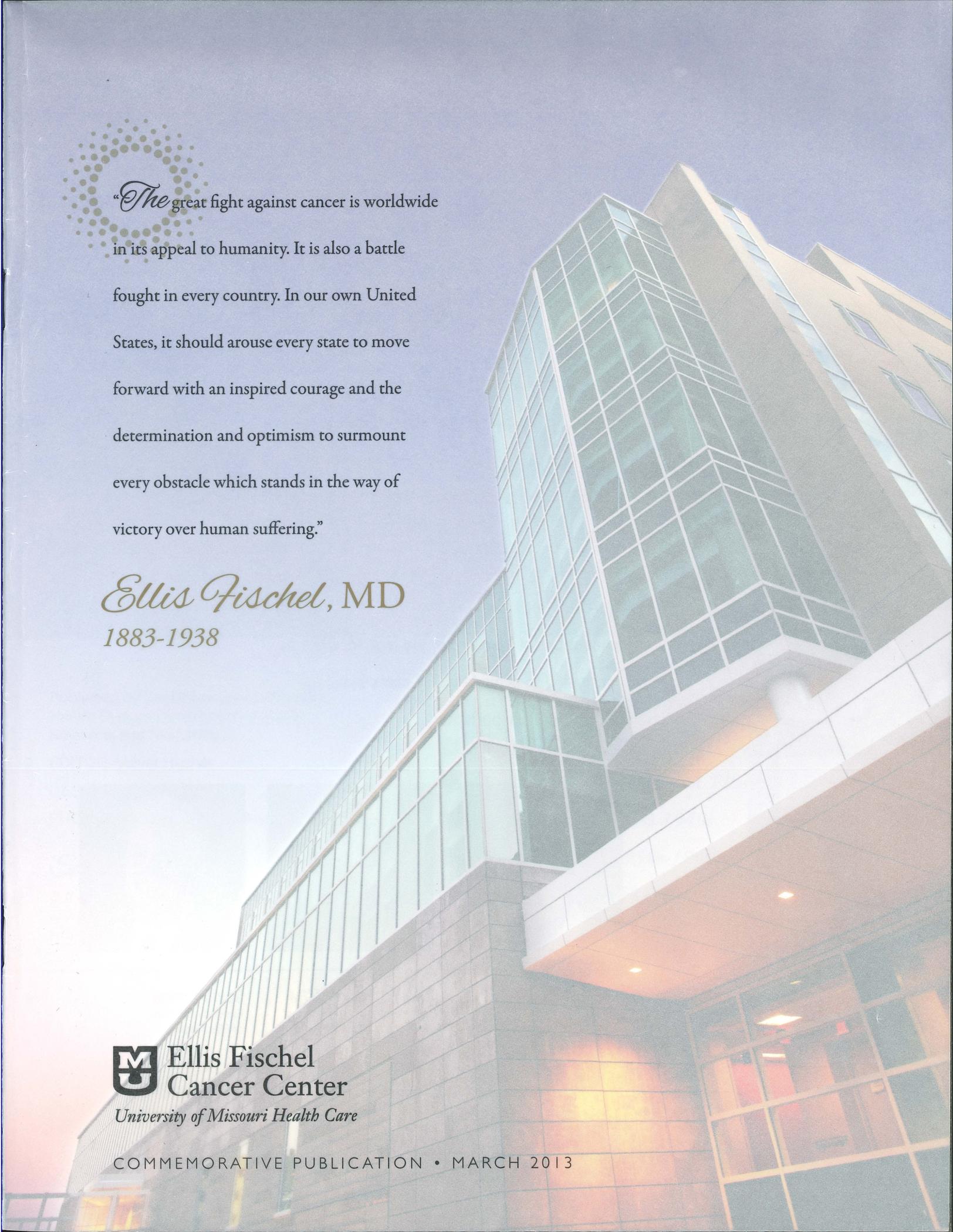
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Ellis Fischel, MD
1883-1938



**Ellis Fischel
Cancer Center**
University of Missouri Health Care

COMMEMORATIVE PUBLICATION • MARCH 2013





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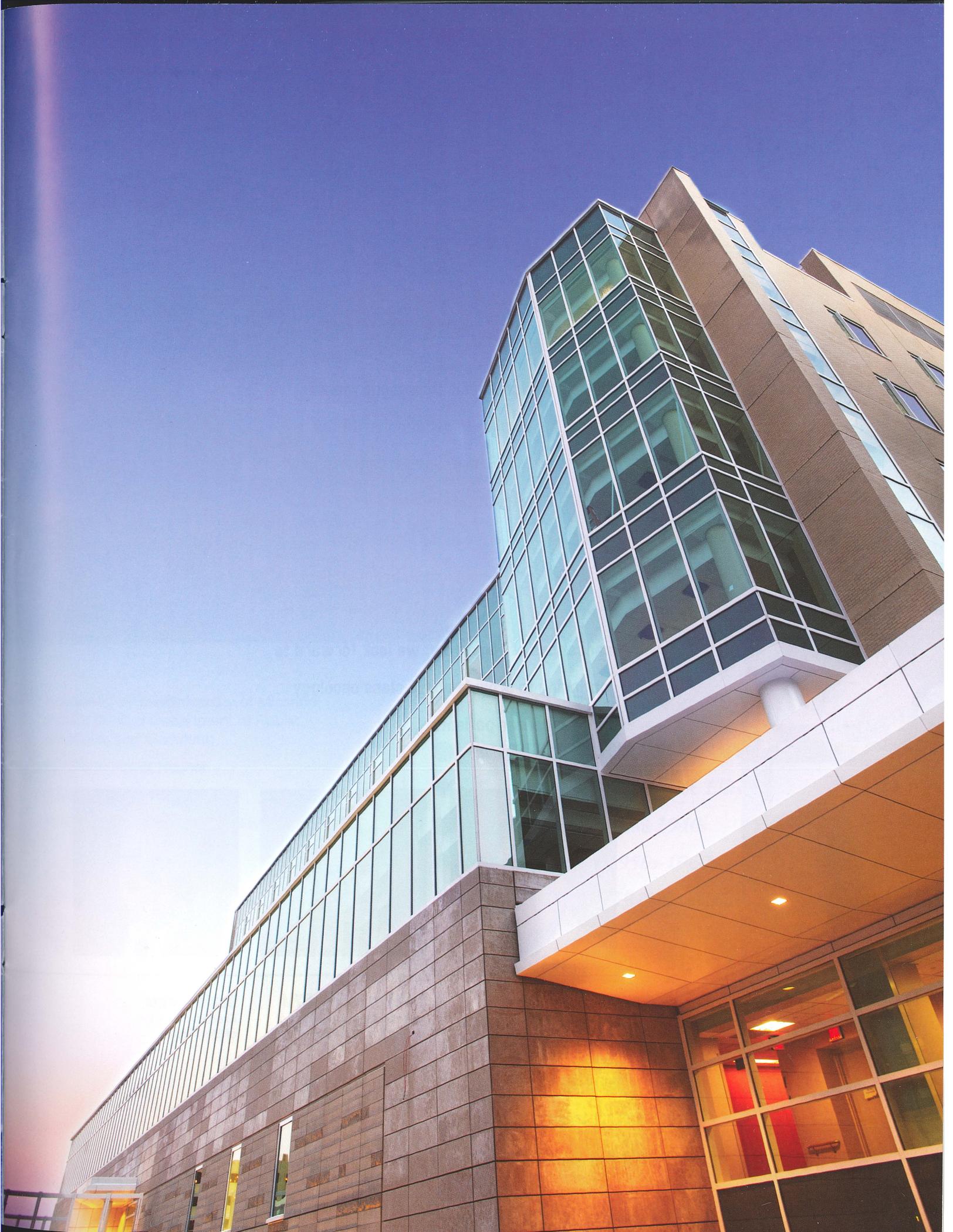
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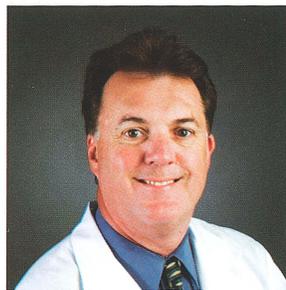






Welcome!

It is our distinct honor to present you this special publication to commemorate the opening of Ellis Fischel Cancer Center's new home. As we mark this exciting time, we reflect upon Ellis Fischel's rich history as a trailblazing cancer hospital. Building upon our tradition of excellence and embracing the innovations of tomorrow, we look forward to continuing to provide world-class oncology care for cancer patients.



Paul Dale, MD
Interim director of clinical services at Ellis Fischel



Carolyn Henry, DVM
Interim associate director of research at Ellis Fischel



David Parker
Executive director of Ellis Fischel



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of Ellis Fischel Cancer Center for providing
historical pictures and newspaper clippings*

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SETTING THE FOUNDATION As the United States was on the brink of a world war in 1940, Ellis Fischel Cancer Center opened its doors in Columbia, Mo., to wage a war on cancer. Our center was the first state cancer hospital west of the Mississippi River.

In the 1930s, the state of Missouri spent \$2 million a year on fighting tuberculosis but nothing on cancer — a disease that was killing twice as many Missourians as TB. Governor Lloyd C. Stark set about to change that. He had the backing of members and physicians in various organizations, including the Missouri State Medical Association's Committee on Cancer, the Barnard Free Skin and Cancer Hospital in St. Louis and the American Society for the Control of Cancer.

Stark began his term as governor in 1937, the same year the federal government established the National Cancer Institute. In his inaugural speech in January 1937, Stark stressed the importance of offering a cancer hospital available to "the humblest citizen." In May of that year he signed a bill to establish this hospital and a state cancer commission.

Ellis Fischel, MD, was appointed chair of the state's Cancer Commission. A prominent St. Louis physician, Fischel had dedicated his career to the study and treatment of cancer and voiced his concern about the lack of cancer care in rural Missouri. The commission was charged with supervising the maintenance of the state's cancer program.

The original bill called for the hospital to be built in Columbia under the authority of the University of Missouri, but legislators from other parts of the state suggested various locations. Columbia was eventually selected due to its central location in Missouri and the City of Columbia's donation of 40 acres of land for the hospital.

The 40-acre tract of land was previously farmland owned by Leslie T. and Nellie Proctor. The land was originally located beyond Columbia's city limits, so the city limits were extended for use of Columbia's utilities for the hospital. The site is located on I-70, which was at that time Highway 40, Missouri's major east-west highway.

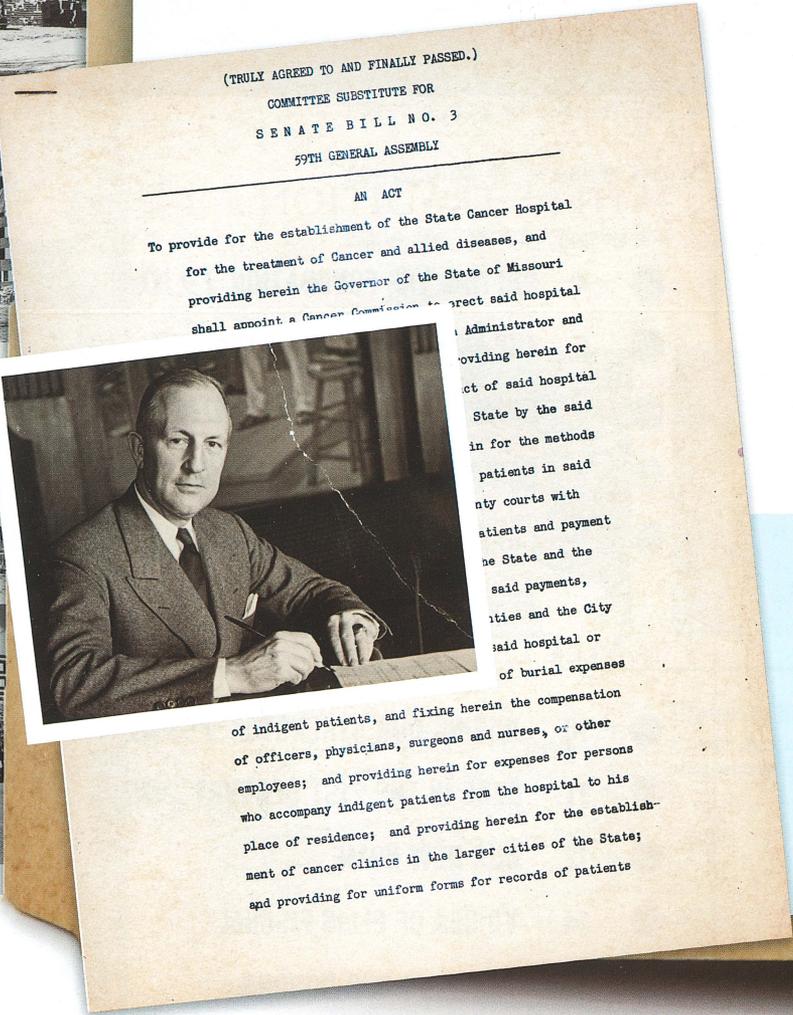
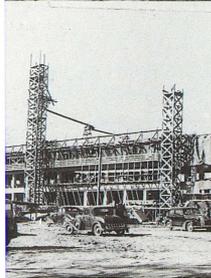
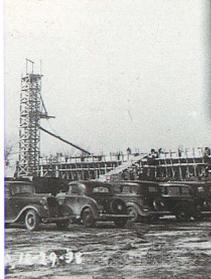
Construction was funded by an appropriation of \$500,000 from the legislature and \$409,000 from the Public Works Administration. Jamieson and Spearl, St. Louis architects, designed the building.

Tragically, Ellis Fischel was killed in a vehicle accident in May 1938 en route to Jefferson City on Cancer Commission business. Four months later, construction crews began groundwork for the state cancer hospital that would ultimately bear his name and laid the cornerstone for the facility in December of that year.

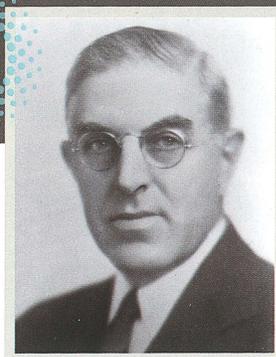
Missouri Governor Lloyd C. Stark (pictured at left) was influential in passing a bill to create Ellis Fischel State Cancer Hospital. When he signed the bill in May 1937, he sent a telegram to Ellis Fischel, MD, concluding with the words, "Many precious lives will be saved by the prompt treatment made possible by this law."

FAR LEFT: Missouri materials were used as much as possible in the construction of the hospital.

"Many precious lives will be saved by the prompt treatment made possible by this law."
- Lloyd C. Stark



THE MAN BEHIND THE NAME: *Ellis Fischel, MD*



Ellis Fischel Cancer Center is named in honor of a St. Louis surgeon who devoted most of his life to ensuring all cancer patients received early and proper treatment. Missourians were so inspired by his work that they built the first state cancer hospital west of the Mississippi River.

Family tree

Ellis Fischel was born July 3, 1883, in St. Louis to parents Martha and Washington Emil Fischel. His mother gave him her maiden name, Ellis, for his first name. Ellis' father was a founding member and physician at the Barnard Free Skin and Cancer Hospital and a leading internal medicine physician at St. Luke's Hospital in St. Louis. Ellis' brother, Walter, became a physician. His sister, Edna Gellhorn, marched with suffragists seeking the right to vote and organized the St. Louis League of Women Voters three months before the 19th Amendment was ratified. Ellis' niece, Martha Gellhorn, has been described as one of the greatest war correspondents of the 20th century. She also was briefly married to Ernest Hemingway.

Ellis' sister described him as having thick, black hair, a firm mouth and chin, a large nose, and large eyes and ears. The tip of one of his ears accidentally was snipped off by a barber when he was young. As an adult, Ellis stood six feet tall, and fellow surgeons noted his large and capable surgical hands. Like other pioneers, Fischel worked too closely to radium before modern precautions were discovered, and the radioactive material used in early radiation therapy created precancerous warts that blistered his fingertips.

The path to medicine and family life

Ellis Fischel enrolled at Harvard University in 1900, where he played on the university's baseball team and was a classmate of Franklin Delano Roosevelt. After graduating from Harvard in 1904, Ellis moved to Newark, N.J., and worked as a molder at a factory owned by a cousin. After only four months of factory work, Ellis was persuaded by his mother to attend medical school and follow in the footsteps of his father and brother.

Ellis also met his wife, Marguerite Kauffman, in 1904. They wed in May 1913 after dating for nine years. Marguerite composed music and wrote a book, "The Spastic Child," which was published through three editions. The Fischels had two sons, Ellis Jr., who was paralyzed from birth, and John. In 1908, Ellis received his medical degree from Washington University in St. Louis and then completed a two-year internship at St. Louis City Hospital. He proceeded to study abroad in Berlin and London where he studied surgical methods.

Ellis began treating cancer patients at a charity hospital in St. Louis during World War I. Many physicians at the hospital had left to serve in the war, and Ellis stepped in for them while he cared for his paralyzed son.

"Chance led to the surgical service at a charity cancer hospital — service which has given me the greatest individual satisfaction and stimulation to greater endeavor," he wrote.

The surgeon attacked cancer in every part of the body — even the brain — and was among the first to use radium as a weapon against the disease. As a member of the Missouri Medical Association's Cancer Committee, Ellis persuaded the American Cancer Society to conduct a statewide cancer survey. The results showed that poor Missourians were in critical need of cancer care.

Armed with the survey and his experiences caring for cancer patients, Ellis asked elected officials to support his plan for a state cancer hospital. The plan was approved and construction of the building began in January 1938. Ellis was named the first chair of Missouri's Cancer Commission.

Leaving a legacy

Tragically, Ellis did not live to see the hospital completed. He died May 14, 1938, in an automobile wreck in Useful, Mo., on his way to a Cancer Commission meeting. He was 54 and died only 13 days before his 25th wedding anniversary to Marguerite. He was laid to rest in Bellefontaine Cemetery in St. Louis.

Missouri Governor Lloyd C. Stark insisted on naming the state cancer hospital for Ellis Fischel. Stark told a reporter, "I will appreciate very much your mentioning the fact that after Dr. Fischel's death I asked that the name be changed from mine to his because, in my opinion, there never would have been a state cancer hospital except for Dr. Fischel's untiring efforts."

During his 25 years in private practice, Ellis cared for 1,208 cancer patients. Of those patients, 519 reached the milestone of surviving five or more years after being diagnosed with cancer. He cared for countless more charity patients — perhaps as many as 10,000 patients who were unable to pay for their care. He wrote extensively on cancer treatment and taught at St. Louis University and Washington University in St. Louis. In biographies, Ellis is described as disciplined, highly trained, rugged, tireless, reticent, reserved, dignified, courageous, frank, honest and fair.

Ellis once wrote, *"The greatest interest in life, as I have found it, is my daily contact with my fellow man, both in health and in disease. The greatest rewards come through what we personally mean to a few obscure individuals. The greatest thrill is from public recognition of work well done. It appears to me that it is this same thrill that stimulates the football player to go through the punishing weeks of training for the 'big game,' and stimulates most of us to go through the biggest game of all, the game of living."*



Ellis Fischel's first physicians

Lauren Vedder Ackerman, MD

Pathologist

Eugene M. Bricker, MD

Surgeon

Theodore P. Eberhard, MD

Medical Director and Radiotherapist

The General Assembly paid the hospital a provision for administrative costs. The patients themselves were not charged for their care.

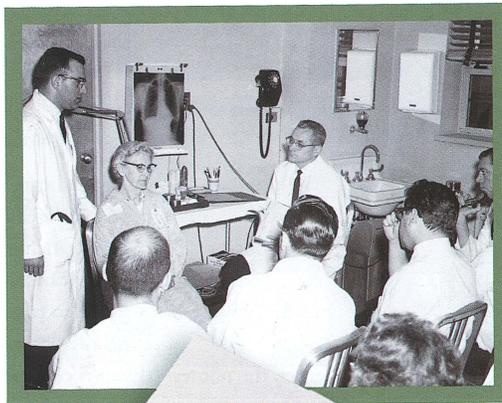
Much forethought went into the process the staff followed for patient care at the hospital. A new patient's appointment would go something like this: The patient reported to the hospital on his appointment date. A clinic charge nurse seated near the entrance greeted him as well as all returning patients. The nurse recorded the new patient's attendance and sent him to the social service department. A social service worker interviewed the patient to determine any home, family or traveling obligations or obstacles that could interfere with his treatment. The social worker then worked with local groups, county courts, the Social Security Commission and the state's health board to best meet the patient's needs so that he could receive proper medical care.

After the social worker's interview, a resident physician examined the patient. The resident physician then called in the attending physicians on staff. The resident presented the patient's medical history and his findings to the group of doctors. Working together, they determined if the patient needed any further tests and then determined a course of treatment for the patient. There were generally three scenarios: First, the patient might be discharged home with a letter to his primary doctor and no follow-up appointment set. Second, the patient might be discharged home and given an appointment to return for testing or treatment. Third, the patient might be admitted to the hospital. If he was admitted, he would be bathed and issued hospital clothing. Upon his discharge, the staff would return his personal clothing, make a follow-up appointment and send a letter detailing his diagnosis, treatment and follow-up care to his primary doctor.

Ellis Fischel State Cancer Hospital quickly attained a national reputation during its first decade. Employees were instrumental in studying the effectiveness of radiation therapy, and two Ellis Fischel physicians wrote a definitive book on cancer care.



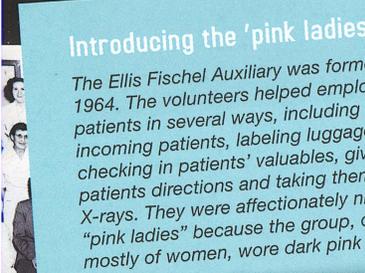
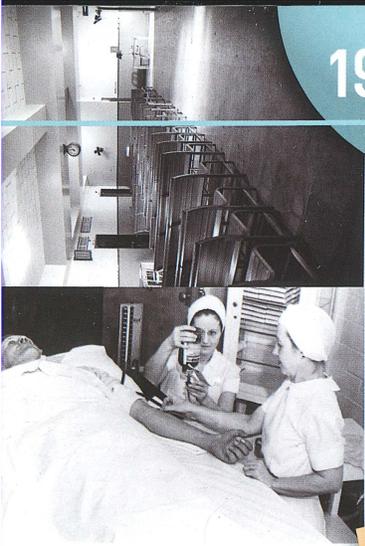
ABOVE: The state's Cancer Commission was charged with supervising the maintenance of the state's cancer program. In 1940, the commission comprised members (from left to right) Paul F. Cole, MD; Frank T. Hodgdon, chair; Frederick J. Taussig, MD, vice chair; and William M. Clark.



LEFT: The Ellis Fischel State Cancer Hospital opened in 1940 in Columbia, one year before MD Anderson Cancer Center opened in Houston. Both hospitals were trailblazers in cancer care — using multidisciplinary teams to care for patients and offering hospitals with the singular mission of caring for cancer patients.

Lauren Ackerman, MD, and Juan Del Regato, MD wrote a definitive book on cancer care. The book, "Ackerman and Del Regato's Cancer: Diagnosis, Treatment, and Prognosis," was used as a textbook in medical schools throughout the nation for decades. They autographed this copy of an early edition with this note on an opening page: "To the house-staff members and students of the Ellis Fischel State Cancer Hospital for whom this book was written."





EARLY YEARS As the 1950s began, Ellis Fischel State Cancer Hospital remained only one of five state cancer hospitals in the United States. A new form of treatment for cancers, chemotherapy, was being researched throughout the nation. In 1955, Congress created the National Cancer Chemotherapy Service Center. Ellis Fischel would become one of 30 teaching hospitals participating in this program to test various chemotherapy drugs in the 1960s.

The 1950s brought some new landscaping and technology to Ellis Fischel. In 1952, the Columbia Garden Club planted a therapy garden on the hospital's grounds. Local Kiwanis members financed it and delivered flowers from the garden to hospitalized patients.

In 1957, Ellis Fischel added a \$100,000 cobalt therapy wing. The area included a three-ton stationary cobalt machine and a smaller, rotating model to provide radiation treatments to patients. By the end of the decade, the employees at Ellis Fischel had cared for approximately 26,000 patients since the hospital opened in 1940. In the 1960s, the staff cared for approximately 2,000 hospital patients and 8,500 clinic patients each year.

a few miles away on the University of Missouri campus. In 1966, MU's nuclear reactor — the world's most powerful university reactor — began producing radioisotopes for research and clinical application. To this day, the University of Missouri Research Reactor is the nation's highest-powered university reactor and a leader in radiopharmaceutical research and other areas of research.

Celebrating 25 years

Ellis Fischel State Cancer Hospital employees celebrated the hospital's 25th anniversary in April 1965. Pictured with a cake resembling the hospital building are 25-year employees who joined the hospital's staff when it opened in 1940: from left, Joe Crews, Gladys Ray, Edith Wood, Irene McCown and Adolph Pugh.

Introducing the 'pink ladies'

The Ellis Fischel Auxiliary was formed in 1964. The volunteers helped employees and patients in several ways, including weighing incoming patients, labeling luggage and checking in patients' valuables, giving patients directions and taking them to get X-rays. They were affectionately nicknamed "pink ladies" because the group, composed mostly of women, wore dark pink pinafores.

Area Pink Ladies Do More Than Smile

Women Help Lift Staff Burdens

By SARAH STEWART
Missourian Staff Writer
Do not let those pink uniforms fool you. The pink ladies do more than just brighten the halls and cheer patients. These women work. Creating a friendly atmosphere for patients is an important function of the pink ladies as they are called, but they also perform important services for the hospital.
Checking off the list of duties required of an Ellis Fischel pink lady one might be surprised that this is a volunteer organization. For example, from 8 a.m. to 4 p.m. Mondays, Wednesday and Friday pink ladies work in the clinic. It is their responsibility to weigh incoming patients, label their direct patients in check-out and from X-rays to and from the hospital staff, but here the pink ladies



BOSS PINK LADY — Ellis Fischel Hospital Auxiliary president, Mrs. Gordon Williams, 507 Brewer Drive, is busy adding room numbers to patients mail for delivery.

With the introduction of Medicare in 1966, Missouri's legislature changed the law governing admissions to Ellis Fischel to include patients who could afford part of their costs in addition to patients who were unable to pay any costs. To keep with the original mission of our cancer center, the poorest Missouri citizens — those who could not afford any of the costs for their cancer care — were still given first priority.

While our staff was getting used to the changes that Medicare brought to Ellis Fischel, history was happening



Foundation of oncology nursing

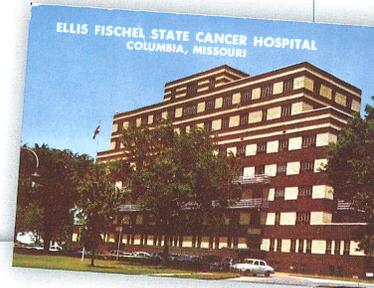
Ellis Fischel State Cancer Hospital was at the forefront of nursing education. In 1950, Renilda Hilkemeyer was hired to set up a continuing education program for nurses at the Ellis Fischel State Cancer Hospital. The overwhelming success of the program drew the attention of MD Anderson Cancer Center's director, and she was recruited to the Houston hospital, where she served as director of nursing from 1955 to 1978. Hilkemeyer is credited with revolutionizing the specialty care of patients with cancer and is recognized as the "pioneer of oncology nursing."

In the book, "Building A Legacy: Voices of Oncology Nurses," by Brenda Nevidjon, Hilkemeyer said: "I had some excellent physician mentors at EFSC, who spent much time helping me learn through new patient multidisciplinary conferences, patient rounds, follow-up clinics, time in surgery, and radiotherapy, where I could actually see what was going on. Then I could determine the nursing care needed."



CHANGING CANCER CARE LANDSCAPE

The admissions requirements for patients were expanded in 1972 to include any Missourian with cancer who was referred by a doctor or dentist to Ellis Fischel.



State officials created the Missouri Cancer Registry to collect patient information used for cancer prevention, treatment and research. The registry is now operated by the University of Missouri.

In 1973, the Missouri legislature appropriated \$7.6 million to build a new wing onto Ellis Fischel. The three-story addition opened in 1975, expanding the hospital's outpatient clinics and laboratory space and adding a new operating room suite. The hospital's exterior dramatically changed at this time. Instead of a striped painting scheme, the entire building exterior was painted with a tan weather coating to give the original facility and new addition a cohesive look.

The 1980s was perhaps the saddest decade for our cancer center in its 70-plus years of existence. Forty years after Ellis Fischel opened with three physicians, the cancer hospital once again had only three doctors on staff. The hospital also faced a nursing shortage and a yearly budget deficit of approximately \$100,000. To reduce expenses while continuing to care for cancer patients, Ellis Fischel instituted a hiring freeze, reduced its supply purchases and closed an inpatient floor.

Local community members hoping to keep Ellis Fischel open and return it to better times formed a grassroots group, "Citizens to Save Ellis Fischel State Cancer Hospital."

Mohammed Akhter, MD, then director of the Missouri State Department of Health, was appointed by the state to lead a five-member advisory board to assess the hospital and make recommendations. The board members considered moving oversight of Ellis Fischel from the state of Missouri to the University of Missouri.

In 1982, Gov. Christopher Bond signed a bill to make Ellis Fischel the state cancer center, changing the facility's name to Ellis Fischel State Cancer Center.

A few miles across town, researchers at MU's research reactor continued to make strides. In 1988, the reactor was awarded approval for its first commercial radiopharmaceutical, Ceretek, paving the way for future radiopharmaceuticals to treat cancer.

Ellis Fischel was painted tan, losing the layered colors (shown in the postcard at top), and a three-story addition opened in 1975.



Ellis Fischel Auxiliary members and volunteers deliver cheer to a patient on Valentine's Day in the 1980s. In 1984, the auxiliary opened the first gift shop at the cancer center. Since then, all proceeds from the gift shop have been donated for patient programs at Ellis Fischel.

LEFT: Mary Williamson, RN, Sandy Bailey, RN, and Karen Kay, RN, worked in Ellis Fischel's inpatient unit in 1986. Williamson and Bailey, both nurses at Ellis Fischel for more than 20 years, will serve as managers in Ellis Fischel's new inpatient unit, opening in 2013.

(Mo.) MISSOURIA



JOINING OUR STRENGTHS In 1990, Ellis Fischel Cancer Center merged with the University of Missouri, combining strengths in cancer research and treatment.

Uniting the two institutions created a stronger cancer program. Ellis Fischel became the flagship for most of the University's cancer-related programs in patient care, education, administration and research.

Following the merger, several facility improvements were made to the cancer center. A dual-beam linear accelerator and other high-tech devices were installed. Patient rooms and clinics were renovated. Upgrades to patient rooms included telephones, televisions and electrically operated beds. A short-stay center was added for patients requiring chemotherapy or blood transfusions. Patients could focus on recovery at a new rehabilitative services area that featured a beauty shop and offered wig fittings, breast prostheses, cosmetology, speech therapy and physical therapy.

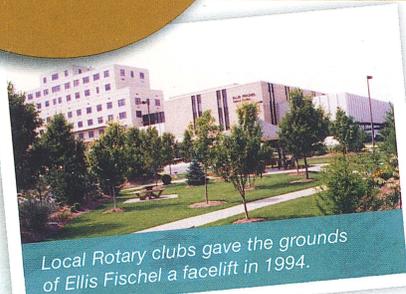
In the early nineties, MU physicians who had cared for cancer patients at University Hospital and Clinics moved to the Ellis Fischel facility located on the Business Loop, along with more oncology nurses and administrative staff. Among those moving was Michael Perry, MD, a renowned cancer clinician, educator, researcher and administrator at the University of Missouri for more than 35 years. In 1991, Perry stepped down from his role as chair of the Department of Medicine at the MU School of Medicine and became interim medical director of Ellis Fischel Cancer Center.

Various community Rotary clubs combined efforts to create a \$50,000 Rotary Garden project outside the cancer center in 1994. The new garden was designed to provide a peaceful haven to patients, visitors and employees.

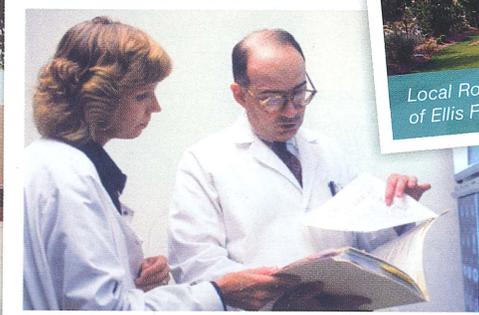
Ellis Fischel began offering mobile mammography services via a rented van in 1992. Five years later, the cancer center purchased its first mobile mammography van to bring cancer screenings and education to rural areas. The program continues today, as the van travels to more than 20 Missouri counties each year.

Joining forces with the University of Missouri strengthened Ellis Fischel's research efforts. MU offers unmatched opportunities for collaboration in animal and human health, with the state's only College of Veterinary Medicine, as well as colleges of agriculture, food and natural resources, engineering and human environmental sciences; the Bond Life Sciences Center; and academic partners in the schools of medicine, nursing and health professions; and the nation's most powerful university research reactor.

During the decade, Ellis Fischel researchers played a leading role in the first nationwide breast cancer prevention study of Tamoxifen. In 1997, MU's research reactor received approval by the Food and Drug Administration for its second radiopharmaceutical, Quadramet, a drug to relieve pain caused by bone cancer.



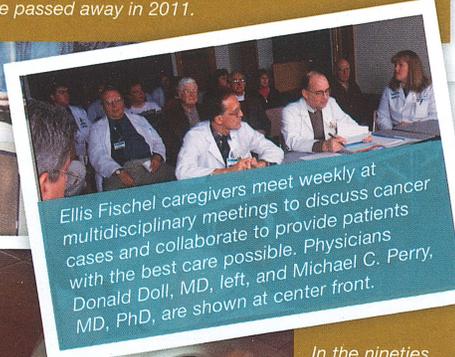
Local Rotary clubs gave the grounds of Ellis Fischel a facelift in 1994.



Michael C. Perry, MD, and Deb Ritchie, RN, nurse practitioner, review a patient file. Perry was a renowned cancer clinician, educator, researcher and administrator at the University of Missouri for more than 35 years. Perry was the editor of the books *Toxicity of Chemotherapy* and *The Chemotherapy Source Book*, both of which were widely used and respected manuals in the field of oncology. He passed away in 2011.

"Ellis Fischel needs to be recognized for what it is — a place that produces cancer survivors, a place where people come to ensure a long and healthy life."

Michael C. Perry, MD
1945-2011



Ellis Fischel caregivers meet weekly at multidisciplinary meetings to discuss cancer cases and collaborate to provide patients with the best care possible. Physicians Donald Doll, MD, left, and Michael C. Perry, MD, PhD, are shown at center front.



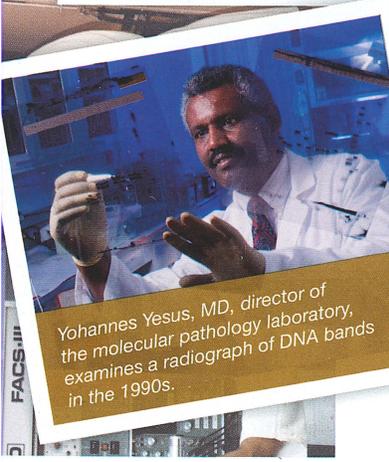
The Cancer Screening Services staff at Ellis Fischel screened patients for early detection of breast cancer (mammography shown above), plus prostate, colorectal, gynecologic and skin cancers.



In the nineties, Ellis Fischel radiation oncologists, including Steven Westgate, MD, began using a linear accelerator to target tumors.



Carolyn Henry, DVM, is one of only a few hundred veterinarian oncologists worldwide. She works with cancer researchers at Ellis Fischel on comparative oncology studies — a relatively new way to look at cancer research by combining the knowledge of human and animal cancer experts.



Yohannes Yesus, MD, director of the molecular pathology laboratory, examines a radiograph of DNA bands in the 1990s.





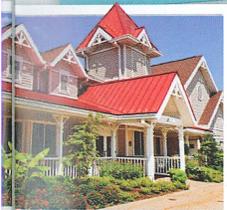
Kathy Kilgore, RPh, a pharmacist at Ellis Fischel Cancer Center, prepares a dose of Avastin.



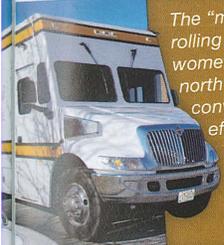
Uzma Khan, MD, performs a thyroid ultrasound on a patient.



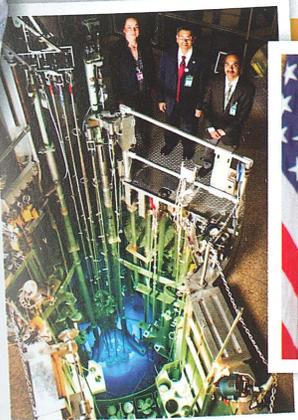
Thomas Loew, MD, leads the fight against childhood cancer for patients and families as the division director of the Children's Blood Disorders and Cancer Unit at MU Children's Hospital.



Patients and families who must travel for their cancer care find lodging and a place of respite at the Ernest and Eugenia Wyatt Guest House.

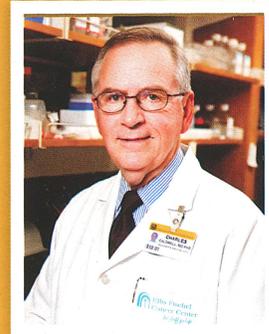


The "mamm van" keeps rolling on, providing women in central and north central Missouri convenient and efficient breast cancer screening. The mobile service began in the 1990s.



In 2013, President Obama presented MU researcher M. Frederick Hawthorne, PhD, with the National Medal of Science for his work with the element boron and developing Boron Neutron Capture Therapy for patients with cancer.

FAR LEFT: Cathy Cutler, PhD, Kattesh Katti, PhD, and Raghuraman Kannan, PhD, stand above University of Missouri's nuclear reactor, which is key to their cancer research.



Bill Caldwell, MD, PhD, emeritus professor of pathology, played critical roles in patient care, teaching and research during his tenure of more than 30 years at the University of Missouri. Caldwell retired as Ellis Fischel's medical director and the Missouri Chair in Cancer Research in 2011.

CARE IN THE 21ST CENTURY

At the dawn of a new millennium, University of Missouri's research reactor made headlines with its release of TheraSphere, a drug that used microscopic ceramic spheres to carry radiation to liver tumors. The university received a \$10 million grant from the National Cancer Institute to establish a premier center for developing radiopharmaceuticals.

Clinical services throughout MU Health Care were consolidated to reduce financial strain in the early 2000s. Ellis Fischel's inpatient services were moved from the cancer center's location on the Business Loop to University Hospital in 2000. The cancer center's inpatient units, symptom evaluation unit, intensive care unit, post-anesthesia care unit and operating rooms were moved to University Hospital. Outpatient services, clinics, faculty and administrative offices, and research space remained at Ellis Fischel Cancer Center.

This was a challenging time for Ellis Fischel, but the financial turnaround was successful. The cancer center grew following the move of inpatient units and developed in the two locations with good cooperation between the teams at Ellis Fischel and University Hospital.

Thanks to the generosity of donors and the cancer center's auxiliary members, the Ernest and Eugenia Wyatt Guest House opened in 2001, just footsteps away from Ellis Fischel's location on the Business Loop. The guest house provides lodging and a place of respite for patients and families who live more than 50 miles away and must travel for their care. The guest house is named in honor of the late Ernest Wyatt and his wife, Eugenia, a lifelong mid-Missouri resident whose sister was treated by the cancer center's namesake, Ellis Fischel, MD.

In 2004, Missouri designated Ellis Fischel Cancer Center as the state's official cancer center. At the end of the year, the center opened new laboratory space at MU's School of Medicine. The highly advanced labs were created with \$3.4 million in federal funds and another \$150,000 in private gifts raised by an annual gala for Ellis Fischel, "A Summer Celebration," held at The Lodge of Four Seasons at the Lake of the Ozarks.

In 2005, University of Missouri Health Care embarked on a strategic planning process. A facility review of the Ellis Fischel building on the Business Loop found that the 70-year-old building needed to be replaced. During the coming years, plans were developed to design and build a state-of-the-art facility for Ellis Fischel Cancer Center.

Researchers throughout the University of Missouri collaborated on cancer studies funded by the National Institutes of Cancer, including nanotechnology and comparative oncology studies with Ellis Fischel and College of Veterinary Medicine researchers.

Ellis Fischel's experts continued to use new technology in the fight against cancer, adding a Trilogy Tx linear accelerator in 2008 to deliver targeted radiation to tumors and digital mammography in 2012 to screen for breast cancer.

A genetic counselor and dietitian were added to the care team. The staff developed programs to help survivors address their health and emotional needs following a life-changing cancer experience.

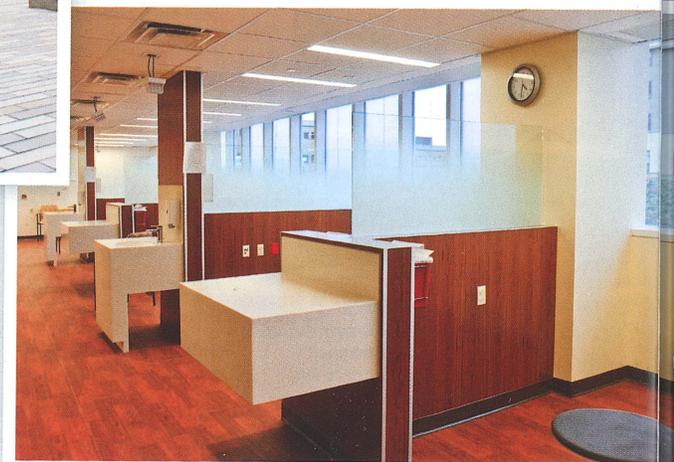
Over its 70-plus years, Ellis Fischel has played a significant role in making vast improvements in cancer care. Patients are surviving cancer like never before, and new research holds the potential for detecting cancer at its earliest stages and developing better ways to treat it.

In March 2013, Ellis Fischel Cancer Center relocated to a new patient care tower located on the University Hospital campus. The first two floors provide state-of-the-art facilities for all of Ellis Fischel's outpatient care. Patients requiring hospitalization receive care in one of the all-private rooms located on the eighth floor.

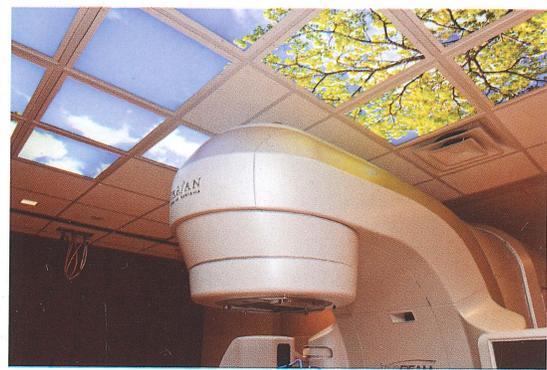
A NEW HOME FOR ELLIS FISCHEL OPENS

Ellis Fischel Cancer Center has always been committed to providing the best cancer care to patients. In March 2013, the center's caring and compassionate team moved into the new facility.

The Ellis Fischel Gala and the Brown Family Healing Garden (on left) gives patients and visitors a chance to enjoy nature. The cancer center's waiting areas look into the healing garden.



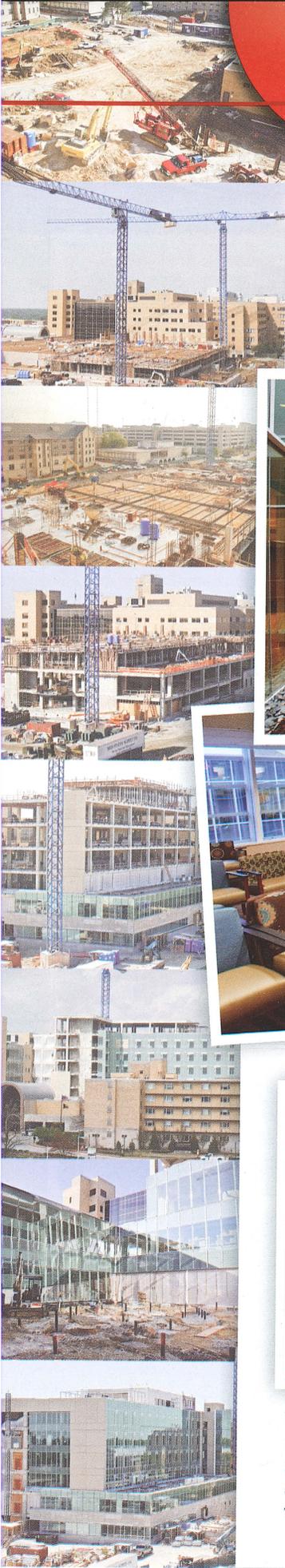
In the Michael C. Perry, MD, Ambulatory Infusion Unit, patients can choose to undergo chemotherapy treatment at a station (above) or in a private room.



The latest technology for detecting and treating cancer patients is available at Ellis Fischel, such as digital mammography and a linear accelerator, shown here, for precisely delivering radiation to targeted areas.



The facility was built as an environmentally friendly building, with features such as recycled building materials, green roofs with live plants and plenty of natural sunlight, including a two-story skylight.

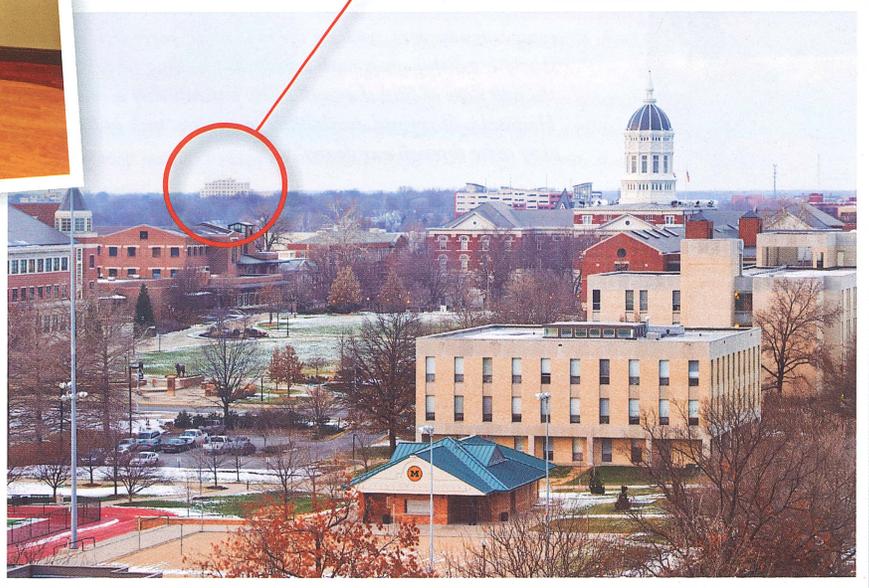


Ellis Fischel Cancer Center encompasses 100,000 square feet on the first and second floors of University Hospital's new patient care tower. Ellis Fischel's unit for hospitalized patients is located on the eighth floor of the new building.

The new home reflects Ellis Fischel's focus on caring for patients every step of the way, from diagnosis to survivorship.

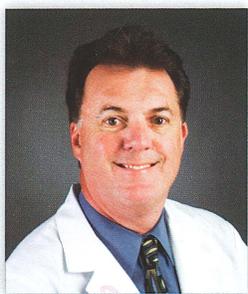


Patients can view the University of Missouri campus and miles of Columbia from their patient rooms on the eighth floor. This photo, taken from a patient room, shows the tower of MU's iconic Jesse Hall on the distant right and the original Ellis Fischel building in the distant left.



All patient rooms are private, with a private bathroom, sleeper sofa for loved ones and large windows letting in natural light. The rooms are equipped with automated hospital "smart room" technology.

SINCE ELLIS FISCHEL CANCER CENTER OPENED IN 1940, several changes have taken place such as renovations and new technology as advances in cancer care were made. However, one aspect has remained the same — a team of dedicated employees and volunteers have provided patients the best possible care in a welcoming environment. A few members of the Ellis Fischel family, both past and present, share their memories and look forward to the future.



PAUL DALE, MD

interim director of clinical services at Ellis Fischel, chief of surgical oncology and Margaret Proctor Mulligan Distinguished Professor in Medical Research, Ellis Fischel physician since 2004

"My first visit to Ellis Fischel was in 2004 during my interview for chief of surgical oncology. I encountered an institution steeped in history and dedicated to the cancer care of all Missourians, but perhaps what impressed me most was the overwhelming sense of pride and dedication to the Ellis Fischel mission I experienced from all of the staff at Ellis Fischel.

"Everyone working at Ellis Fischel — the physicians, nurses and all ancillary personnel — demonstrated a sense of collaboration dedicated to the most important aspect of their job, the patients and families who they were helping through their journey with cancer. Indeed, this sense of the Ellis Fischel 'family' was amazing to me and is one of the main reasons I came to the University of Missouri School of Medicine.

"Being a small part of that family over the past nine years has been richly rewarding to me as a person, to my career and to my family. As we bid farewell to our home of nearly 75 years and enter into a beautiful state-of-the-art facility that will serve all Missourians well into the future, one aspect of Ellis Fischel will remain steadfast and true to its mission; the Ellis Fischel family will always be waiting inside our doors to help diagnose, treat, support and guide our patients as they look to the future and a cure."

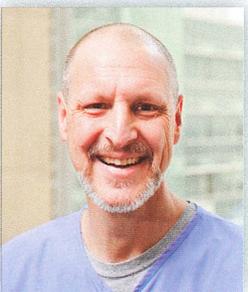


SUSAN N. ZORSCH, MBA, MHA

manager of radiology and radiation oncology, Ellis Fischel employee since 1997

"I have been a patient at Ellis Fischel for two different cancer diagnoses, and I received outstanding care and compassion. As a staff member I get to give back to the cancer program as part of the care teams that treat our cancer patients every day. It's a privilege to work side-by-side with people who care so much about helping patients and families through the treatment process.

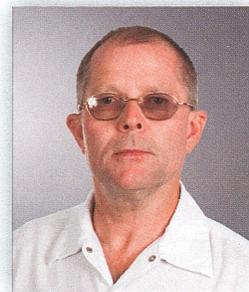
"I'm very excited about the new facility. We will be able to offer our patients the same great compassionate care, with an upgrade to the surroundings and some of our treatment options. The facility is beautiful. There are spacious waiting areas with a beautiful healing garden to visit. We have a new PET/CT and linear accelerator, all located inside the first floor of Ellis that will allow patients easy access without having to go outside anymore. Being located at University Hospital will expand availability to services, such as breast MRI, in the same facility. I think the patients will love it, too, once they come through our doors."



JOE TIMKO, PHD

nursing technician and Ellis Fischel employee since 1992

"What keeps us coming back day after day are the patients and families we get to know and the mutual support among staff, which includes our doctors, nurses, nurse techs, hospitality coordinators, lab techs and anybody else who works on the oncology unit. When we are faced with a difficult situation, we tell each other, 'you can do this,' and we're able to pull together to help our patients and families."



TILFORD SPRY

supervisor of plant engineering and Ellis Fischel employee since 1972

"When I was in high school, I knew I wanted to work at Ellis Fischel. There have been so many changes through the years, but they're all for the better. The University's involvement has really been a good change and asset for Ellis Fischel. I wouldn't want to work anyplace else."



MARY WILLIAMSON, RN

manager of surgical oncology and Ellis Fischel employee since 1983

"When I started at Ellis Fischel, the patient rooms didn't have phones. We had one portable phone that we took to the patient rooms. It didn't work in all parts of the building, so sometimes patients would have to go into the hallway to take a call.

"Over the years, cancer has become more of a chronic condition. We care for so many people who survive and thrive. So many of our patients are very appreciative of their care and we develop relationships with them and their families.

"The environment in our new facility is so beautiful and everything is state-of-the-art. It is wonderful to be able to offer that to our patients and to pull our staff back together again in one building. I plan to retire from Ellis Fischel, and it's fulfilling for me to be able to say that I started and ended my career with the Ellis Fischel family together in one building."



JANE GUTHRIE, RN

staff nurse for gynecologic oncology and Ellis Fischel employee since 2005

"You can see the difference you make in people's lives at Ellis Fischel. I see it every day. I feel blessed to be a part of our patients' lives during this difficult time when they're

facing cancer. My mom was a cancer patient herself, and that is why I was inspired to care for cancer patients."



MARY JOHNSON, APN

advanced practice nurse for medical oncology, University of Missouri employee from 1970 to 2013

"The fondest memories I have of working at Ellis Fischel are the bonds I have with our patients. I have seen some of them become parents or grandparents and celebrated other milestones in their lives. There is also such a sense of camaraderie here — we all have the same goal of patient care in mind. Our staff is great!

"Over the years, there have been changes in technology, new procedures, new treatments, and new drugs. The one thing that has not changed is our dedication to providing personalized, compassionate care."

BETTY EVANS

volunteer at Ellis Fischel since 2008, following her retirement from Ellis Fischel as chief information processor for Medical Records

"When I walked into Ellis Fischel, the very first day, I felt like I was part of a family. When I started volunteering, we were fortunate to move into a new gift shop. It was just like moving into a new house.

"I get far more of out of volunteering than I ever put in. It's very rewarding to help our patients and guests. I feel like it was meant for me to be here and for me to serve at Ellis Fischel.

"I'm excited about the opening of the new facility. The Ellis Fischel spirit that we are so proud of will go right along with us."



SANDRA BAILEY, RN

assistant manager of inpatient oncology and Ellis Fischel employee since 1986

"Cancer treatment has evolved through the years. Our patients' length of hospital stays have really decreased. It used to be common for radiation patients to be hospitalized for five weeks and go home on the weekends. Now most radiation therapy treatments are outpatient procedures. The same is true with chemotherapy. Very few chemotherapy treatments are

inpatient now. I remember having hospitalized patients in a clinical trial for a drug to decrease nausea caused by chemotherapy. That drug, Zofran, is one of our mainstay drugs now."



WENDY EVANS, RN, MSN

research nurse and clinical instructor at the MU Sinclair School of Nursing, who served as an Ellis Fischel nurse and administrator from 1971 to 2001

"Ellis Fischel is where I learned to be a nurse. I loved working at Ellis Fischel, and I loved the people there. The person I am today was influenced by the patients I met who were so brave and courageous in their battles. I really admired my patients, and I really loved patient care. I enjoyed getting to know people. Everyone has a story."



THANKING OUR DONORS Ellis Fischel Cancer Center gratefully acknowledges our donors. Their generosity enables us to make our dream home a reality, provide care, conduct cancer research and make a meaningful difference in the lives of those we serve.

Our New Home

Ambulatory Infusion Unit

Infusion Room
David B. Lichtenstein Foundation
in Memory of Laura Eckles

Chemotherapy Station in AIU
Peter and Susan Brown

Chemotherapy Station in AIU
Carl E. Freter, MD, PhD

Breast Cancer Waiting Area

Deon Starman Breast Cancer Foundation

Cancer Screening Waiting Area

In Memory of John and Chaille King

Consultation Room

Boone County National Bank

Ellis Gift Shop

Ellis Fischel Auxiliary

Ellis Fischel Gala and the Brown Family Healing Garden Naming gift

Ellis Fischel Gala
and The Lodge of the Four Seasons

Garden Bench

Guy Eastman Brown II
and Ellen Tarshis Brown
in memory of Ethel Stokenbury Brown

Garden supporters

John E. Thompson
in memory of Douglas Scrivner

Dr. and Mrs. Paul Dale
in memory of Mildred Janosko

Chip and Jane Cooper
in memory of Mildred Lottes Vogel

Gerald Doty
in memory of Donna Doty

Charlene R. Nickolaus
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Drs. Earl and Esther Beeks

Peter and Susan Brown
in memory of Marie Koplak

Sharon Schattgen
in memory of Lorene Emmerson

Doris G. Whitlock

Joan Firley
in memory of Rosemary Allen

Bessie Shriner, Judith A. Dickrader,
Mary L. Christian, Tom Hoffmann
and Mr. and Mrs. Austin Braden
in memory of Gerald W. Braden

Dr. Rashmi Ramasubbaiah
in honor of James E. Davis

Barbara Mitchell
in honor of my fifth year cancer-free

Lawrence and Lynn Beauchaine
in memory of Dorothy Tesson

Jacqueline M. Ruplinger, MD

John E. Marshall

Karen Lynn Gordy Panhorst
in honor of the Gordy and Panhorst families

Darnett Newsom
in memory of Mary 'Beth' Westland

Rebecca Smith
in honor of Barbara Giblin

Donald Ickler
in memory of Harry D. Ickler

Jean Howell
in memory of Skip Howell

Kellie Ann Coats
in memory of Bobby and Edna Priest

Dr. and Mrs. William Kennedy
in memory of Cloyd Michel

Sheri Hamilton and Marckeen English
in memory of Phyllis Leiby

Curt and Cara Wells

Class of 1966, Sherry Beth Moore,
Debby Hinnah, Cindy Beltz, Amie R.
Jarred Witten, Brian Pennock
and Phyllis Springston
in memory of Jim Springston

MU Digestive Health Center
in honor of all colon cancer patients

Rodney and Valerie Massman
in memory of John and Sally Bridson and
in memory of Betty Massman

Susan Brown and Cecilia Thompson
in honor of Mary Johnson

Geraldine York/David York Memorial
Golf Tournament
in memory of David York

In Loving Memory of
Thelma B. Holman Fiedler
(1916-2001)

Planned Gifts

Lorraine Crews

Programs

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Guy Eastman Brown II
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Wig sponsorship program

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Stafford Family Charitable Trust
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Research

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