



# WE ARE ROSWELL PARK

Unleashing the Healing Power of Hope



2020



For more than 120 years, we have remained steadfast to the revolutionary vision of our founder — Dr. Roswell Park — who set out to understand cancer, discover ways to treat it and put an end to the suffering it causes.



## VITAL STATS FY2020

- > **EMPLOYEES: 3,720**, including **356 faculty members** and **749 nurses**
- > Hospital Admissions: **5,406**
- > Outpatient Visits: **279,754**
- > Patients Under Active Care: **44,249**
- > Patient Origin: **41 U.S. states** and **4 foreign countries**
- > Number of Beds: **133**
- > Average Length of Stay: **8 days**
- > Grants/Contracts (per annum): **\$95.4M**
- > Funded Research Projects: **574**
- > License Agreements: **106**
- > U.S. Patents: **79**

In establishing the nation's first center devoted to cancer research in 1898, Dr. Roswell Park set the standard for today's multidisciplinary approach to cancer care, research and development of new therapies and technology.

Among the first to be designated a comprehensive cancer center by the National Cancer Institute in 1974, we pioneered the way forward, turning discovery into breakthrough — and changing what it means to have cancer.

Today, we set ourselves apart as a leader in transplant and cellular therapies, personalized medicine, cancer vaccines, immunotherapy and robotic surgery training programs.

## About Us

- > Named a **Best Hospital** by **U.S. News & World Report**, ranked 14th among nearly 900 cancer centers in the country, and rated High Performing in two specialty areas: colon cancer surgery and lung cancer surgery.
- > Among a select group of comprehensive cancer centers in the nation **designated by the National Cancer Institute (NCI)**.
- > **A member of the National Comprehensive Cancer Network (NCCN)**, a prestigious alliance of leading cancer centers that seeks continuous quality improvement and creates evidence-based practice guidelines.
- > **A leader in cancer research** where the latest therapies are available to patients through our robust clinical trials program.



ROSWELL PARK HISTORY

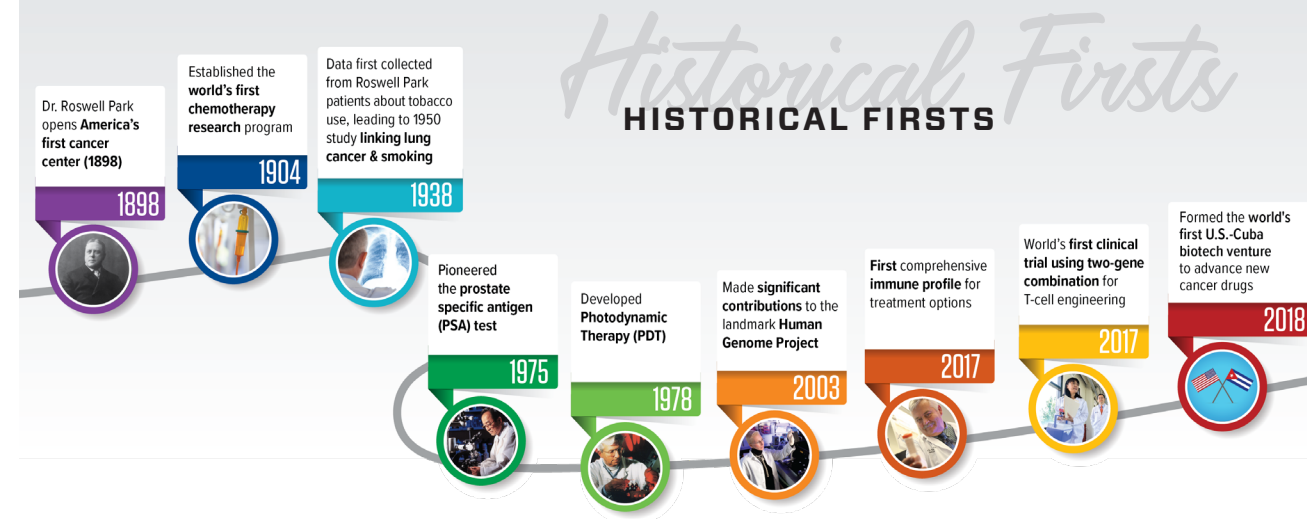
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CONTACT INFORMATION



Roswell Park practices a patient-centered, multidisciplinary approach where a team of cancer experts — including surgical, medical and radiation oncologists alongside oncology nurses — participates in every patient’s care, all under one roof.



COMPREHENSIVE, INTEGRATED CARE

At Roswell Park, we treat the whole patient, not just their cancer. An array of allied clinical and supportive services are integrated into every patient’s personalized care plan. These clinical services may include nutrition, rehabilitation medicine, lymphedema care, pain and palliative care, dentistry and maxillofacial prosthetics, plastic and reconstructive surgery, psychosocial oncology, and genetic testing and counseling.

Our vast supportive services represent our holistic approach to optimal quality of life and outcomes. Programs include survivorship care, yoga, massage, meditation, mindfulness, healing touch, acupuncture, Reiki, spiritual care, art and pet therapy, patient retreats, support groups for patients and caregivers, and a resource center for education materials, hats, wigs and more.

Survivorship Center

This center, for patients who have completed active treatment, provides comprehensive services to address the unique medical and supportive needs of cancer survivors as they face forward and aim for a higher level of lifelong wellness.

PATIENTS ARE TREATED IN DISEASE-SITE SPECIFIC, CLINICAL CARE CENTERS:

Breast Oncology Center

Dermatology Center

Gastrointestinal Center

Gynecology Center

Head & Neck Center

Hematology Center

Neuro-Oncology Center

Pediatric Cancer and Blood Disorders Center

Sarcoma/Melanoma Center

Thoracic Center

Transplant & Cellular Therapy Center

Urology Center

Quality Cancer Care

At Roswell Park, we set the bar higher for quality, safety and effectiveness of care, comparing ourselves to top cancer centers across the nation.

We continually track and publish our latest outcomes data on numerous safety and quality indicators — survival, length of stay, readmission and infection rates, and high volumes for specialized treatments like robotic and video-assisted surgery, Gamma Knife radiosurgery, and transplant and cellular therapies — benchmarking our data against national measures.

We seek and maintain professional memberships, accreditations and certifications that demand ongoing quality review and a demonstrated commitment to excellence. These include:



- > Accreditation Council for Continuing Medical Education
- > Accreditation Council for Graduate Medical Education – for Medical and Surgical Oncology Training Programs
- > American College of Radiology Breast Imaging Center of Excellence
- > American College of Radiology Accredited Facility for Radiation Oncology
- > American College of Surgeons Commission on Cancer
- > American Dental Association – Dentistry and Maxillofacial Prosthetics
- > Association for the Accreditation of Human Research Protection Programs
- > Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC International)
- > American Association of Blood Banks (AABB)
- > Blue Distinction® Center for Cancer Care
- > Blue Distinction® Center for Cellular Therapy - CAR-T
- > Blue Distinction® Center for Transplants

- > Cancer Immunotherapy Trials Network Member (CITN)
- > Foundation for the Accreditation of Cellular Therapy (FACT)
- > Lung Cancer Alliance Screening Center of Excellence
- > National Accreditation Program for Breast Cancers (NAPBC)
- > National Cancer Institute-Designated Comprehensive Cancer Center
- > National Comprehensive Cancer Network (NCCN)
- > National Marrow Donor Program
- > New York State Department of Health
- > Quality Oncology Practice Initiative (QOPI) Certification from the American Society of Clinical Oncology (ASCO)
- > The Joint Commission
- > The Joint Commission Certification for Palliative Care
- > The Joint Commission Laboratory Accreditation

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With more than a century of groundbreaking research, Roswell Park commits intellectual capital and necessary resources to converting scientific discoveries into real-world products and applications, bringing novel therapies to more patients sooner.

Today, Roswell Park drives innovative cancer research in genetics, cell stress and immunotherapy, leading to new personalized treatments. Research at our center has led to:

- > **14 biotech spinoff companies** and affiliates to share our discoveries with the world
- > **Strategic partnerships** with investigators and centers around the world
- > **A Clinical Research Center**, specifically for our investigator-initiated phase I clinical trials program
- > **First-ever U.S. clinical trials** of CIMAvox, a lung cancer immunotherapy developed in Cuba.

Center for Immunotherapy (CFI)

The Center for Immunotherapy was one of the first in the nation to combine research laboratories, state-of-the-art cell manufacturing and patient care into one immunotherapy program designed to bring the latest new therapies from the lab to the patient quickly.



Some of the latest immunotherapy approaches offered at Roswell Park include:

- Adoptive cell therapy (using T-cells and genetically engineered cells to boost immune system response)
- Cancer stem cells
- Monoclonal antibodies
- Cancer vaccines (using the patient’s cancer cells to create antigens for a vaccine)
- Genetic signatures (of determining cancer cells to create novel treatments)
- Immunomodulation (treatment to enhance or suppress an immune system response)
- Microenvironment (research of non-cancerous cells in a cancerous tumor)
- Oncolytic virotherapy (reprogramming viruses to treat cancer)
- T-cell receptor (TCR) discovery (research to find T-cells that attack specific cancer cells)

Major Research Programs

Just as our clinical care teams include physicians from multiple medical disciplines, faculty from across our clinical and scientific departments collaborate in these multidisciplinary research programs:

- > Cell Stress and Biophysical Therapies
- > Developmetal Therapeutics
- > Genetics and Genomics
- > Population Sciences
- > Tumor Immunology and Immunotherapy

Shared Resources

Our faculty have access to more than **20 specialized research support laboratories** with cutting-edge technology, including:

- > Genomics
- > Flow & Image Cytometry
- > Bioinformatics
- > Data Bank and BioRepository
- > Pathology Network Shared Resource
- > Bioanalytics, Metabolomics and Pharmacokinetics



THESE FIVE RESEARCH PROGRAMS FORM THE FOUNDATION OF ROSWELL PARK’S CANCER CENTER SUPPORT GRANT, AWARDED BY THE NATIONAL CANCER INSTITUTE AND FUNDED CONTINUOUSLY SINCE 1974.

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Roswell Park’s education mission is multifaceted, aimed at reducing the global cancer burden in these specific ways:

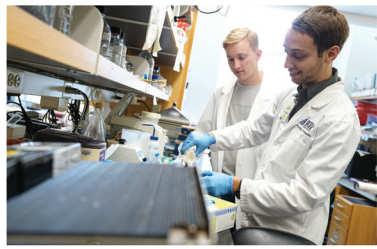
Training the next generation of cancer experts

With world-renowned faculty and alliances with local and regional colleges and universities, Roswell Park provides specialized training, education and certification programs in several oncology and related fields:

- > Clinical training of residents and fellows
- > Predoctoral, master’s and postdoctoral training in basic and translational cancer biology
- > Advanced training in oncology nursing
- > Continuing medical education for physicians and dentists
- > Cancer prevention for the general public
- > Allied health baccalaureate and professional training
- > Public and professional education about cancer and HIV/AIDS
- > Ethics in basic and clinical research
- > Summer research experiences for high school, college and medical students

EDUCATION ANNUALLY

- > 300+ Clinical Residents/Oncology Fellows
- > 250+ Medical Students
- > 180+ Nursing and Physician Assistant Students
- > 40+ Postdoctoral Research Fellows
- > 100+ Predoctoral Graduate Students
- > 15+ Master’s Students
- > 380+ High School, College and Post-Baccalaureate Interns
- > 35+ Exchange Visitors and International Research Scholars



Investing in population health and cancer prevention

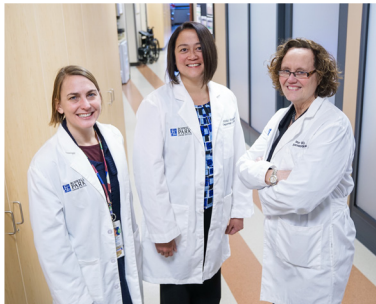
Roswell Park devotes significant resources to research in epidemiologic and population science with the goal of decreasing cancer morbidity and mortality by:

- > Identifying factors that affect cancer risk and prognosis, such as health disparities, access to screening and care, and biologic, genetic and lifestyle factors.
- > Developing interventions to prevent cancer.

Caring for our neighbors

Roswell Park’s community outreach and education efforts focus on these vital cancer prevention and early detection measures:

- > Cancer screening center
- > Smoking cessation hotline
- > Genetic screening
- > Cancer registries
- > High-risk early detection and surveillance programs
- > Reaching medically underserved populations
- > Addressing cancer health disparities



CANCER Screening CENTER

This distinctive center — open to the public — brings our expertise in population health and cancer detection to our community, before they need cancer care. Our center offers:

- > Cancer screening exams to provide clinical examination of mouth, throat, thyroid, breasts, lymph nodes, abdomen and rectum and determine an individual’s personal cancer risk and which screening tests are needed
- > Screening tests for cancers of the breast, cervix, colon and rectum, lung, prostate and skin
- > Health insurance assistance for screening exams and tests with no out-of-pocket costs
- > Connection to other Roswell Park experts who provide surveillance and preventive options, genetic testing or cancer care if needed

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## ROSWELL PARK ALLIANCE FOUNDATION

The Alliance Foundation is a 501(c)(3) not-for-profit organization that manages all donations made to Roswell Park Comprehensive Cancer Center.

Since its inception in 1991, contributions totaling over **\$455 million** have been raised for cancer research, quality-of-life grants and patient-care programs.



In 2019, the Alliance Foundation received its **fifth consecutive four-out-of-four-stars rating** from Charity Navigator, demonstrating its commitment to accountability and transparency.

### ALLIANCE FOUNDATION FUNDRAISING EVENTS



All Star Night



Empire State Ride



Goin' Bald For Bucks



Summer Splash



The Ride for Roswell



Team Roswell

## INTERNATIONAL COLLABORATIONS

Our collaborations enhance cancer research and training programs around the world.

- > Centro de Immunología Molecular, Playa, La Habana, Cuba
- > Concordia Laboratories, Inc., Luxembourg, Lexembourg
- > University of Debrecen Medical School, Debrecen, Hungary
- > Jagiellonian University, Krakow, Poland
- > King Fahad Specialist Hospital, Dammam, Saudi Arabia
- > Lakeshore Cancer Center, Lagos, Nigeria
- > Maccabi Healthcare Services, Tel Aviv, Israel
- > University of Haifa, Haifa, Israel
- > National Research Center for Hematology, Moscow, Russia
- > University of Pecs Medical School, Pecs, Hungary
- > Queen Mary University of London, United Kingdom
- > Semmelweis University, Budapest, Hungary
- > University of Szeged Faculty of Medicine, Szeged, Hungary
- > University of Waterloo, Canada



## REACHING A BROADER FOOTPRINT BEYOND BUFFALO, NY

A regional network of community hospitals and medical centers in New York and Pennsylvania provides access to Roswell Park physicians, services and clinical trials to patients across the region.



### Roswell Park Satellites

Roswell Park Amherst Center, Williamsville, NY  
Roswell Park Niagara Center, Wheatfield, NY

### Roswell Park Care Network

Roswell Park Northtowns, Williamsville, NY  
Roswell Park Southtowns, Orchard Park, NY  
Roswell Park Jamestown, Jamestown, NY  
Roswell Park Urology, Niagara Falls, NY  
Breast Care of Western New York, Williamsville, NY  
Cayuga Medical Center, Ithaca, NY  
Oneida Health Cancer Care, Oneida, NY  
Niagara Falls Memorial Medical Oncology Center, Niagara Falls, NY  
Southtowns Radiation Oncology (in collaboration with Catholic Health and Buffalo Medical Group), Orchard Park NY  
Catholic Health Services of Long Island, Rockville Centre, NY

### UPPER ALLEGHENY HEALTH SYSTEM

Bradford Regional Medical Center, Bradford, PA  
Olean General Hospital, Olean, NY

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National Cancer Institute-Designated Comprehensive Cancer Center  
National Comprehensive Cancer Network Member | Blue Distinction® Center for Cellular Immunotherapy - CAR-T  
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OUR REACH

CONTACT  
INFORMATION