WELCOME TO THE
UNM COMPREHENSIVE
CANCER CENTER
The University of New Mexico Comprehensive Cancer Center is the Official Cancer Center of New Mexico and the only National Cancer Institute-designated Cancer Center in a 500-mile radius. Its 125 board-certified oncology specialty physicians include:

- cancer surgeons in every specialty (abdominal, thoracic, bone and soft tissue, neurosurgery, genitourinary, gynecology, and head and neck cancers),
- adult and pediatric hematologists/medical oncologists,
- gynecologic oncologists, and
- radiation oncologists.

They, along with more than 500 other cancer healthcare professionals (nurses, pharmacists, nutritionists, navigators, psychologists and social workers), provided cancer care for nearly 60 percent of the adults and children in New Mexico affected by cancer. They treated 11,249 patients in 84,875 ambulatory clinic visits in addition to in-patient hospitalizations at UNM Hospital. These patients came from every county in the State. More than 12 percent of these patients participated in cancer clinical trials testing new cancer treatments and 35 percent of patients participated in other clinical research studies, including tests of novel cancer prevention strategies and cancer genome sequencing.

The 130 cancer research scientists affiliated with UNMCCC were awarded almost $60 million in federal and private grants and contracts for cancer research projects and published 301 high quality publications. Promoting economic development, they filed more than 30 new patents in FY16, and since 2010, have launched 11 new biotechnology start-up companies. Scientists associated with the UNMCCC Cancer Control & Disparities have conducted more than 60 statewide community-based cancer education, prevention, screening, and behavioral intervention studies involving more than 10,000 New Mexicans.

Finally, the physicians, scientists and staff have provided education and training experiences to more than 230 high school, undergraduate, graduate, and postdoctoral fellowship students in cancer research and cancer health care delivery.
Meet Our
Senior Leadership

CHERYL L. WILLMAN, MD
The Maurice and Marguerite Liberman Distinguished Endowed Chair in Cancer Research
Director and Chief Executive Officer, UNM Cancer Center
Distinguished Professor, Departments of Pathology and Internal Medicine

RICHARD LAUER, MD, FACP
The Maralyn S. Budke Endowed Professor in Cancer Care Delivery
Deputy Director and Chief Medical Officer, UNM Cancer Center
Professor, Department of Internal Medicine, Division of Hematology/Oncology

OLIVIER RIXE, MD, PhD
The Dana C. Wood Endowed Chair in Cancer Therapeutics and Early Phase Clinical Research
Associate Director for Clinical Research
Professor, Department of Internal Medicine, Division of Hematology/Oncology

ANITA KINNEY, PhD, RN
The Carolyn R. Surface Endowed Chair in Cancer Control and Population Sciences
Associate Director for Cancer Control and Population Sciences, UNM Cancer Center
Professor, Department of Internal Medicine, Division of Epidemiology & Biostatistics

ALAN TOMKINSON, PhD
The Victor and Ruby Hansen Surface Endowed Chair in Cancer Research
Associate Director for Basic Research, UNM Cancer Center
Professor, Department of Internal Medicine, Division of Molecular Medicine

SCOTT NESS, PhD
The Victor and Ruby Hansen Surface Endowed Professor in Cancer Genomics
Associate Director for Shared Resources, UNM Cancer Center
Professor, Department of Internal Medicine, Division of Molecular Medicine

ANGELA WANDINGER-NESS, PhD
The Victor and Ruby Hansen Surface Endowed Professor in Cancer Cell Biology and Clinical Translation
Associate Director for Education, Training and Mentoring, UNM Cancer Center
Professor, Department of Pathology
Meet Our World-Class Physicians

The UNM Cancer Center has the state’s largest and most experienced team of cancer physicians.

Recruited from preeminent cancer institutions and medical schools throughout the United States, our outstanding physicians represent several academic disciplines which focus on cancer treatment and cancer clinical research. They often serve as principal investigators for cancer clinical trials, giving our patients access to the latest, most innovative treatments — sometimes a decade before those treatments are widely available.

Our Multidisciplinary Teams bring the deep, rich experience of all these cancer disciplines together. Each team combines chemotherapy, radiation oncology therapy, and surgery to develop an individualized treatment plan for each of our patients. Our patients benefit from the entire team’s expertise, receive seamlessly-delivered personalized care and maximize their chance for survival.
Multidisciplinary Treatment Teams

Each of the UNM Cancer Center’s Multidisciplinary Treatment Teams combines several modalities (chemotherapy, radiation oncology therapy, surgery) to develop an individualized treatment plan for each of our patients — which maximizes their chance for survival.

GASTROINTESTINAL CANCER

Vi Chiu, MD, PhD
Medical Oncologist

Steven Eberhardt, MD
Oncology Radiologist

Bridget Fahy, MD, FACS
Advanced Cancers, Surgical Oncologist

GENITOURINARY CANCER

Frances Alba, MD
Urologic Cancers, Surgical Oncologist

Wadih Arap, MD, PhD
Medical Oncologist

Michael Davis, MD
Urologic Cancers, Surgical Oncologist

Richard Lauer, MD, FACP
Medical Oncologist

David Lee, MD, PhD
Radiation Oncologist

Ian Rabinowitz, MD
Medical Oncologist

Photo credits: right, Civic Plaza, below, San Felipe de Nero Church, MarbleStreetStudio.com.
Meet Our
World-Class Scientists

The 130 scientists at the UNM Cancer Center are on the cutting edge of cancer research. Extensively trained at world-renowned institutions including Memorial Sloan-Kettering, Harvard and MD Anderson, they are supported by almost $60 million annually in federal, state and private funding. They filed more than 30 new patents in FY16, and since 2010, have launched 11 new biotechnology start-up companies. They have conducted more than 60 statewide community-based cancer education, prevention, screening, and behavioral intervention studies involving more than 10,000 New Mexicans.

This vibrant team of basic, clinical and translational scientists, some of whom work at our partner institutions (Sandia National Laboratories, Los Alamos National Laboratory, and Lovelace Respiratory Research Institute) collaborate within and between four research programs. This multidisciplinary approach to finding the causes and cures for cancer has led to innovative approaches and ground-breaking discoveries in cancer health disparities, cancer genetics and genomics, cancer cell biology and signaling, drug discovery and targeted delivery.
CANCER CONTROL
Program Leaders:
Anita Kinney, PhD, RN
Linda Cook, PhD
Sanjeev Arora, MD
Steve Belinsky, PhD
Marianne Berwick, PhD
Cindy Blair, PhD
Richard Crowell, MD
Sally Davis, PhD
Tamar Ginossar, PhD
Melissa Gonzales, PhD
Emily Haozous, PhD, RN
Deirdre Hill, PhD
Nancy Joste, MD
Alberta Kong, MD, MPH
Ji-Hyun Lee, DrPH
Shuguang Leng, MD, PhD
Johnnye Lewis, PhD
Li Li, MD
Jean McDougall, PhD, MPH, BA
Shiraz Mishra, MD, PhD
Kimberly Page, PhD, MPH, MS
Robert Rhyme, MD
Margarita Santiago-Torres, PhD
Andrew Sussman, PhD
Nina Wallerstein, DrPH
Cosette Wheeler, PhD
Charles Wiggins, PhD
Robert Williams, MD

CANCER GENETICS, EPIGENETICS & GENOMICS
Program Leaders:
Mary Ann Osley, PhD
Steven Belinsky, PhD
Boian Alexandrov, PhD
Ludmila Alexandrov, PhD
Susan Atlas, PhD
Scott Burchiel, PhD
I-Ming Chen, DVM
Jeremy Edwards, PhD
Amy Gardiner, MD, PhD
Rama Gullapalli, MD, PhD, FCAP
Rebecca Hartley, PhD
Richard Harvey, PhD
Laurie Hudson, PhD
Huining Kang, PhD
David Lee, MD, PhD
Yong Lin, MD, PhD
Jim Liu, PhD
Li Luo, PhD
Scott Ness, PhD
Garth Olson, MD
Sabrina Samudio-Ruiz, PhD
Carmen Tellez, PhD
Mathewos Tessema, DVM, PhD
Alan Tomkinson, PhD
Kristina Trujillo, PhD
Margaret Werner-Washburne, PhD
Cheryl Willman, MD

TRANSLATIONAL CANCER BIOLOGY & SIGNALING
Program Leaders:
Bridget Wilson, PhD
Eric Prossnitz, PhD
Sarah Adams, MD
Elaine Bearer, MD, PhD
Ellen Beswick, PhD
Thérèse Bocklage, MD
Judy Cannon, PhD
Cédric Cleyrat, PhD
Andrew Cowan, MD, PhD
Vojo Deretic, PhD
Matthew Fero, MD
Tracy George, MD
Jennifer Gillette, PhD
Helen Hathaway, PhD
Curtis Hines, PhD
William Hlavacek, PhD
Laurie Hudson, PhD
Diane Lidke, PhD
Keith Lidke, PhD
Meilian Liu, PhD
Thomas Ma, MD, PhD
Ksenia Matlawska-Wasowska, PhD
Dennis McCance, PhD
Carolyn Muller, MD, FACOG
Prashant Nighot, PhD
Michelle Ozbun, PhD
Karlett Parra, PhD
Ashwani Rajput, MD, FACS
Teresa Rutledge, MD
Anup Singh, PhD
Mara Steinkamp, PhD
Angela Wandinger-Ness, PhD
Heather Ward, PhD
Stuart Winter, MD

CANCER THERAPEUTICS: TECHNOLOGY, DISCOVERY & TARGETED DELIVERY
Program Leaders:
Larry Sklar, PhD
Renata Pasqualini, PhD
Wadih Arap, MD, PhD
Jeffrey Arterburn, PhD
Robert Atcher, PhD
Koh Boayue, MD
Cristian Bologa, PhD
Andrew Bradbury, PhD
Jeffrey Brinker, PhD
Urs BROWN-Glaberman, MD
Bryce Chackerian, PhD
Yung-Sung Cheng, PhD
Alexandre Chigaev, PhD
Lina Cui, PhD
Sara D’Angelo, MD
Zoneddy Dayao, MD
Andrey Dobroff, PhD
Steven Eberhardt, MD
Bruce Edwards, PhD
Colleen Fordyce, PhD
Gregory Gan, MD, PhD
Steven Graves, PhD
Dale Huber, PhD
Sanjay Krishna, PhD
John Kuttlesch, PhD, MD
Richard Larson, MD, PhD
Richard Lauer, MD, FACP
Fu-Sen Liang, PhD
Pavan Muttal, PhD
Jeffrey Noreen, PharmD
Tudor Oprea, MD, PhD
Yehuda Patt, MD
David Peabody, PhD
Stefan Posse, PhD
Ian Rabinowitz, MD
Olivier Rixe, MD, PhD
Melanie Royce, MD, PhD
Thomas Schroeder, MD
Reed Selwyn, PhD
Andrew Shreve, PhD
Fernanda Staquicini, PhD
Cheryl Willman, MD
# The UNM Comprehensive Cancer Center supports and manages eight shared resources that provide services essential to basic and translational research. Each of these is available to researchers at UNM and affiliated institutions.

Learn more online at cancer.unm.edu/research/shared-resources/

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**Shared Resources**

<table>
<thead>
<tr>
<th>Shared Resource</th>
<th>Technologies and Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analytical and Translational Genomics</td>
<td>Next-generation sequencing including exomes, transcriptomes, ChIP-seq, etc. Analysis using genomics bioinformatics pipelines.</td>
</tr>
<tr>
<td>Behavioral Measurement and Population Sciences</td>
<td>Development and implementation of cancer-focused population science and patient-centered research.</td>
</tr>
<tr>
<td>Bioinformatics and High-Dimensional Data</td>
<td>State-of-the-art informatics and data analysis for genomics, cheminformatics, image analysis and other complex problems.</td>
</tr>
<tr>
<td>Biostatistics</td>
<td>Biostatistical leadership and analytic collaborative support for basic, clinical and translational studies.</td>
</tr>
<tr>
<td>Flow Cytometry and High-Throughput Screening</td>
<td>Cell analysis, cell sorting, and offline data analysis.</td>
</tr>
<tr>
<td>Fluorescence Microscopy and Cell Imaging</td>
<td>Cutting-edge technologies for biomolecular imaging at super-resolution (nm scale), hyperspectral imaging for four-dimensional particle tracking, and light sheet microscopy (in development).</td>
</tr>
<tr>
<td>Human Tissue Repository and Tissue Analysis</td>
<td>Provides human biospecimens, basic and complex histology services, and advanced immunohistochemistry (IHC) and in-situ hybridization (ISH) technologies.</td>
</tr>
<tr>
<td>Animal Models</td>
<td>Cost-effective comprehensive services in the development and use of animal models for basic, translational, and pre-clinical cancer research.</td>
</tr>
</tbody>
</table>
Molecular Medicine

The Researchers that make up the division of Molecular Medicine provide cutting-edge translational research to bridge the gap between bench work and clinical care.

All members may be searched on the Vivo site for more information including publications: vivo.health.unm.edu

FACULTY
Chief: Renata Pasqualini, PhD
cancer.unm.edu/lab-arappasq/arap-pasqualini-laboratory
Alan Tomkinson, PhD
Scott Ness, PhD
Eric Prossnitz, PhD
Annahita Sallmyr, PhD
Marina Cardo Vila, PhD
Fernanda Staquicini, PhD
Andrey Dobroff, PhD
Sara D’Angelo, PhD

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ctarleton@salud.unm.edu
505-272-6711
The Early Phase Clinical Research Support program prioritizes, promotes, and supports the development of early phase human clinical trials — phase 0 to phase 1 — based on scientific merit and clinical relevance to the unique populations of New Mexico. The program helps scientists and physician-scientists to take their hypotheses or technology-driven studies and translate them into diagnostic or therapeutic concepts for clinical investigation.

The program focuses on:

- First-in-human clinical trials testing of novel therapeutic cancer agents discovered at UNM Cancer Center;

- Phase 1/2 trials that test agents identified from our drug repurposing strategies in the UNM Cancer Center Cancer Therapeutics Research Program;

- Evaluation of new biomarkers, particularly those developed in the UNM Cancer Center Research Programs; and,

- Understanding the barriers to participation in clinical trials that racial/ethnic and socioeconomically underserved groups experience (in collaboration with the UNM Cancer Center Cancer Control Research Program).
Application Requirements

Complete applications include a cover letter; curriculum vitae; and the names, mailing addresses, phone numbers and email addresses of three references.

Please contact the search coordinator for any inquiries or questions:

Denise Osborne
DOsborne@salud.unm.edu
(505) 925-0415

Amanda Leigh
ALEigh@salud.unm.edu
(505) 272-2201

Apply online at UNM Jobs: https://unmjobs.unm.edu
Or visit cancer.unm.edu/JoinTheBest

Positions may be subject to criminal records screening in accordance with New Mexico law. UNM’s confidential policy [Disclosure of Information about Candidates for Employment, UNM Board of Regents Policy Manual 6.7], which includes information about public disclosure of documents submitted by applicants, is located at https://policy.unm.edu/regents-policies/section-6/6-7.html.

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