The UW Paul P. Carbone Comprehensive Cancer Center is the only comprehensive cancer center in the state of Wisconsin, as designated by the National Cancer Institute. Our focus is on research, education, prevention and providing the best care for patients.

For more information, visit cancer.wisc.edu.
In Sincere Appreciation

To the countless numbers of people who agreed (with a smile) to be photographed and to share their story...

To Angie, Chris and Natalie for your passion and compassion in telling “our” story.

UW Health serves as a leader in patient care, biomedical research and education, and service to communities. Three organizations—the University of Wisconsin School of Medicine and Public Health, University Hospital and Clinics, and University of Wisconsin Medical Foundation—combine their unique strengths and resources to meet the health needs of Wisconsin and beyond.

The University of Wisconsin School of Medicine and Public Health is recognized as an international leader in educating physicians, investigating the causes of disease, finding innovative solutions to medical problems and translating research into compassionate patient care.

The UW Paul P. Carbone Comprehensive Cancer Center is one of only 41 comprehensive cancer centers designated by the National Cancer Institute, the lead federal agency for cancer research.

For more information on the latest research initiatives, news and upcoming events, view the UW Carbone Cancer Center website: cancer.wisc.edu

For patient services at the UW Paul P. Carbone Comprehensive Cancer Center, please contact:

Cancer Connect
(800) 622-8922 or (608) 262-5223
cancerconnect@uwcarbone.wisc.edu
Dear Friends,

A picture is worth a thousand words. Every picture tells a story.

These sayings epitomize the UW Paul P. Carbone Comprehensive Cancer Center’s annual report this year. As you will discover as you page through this report, each photo has a unique story to tell…and each is a small part of our comprehensive story.

Often people ask me what the word “comprehensive” means in our name.

In 1971, the National Cancer Act called for the creation of cancer centers of excellence throughout the United States. The UW Paul P. Carbone Comprehensive Cancer Center was established as one of the first university-based comprehensive cancer centers and continues to be the only comprehensive cancer center in Wisconsin, as designated by the National Cancer Institute (NCI).

NCI-designated Cancer Centers are a major source of discovery of the nature of cancer and the development of more effective approaches to cancer prevention, diagnosis and treatment.

“Comprehensive” means physicians and scientists explore every dimension of cancer – studying it in the laboratory, investigating new innovative therapies in treating patients, training the next generation of scientists and educating the community about screening and prevention strategies.

Our comprehensive story took a new turn this past year with the opening of the Wisconsin Institutes for Medical Research (WIMR) East Tower. This innovative facility (shown on pages 16-17), will bring together basic science and clinical researchers from across UW-Madison to address complex health care problems and to speed the transfer of science to the people who will benefit from it.

On behalf of our faculty and the individuals and families who benefit from their work, I thank you for your support of the UW Paul P. Carbone Comprehensive Cancer Center.

Sincerely,

George Wilding, MD
Director, UW Paul P. Carbone Comprehensive Cancer Center
Anderson Professor of Medicine

P.S. I encourage you to sign up for our monthly e-newsletter to learn more about our ever evolving “comprehensive” story. To subscribe, visit uwhealth.org/enews and click on the Advances e-newsletter.
Discovering the Treatments of Tomorrow  
above left
Dr. Maoquan Zhou, a postdoctoral fellow in professor Jon Thorson’s lab at the UW-Madison School of Pharmacy, is examining a vial with the anticancer drug mitoxantrone. He is developing novel chemistries to direct known anticancer drugs (such as mitoxantrone) to specific tumors via attaching sugars.

Strength of Spirit  
above right
Elizabeth Stower, 22 from Amery, Wisconsin receives radiation therapy for breast cancer. Elizabeth, a UW-Madison college senior majoring in political science and international studies, admits 2008 was a tough year. Her mother died of ovarian cancer, and in March, Elizabeth discovered a lump in her own breast.

Laughter is the Best Medicine  
bottom right
Carolyn Foster laughs at a joke while being treated with chemotherapy. Diagnosed with breast cancer in 1996, Carolyn’s cancer recurred in 2003. At the time, her life expectancy was only four years. More than five years later, Carolyn acknowledges “ownership of her treatment” and says she enjoys everyone at the UW because they “all take a personal interest in me.” She is already making camping plans for this summer.
Bench to Bedside
above left
Dr. Shanteri Singh, senior research scientist in the Thorson lab at the UW School of Pharmacy, studies the three dimensional structures of enzymes involved in making natural-product anticancer drugs and antibiotics.

Teamwork
bottom left
The American Family Children’s Hospital hematology/oncology staff performs family-centered rounds. Parents are invited to join the medical team to discuss their child’s case daily. The team includes a pediatric oncologist, nurse practitioner, social worker, pediatric house staff (residents), pharmacist, case manager, nutritionist and a bedside nurse.

Translating Discoveries Into Treatments
bottom right
Christopher Oberley, a cancer biology graduate student in the lab of Dr. Norman Drinkwater, seeks to understand why men are at greater risk for liver cancer than women. Their work is focused on the potential contribution of sex hormones to liver cancer development in mice.
A Team Approach to Care
this page

Hans Bernet, 60, from Monroe, has always been active--biking, hiking, running--so he tries not to let non-Hodgkins lymphoma slow him down.

On a recent appointment, he visits with his physician, Brad Kahl, MD, before receiving his chemotherapy treatments. Kahl says Bernet has responded “beautifully” to a novel treatment regimen pioneered at the UW using the drug Velcade. Hans remains in remission and optimistic about his long-term prognosis.

Read more about Hans’ cancer journey at uwhealth.org/momentsintime
Hurry and Flurry

More than 85 staff members work on the B6/6 inpatient unit – a unit for those needing to be hospitalized during their cancer treatment. The unit is staffed by a dedicated team of experienced oncology nurses, social workers, nutritionists, and pastoral care staff to provide for the physical and spiritual needs of all patients.

A Daily Check-In

School of Pharmacy professor, Jon Thorson, PhD (left) visits with Dr. Maoquan Zhou, a postdoctoral fellow in his lab. Thorson’s lab is focused on discovering and developing naturally-based products into anticancer drugs, then helping translate those discoveries into patient therapies.

Precision in Radiation Treatment

Radiation therapists Eric Wevley and Sarah Burski position a patient for tomotherapy treatment. Tomotherapy was developed at the University of Wisconsin-Madison. This newfound precision in radiation therapy minimizes damage to healthy tissue and helps patients avoid many side effects.
Scrubbing In
above left
AC Evans, MD, PhD, one of six gynecologic oncologists at the UW Carbone Cancer Center, prepares for an early morning surgery. Dr. Evans, who trained at Duke University, performs roughly six surgeries a week. Typical gynecologic oncology surgeries last approximately four to six hours.

Step-by-Step Progress
bottom left
When Herb Chen, MD (right) is not performing endocrine surgeries, he is consulting with Mackenzie Cook, a Howard Hughes Medical Institute research fellow, in his lab. His research program investigates the development, progression, and treatment of endocrine tumors, including gastrointestinal carcinoids, thyroid cancer, and pancreatic islet cell tumors.

Qigong: Breathing, Moving and Stretching
bottom right
Paul Novak, PhD leads a weekly Qigong class for cancer patients, loved ones and Cancer Center staff in the Cancer Clinics atrium. One of eight branches of Chinese medicine, Qigong promotes healing and good health through breath work, movement, stretching, visualization and self massage.
Understanding the Causes of Cancer

The McArdle Laboratory for Cancer Research at the University of Wisconsin-Madison was founded by Dr. Harold P. Rusch in 1940 and was the first basic science cancer center in an academic institution in the United States. The current staff of the McArdle Laboratory numbers approximately 200. The 23 faculty and emeritus faculty lead 19 research groups that include 64 graduate students, 18 postdoctoral fellows, and 49 research specialists or other academic staff.

A Trusted Physician and Friend

Tom McFarland, MD visits with Cheryl Korth at the Carbone Cancer Clinic, 1 S. Park. Cheryl, who is going through her second diagnosis of breast cancer, says the physicians and staff are great at managing the side effects of her treatment.
Always Focused on the Patient  
Multi-tasking is registered nurse Vicki Banning’s middle name. For more than 12 years, Vicki has been the Nurse Manager for the B6/6 inpatient unit, a dedicated 39-bed patient care unit of UW Hospital and Clinics. Vicki rates patient and family interaction as the number one reason she loves what she does.

State-of-the-Art Treatment  
Minesh Mehta, MD, reviews an MRI scan. Dr. Mehta, a radiation oncologist, is one member of the multidisciplinary brain tumor clinic. This clinic includes physicians from radiation oncology, medical oncology and surgery as well as nurses, social workers and clinical trials staff.

In Preparation  
In the Cancer Center’s outpatient pharmacy, pharmacy technicians prepare chemotherapy drugs in a sterile environment for between 60 and 70 cancer patients a day.
Offering Words of Comfort
Chaplain Libby Caes (left) visits with Karen King, a mantle cell lymphoma patient on the B6/6 inpatient unit. Offering support during turbulent times, chaplains are specially trained ministers who work as part of a patient’s health care team, believing that a person’s spiritual and emotional well-being plays an important part in overall health.

Bench-to-Bedside
Natasha Solodin, a senior research specialist in Elaine Alarid’s lab at the McArdle Laboratory for Cancer Research, isolates RNA from breast cancer cells for gene expression studies. She has worked in Alarid’s lab for more than 11 years.

Her Favorite Place in the World
Emma, a six-and-a-half-year-old from Appleton, Wisconsin, plays with Jocelyn Yale (left) a child life volunteer as her mother Amie (right) looks on. Emma was diagnosed with astrocytoma, a brain tumor, in July 2007, and started chemotherapy in February 2008. Her mother shares that the American Family Children’s Hospital is Emma’s “favorite place in the world.”
One-On-One Attention
above left
Ellen Hartenbach, MD (right) reviews a recent CAT scan with Pat Duffey, an ovarian cancer patient from Caledonia, Illinois. According to Dr. Hartenbach, it is important for women to know the warning signs of reproductive cancers. “There is a lot to be said to listening to your body and asking a lot of questions of your regular physician,” said Hartenbach.

Tougher Than He Thought
above right
Diagnosed with lymphoma in October 2008, John Morehouse appreciates the care he has received at the Carbone Cancer Clinic, 1 S. Park. He says staff welcome all of his questions, and he has learned there are no dumb questions when it comes to cancer. John says he now takes nothing for granted and he is tougher than he thought.

Giving Back
bottom right
HEADRUSH was created in 2004 by Chris and Brandi Funk. Chris, a brain cancer survivor, and his wife, Brandi, wanted to give back to their community and create brain tumor awareness. HEADRUSH proceeds directly benefit the UW Carbone Cancer Center in the form of a Brain Tumor Research Professorship.
Pet Cancer Leads to “One Medicine” this page

Like humans, dogs and cats develop spontaneous cancers. The similarities lend to “one medicine” where novel therapies developed for companion animals may prove helpful to humans, and vice versa. Here, veterinarians at the University of Wisconsin-Madison School of Veterinary Medicine examine a Boxer with non-Hodgkin’s lymphoma, a cat with squamous cell carcinoma, and aspirate bone marrow to diagnose cancer.

Cancer is common in companion animals. Fully a quarter (25 percent) of the approximately 18,000 cases seen annually at the School of Veterinary Medicine are cancer-related. Nearly half of the patients seen by the school’s well-equipped Cancer Service are enrolled in clinical trials seeking new and innovative cancer therapies.

To learn more about how curing cancer in animals helps advance cancer care for people at uwhealth.org/momentsintime
Setting the Surgical Standard
above right
The UW Gynecologic Oncology program has a team of six expert surgeons that perform the most gynecologic cancer surgeries in Wisconsin. The UW, which specializes in robotic surgery, is one of only 40 institutions in the United States training future gynecologic oncologists through a specialized fellowship.

All in a Day’s Work
bottom left
M. Kunnimalaiyan, PhD, a senior scientist in the UW School of Medicine and Public Health, is known to work seven days a week in one of the research labs of Herb Chen, MD. Chen’s research labs focus on the role of cellular signaling pathways in the differentiation and growth of neuroendocrine tumors including carcinoid, pancreatic islet cell, pheochromocytoma, and medullary thyroid cancer.

Pill by Pill
bottom right
In the Cancer Center’s pharmacy, a pharmacy technician counts pills for a patient on a clinical trial. One of the Cancer Center’s greatest strengths is its involvement in groundbreaking clinical trials conducted to answer specific scientific questions about new ways to prevent, diagnose, detect and treat cancer.
A former learning disabilities teacher in Milwaukee, Jane Rose has her head shaved by Stephanie Schutz in the Cancer Center’s Wig Fitting Room. Jane, who underwent treatment for her lung cancer, opted to have her remaining strands of hair shaved off so that her new hair would grow in – evenly.
Get Well Wishes for Duane
above left
Duane Woldt, diagnosed with acute myeloid leukemia, listens as his wife of 23 years, Darlene reads get well cards to him during his stay on the B6/6 inpatient unit. Darlene describes her husband as kind and considerate. She believes his cancer experience has shown how many people in his life truly care about him.

CareWear: Care for All Patients
bottom left
Unique specialty items for cancer patients and their family members are sold in CareWear, located next to the UW Breast Center. CareWear specializes in products for women who have had a mastectomy, lumpectomy, or breast reconstructive surgery.

Patient-Centered Education
bottom right
Todd Greenlee of Roscoe, Illinois was diagnosed with a brain tumor in 2004. Here he meets with Lori Hayes, RN, Clinical Nurse Specialist in Neuro-Oncology, to discuss the use of Fractionated Stereotactic Radiotherapy (FSRT) to treat the recurrence of his tumor. This technology uses special molds and positioning to minimize damage to healthy tissue and helps patients avoid many side effects associated with brain radiation.
Wisconsin Institutes for Medical Research (WIMR)

The Cancer Center entered a new era of biomedical research with the opening of the Wisconsin Institutes for Medical Research’s (WIMR) East Tower. WIMR brings together basic science and clinical researchers from across the UW campus to address complex health care problems and to speed the transfer of science to the people who will benefit from it.

Learn more about WIMR at uwhealth.org/momentsintime
Leadership and Administration

The UW Paul P. Carbone Comprehensive Cancer Center is governed by an Executive Committee. This committee receives input from an External Advisory Committee comprised of leaders from across the nation as well as three regional advisory boards of community members.

EXPERIMENTAL COMMITTEE

Paul Ahlquist, PhD
Caroline M. Alexander, PhD
Howard H. Bailey, MD
Søren M. Bentzen, PhD, DSc
Paul J. Bertics, PhD
George T. Bryan, MD, PhD
James F. Cleary, MBBS
F. Michael Hoffmann, PhD
Brad S. Kahl, MD

EXPERIMENTAL COMMITTEE

Patricia J. Keely, PhD
Shannon C. Kenney, MD
Douglas G. McNeel, MD, PhD
Minsh P. Mehta, MD
Shigeki Miyamoto, PhD
Hasan Mukhtar, PhD
Daniel L. Mulkerin, MD
Michael A. Newton, PhD
Henry C. Piot, MD, PhD
Patrick L. Remington, MD, MPH
Maureen A. Smith, MD, PhD
Bill M. Sugden, PhD
Jane Wegenke, BS
Richard H. Weindruch, MD

EXTERNAL ADVISORY COMMITTEE

Joseph V. Simone, MD (Chair)
UF Shands Cancer Center

Allan Conney, PhD
Rutgers University

Susan J. Curry, PhD
University of Iowa

Daniel DiMaio, MD, PhD
Yale University

David Harrington, PhD
Dana-Farber Cancer Institute

Mark Israel, MD
Norris Cotton Cancer Center

Peter Jones, PhD
USC/Norris Comprehensive Cancer Center

Theodore S. Lawrence, MD, PhD
University of Michigan

H. Kim Lyerly, MD
Duke Comprehensive Cancer Center

Sanford Markowitz, MD, PhD
Case Western Reserve University

Frank McCormick, PhD, FRS
University of California, San Francisco Cancer Center

George K. Michalopoulos, MD
University of Pittsburgh

Peter S. Rabinovitch, MD, PhD
University of Washington

Mary Lou Smith, JD, MBA
Research Advocacy Network

Larry Williams, MBA
Holden Comprehensive Cancer Center, Iowa

SENIOR LEADERSHIP

Seated: Paul M. Harari, MD, Associate Director – Multidisciplinary Research; George Wilding, MD – Director and Brad S. Kahl, MD, Associate Director – Clinical Programs

Standing: Daniel Mulkerin, MD, Medical Director; Jane Wegenke, Associate Director – Administration; Norman R. Drinkwater, PhD, Associate Director – Laboratory Programs; Maureen A. Smith, MD, PhD, MPH, Associate Director – Cancer Control and Paul Sondel, MD, PhD, Associate Director – Translational Research
ADVISORS

The UWCCC Advisors are a circle of business and community leaders across Wisconsin and the country who lend their expertise for the advancement of the UWCCC in the areas of strategic planning, fundraising, marketing and public policy.

Paul Carbone, Co-Chair
Bill Steinberg, Co-Chair
Pat Alea
Don Anderson
Bill Clarke, MD
Kelly Cotter
Walter Dewey
Robert Habush
James Hoyt
R. Todd Lappin
Richard Latta
Corey Nettles
Bruce Neviaser
Andy North
Ron Skoronski
John Underwood
Carleen Wild

ADVOCATES

The UWCCC Advocates are trained volunteer spokespersons for UWCCC. Advocates represent UWCCC at community events and serve in targeted roles such as patient representatives on clinical trial review boards, patient care focus groups, legislative advocacy teams, and local members of national support associations.

George T. & Sandy Schwartz Bryan
Ilene Fielkow
Meg E. Gaines
Albert T. Goldstein
Hans & Marjorie Helland
Sara Hildebrand
Patricia A. Howell
Charles Koval
Nancy Krellick
Efrat Livny
Paula Lundberg
Linda Nielsen
William J. Nitzke
Donald Ryan
Susan Veatch
Mary Wickhem

AMBASSADORS

The UWCCC Ambassadors are a valued network of friends, donors, and volunteers who stay connected and informed about UWCCC, positively promoting UWCCC in their social circles and communities, and attending and assisting with UWCCC events. The Ambassadors are currently welcoming new members.

DeEtte Beilfuss-Eager
Mary Carbone
Diane Chechik
June Franklin
Mary Lou Birkett Goodfriend
Forrest Hartmann
Tom & Barbara Kilgore
Phyllis Leach
Charles & Marian Loeffler
JoAnn Six-Plesko
Louise Rusch
Comprehensive Cancer Care

At the University of Wisconsin Paul P. Carbone Comprehensive Cancer Center, our goal is to offer excellence in care and service each time patients and family members visit.

Delivering on that promise requires a fervent commitment to quality and to the people, programs, technologies and partnerships that make it happen. To monitor progress, we routinely measure performance and compare it to nationally accepted standards and best practices. We are proud to be among those setting the standards and creating the best practices that others follow.

The UW Carbone Cancer Center’s patient care and clinical research is conducted at two Madison locations by trained medical oncologists and hematologists:

- Carbone Cancer Center – UW Hospital and Clinics
  600 Highland Avenue
- Carbone Cancer Clinic – UW Health Oncology and Hematology
  1 S. Park Street

The UW Carbone Cancer Center has established alliances with health care facilities that extend its quality patient care and access to clinical trials:

- Beloit Memorial Hospital, Beloit
- FHN Leonard C. Ferguson Cancer Center, Freeport, IL
- Michael D. Wachtel Cancer Center at Mercy Medical Center, Oshkosh
- St. Elizabeth Hospital Cancer Center at St. Elizabeth Hospital, Appleton
- UW Cancer Center Johnson Creek, Johnson Creek (a partnership among Fort HealthCare, UW Health Partners Watertown Regional Medical Center and UW Health)
- UW Cancer Center Riverview, Wisconsin Rapids

**SUMMARY OF NEW CANCER CASES 2003-2007, UW HOSPITAL AND CLINICS**
Cancer Connect

The University of Wisconsin Paul P. Carbone Comprehensive Cancer Center’s Cancer Connect office is staffed by skilled oncology nurses and health educators who provide specific information about the Carbone Cancer Center and how to access care.

Our mission is to improve cancer care and advocate for patients. We direct patients to available services and disseminate up-to-date and accurate information to health professionals, cancer patients and their families.

Contact Cancer Connect for:

- New appointment scheduling
- Information and preliminary screening for clinical trials
- Referrals to the Carbone Cancer Center and community organizations
- Information about Carbone Cancer Center press releases, news items and events
- Carbone Cancer Center resources available to cancer patients

To speak directly to us, call from 9 am-4 pm Monday through Friday. If you call after hours, you can leave a recorded message. Your call will be returned the next working day. Cancer Connect Contact Information: (608) 262-5223 or (800) 622-8922

<table>
<thead>
<tr>
<th>2007 Clinical Research Participants (1/1/07-12/31/2007)</th>
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<tbody>
<tr>
<td><strong>Intervention Studies</strong></td>
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<tr>
<td>Therapeutic</td>
</tr>
<tr>
<td>UWCCC: 555</td>
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<tr>
<td>Affiliates: 231</td>
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<tr>
<td>Total: 786</td>
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<tr>
<td>Supportive Care</td>
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<td>UWCCC: 350</td>
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<td>Affiliates: 0</td>
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<tr>
<td>Total: 350</td>
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<tr>
<td>Prevention</td>
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<td>UWCCC: 26</td>
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<tr>
<td>Affiliates: 43</td>
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<tr>
<td>Total: 69</td>
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<tr>
<td><strong>Non-Intervention Studies</strong></td>
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<tr>
<td>Correlative/Ancillary</td>
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<td>UWCCC: 281</td>
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<tr>
<td>Affiliates: 6</td>
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<tr>
<td>Total: 287</td>
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<tr>
<td>Screening/Early Detection/Diagnostic</td>
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<tr>
<td>UWCCC: 330</td>
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<tr>
<td>Affiliates: 0</td>
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<tr>
<td>Total: 330</td>
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<tr>
<td>Epidemiological/Observational/Outcome</td>
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<tr>
<td>UWCCC: 1016</td>
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<tr>
<td>Affiliates: 0</td>
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<tr>
<td>Total: 1016</td>
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<tr>
<td>Total: 1627</td>
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</tbody>
</table>

Clinical Trials – UW Carbone Cancer Center’s Greatest Strength

Clinical trials – testing new treatments - are among the UW Carbone Cancer Center’s greatest strengths. These research studies uncover answers to specific scientific questions about new ways to prevent, diagnose, detect and treat cancer, and offer patients access to state-of-the-art therapies.

Each trial is designed to test how a particular anti-cancer strategy attacks cancer, affects the people who receive it and improves survival rates. Often the best hope for effective treatment, they also enable progress in cancer research.
The UW Paul P. Carbone Comprehensive Cancer Center brings together the efforts of more than 280 faculty from 56 departments and nine schools on the UW-Madison campus.

Cancer Center members participate in seven research programs, which optimize intra- and inter-programmatic research and facilitate efforts to apply discoveries to improving the care of cancer patients. To read more about our research programs, please visit cancer.wisc.edu.

### CANCER CELL BIOLOGY

**Program Leader:** Paul J. Bertics, PhD  
**Co-Leader:** Patricia J. Keely, PhD

The Cancer Cell Biology Program seeks to understand the signals that govern the proliferation and invasion of metastatic tumors.

- Caroline M. Alexander, PhD
- Richard A. Anderson, PhD
- Richard R. Burgess, PhD
- William J. Burlingham, PhD
- Mark E. Burkard, MD, PhD
- Wade A. Bushman, MD, PhD
- Dongsheng Cai, MD, PhD
- Nansi Jo Colley, PhD
- Charles J. Czuprynski, PhD
- Sinisa Dovat, MD, DSc
- Frances J. Fogarty, PhD
- Andreas Friedt, MD
- Michael K. Fritsch, MD, PhD
- Daniel S. Greenspan, PhD
- Colleen E. Hayes, PhD
- Peiman Hematti, MD
- Anna Hultenlocher, MD
- David F. Jarrard, MD
- Laura L. Kiessling, PhD
- B. Jack Longley, MD
- James S. Malter, MD
- Shi-geki Miyamoto, PhD
- Deane F. Mosher, MD
- Christopher J. Murphy, DVM, PhD
- Robert W. Nickells, PhD
- Sean P. Palecek, PhD
- Donna M. Paulnock, PhD
- Donna M. Peters, PhD
- Arthur S. Polans, PhD
- Alexander L. Rakhmilevich, MD, PhD
- Erik A. Ranheim, MD, PhD
- Alan C. Rapraeger, PhD
- Avtar S. Roopra, PhD
- Jeff Ross, MD
- Matyas Sandor, PhD
- Christine M. Seroogy, MD
- John R. Sheehan, MD
- Lewis G. Sheffield, PhD
- Nader Sheibani, PhD
- Igor I. Slukvin, MD, PhD
- Gary A. Splits, DVM, PhD
- M. Suresh, DVM, PhD
- John P. Svaren, PhD
- James A. Thomson, VMD, PhD
- David A. Wassarman, PhD
- David I. Watkins, PhD
- Jyoti J. Watters, PhD
- Jon Pointon Woods, PhD

### CANCER CONTROL AND POPULATION SCIENCE

**Program Leader:** James F. Cleary, MBBS  
**Co-Leader:** Patrick L. Remington, MD, MPH

The mission of the Cancer Control and Population Science Program is to understand the causes and distribution of cancer in populations and support the development and implementation of effective interventions.

- Alexandra K. Adams, MD, PhD
- Henry A. Anderson, MD
- Sanjay Asthana, MD
- Timothy B. Baker, PhD
- Justine Yang Bruce, MD
- Elizabeth S. Burnside, MD, MPH
- Toby C. Campbell, MD
- Betty A. Chewning, PhD
- Lisa H. Colbert, PhD, MPH
- June L. Dahl, PhD
- William E. Fahl, PhD
- Michael C. Fiore, MD, MPH
- Brion J. Fox, JD
- Dennis G. Fryback, PhD
- Ronald E. Gagnon, PhD
- Aaron M. Gilson, PhD
- Albert C. Gunther, PhD
- David H. Gustafson, PhD
- Lawrence P. Hanrahan, PhD
- Robert M. Hauser, PhD
- Robert P. Hawkins, PhD
- Susan M. Heidrich, PhD, RN
- Paul R. Hutson, PharmD, MS
- David E. Joranson, MSSW
- Douglas E. Jorenby, PhD
- Betty J. Kramer, PhD
- David M. Kushnir, MD
- Kristine L. Kwakkeboom, PhD, RN
- Diane R. Lauver, PhD, APRN
- Noelle K. Laconte, MD
- Ana P. Martinez-Donate, PhD
- D. Paul Moberg, PhD
- Polly A. Newcomb, PhD, MPH
- JoAnne A. Robbins, PhD
- Michael L. Rothschild, PhD
- Kurt W. Saue, PhD
- Tracey A. Schroepfer, PhD
- Ronald C. Serlin, PhD
- Bret R. Shaw, PhD
- Halcyon G. Skinner, PhD, MPH
- Maureen A. Smith, MD, PhD, MPH
- Stevens S. Smith, PhD
- Amy Trentham-Dietz, PhD
- David J. Vanness, PhD
- Sandra E. Ward, MD, MPH
- Margaret E. Wise, PhD
- Whitney P. Witt, PhD, MPH
CANCER GENETICS

Program Leader:  Michael N. Gould, PhD  Co-Leader:  Michael A. Newton, PhD

The mission of the Cancer Genetics Program is to develop the capabilities of experimental genetic analysis to define causative pathways that affect tumor growth.

Judd M. Aiken, PhD  Alan D. Attie, PhD  Christopher A. Bradfield, PhD  Emery H. Bresnick, PhD  Franco Cerrina, PhD  Sara C. Collier, PhD  Mark W. Craven, PhD  John M. Denu, PhD  Colin N. Dewey, PhD  William F. Dove, PhD  Norman R. Drinkwater, PhD  Anne E. Grieb, PhD  James L. Keck, PhD  Christina Kendzierski, PhD  Paul C. Marker, PhD  Lorraine F. Meisner, PhD  C. David Page, Jr., PhD  Richard E. Peterson, PhD  Tomas A. Prolla, PhD  Carol D. Ryff, PhD  Eric P. Sandgren, VMD, PhD  David C. Schwartz, PhD  Lloyd M. Smith, PhD  Xin Sun, PhD  Michael R. Sussman, PhD  Wei Xu, PhD  Richard H. Weindruch, PhD  Brian S. Yandell, PhD  Ken H. Young, MD, PhD

CHEMOPREVENTION

Program Leader:  Howard H. Bailey, MD  Co-Leader:  Hasan Mukhtar, PhD

The mission of the Chemoprevention Program is to determine the causes of cancer and then translate the knowledge to develop and evaluate drugs, vitamins or other agents to try to reduce the risk of or delay the development of cancer.

Farrukh Afaq, PhD  Nihal Ahmad, MD, PhD  Elaine T. Alarid, PhD  George T. Bryan, MD, PhD  Jason R. Gee, MD  Juliet L. Gunkel, MD  Colin R. Jefcoate, PhD  KyungMann Kim, PhD  Ladan Mostaghimi, MD  Minakshi Nihal, PhD  Michael W. Pariza, PhD  Henry C. Pitot, MD, PhD  Linda A. Schuler, VMD, PhD  Vijay Setaluri, PhD  Vladimir S. Spiegelman, MD, PhD  Roger A. Sunde, PhD  Ajit Kumar Verma, PhD  Weixiong Zhong, MD, PhD

EXPERIMENTAL THERAPEUTICS

Program Leader:  F. Michael Hoffmann, PhD  Co-Leader:  Douglas G. McNeel, MD, PhD

The specific aims of the Experimental Therapeutics Program are to identify novel mechanisms of anti-cancer therapy and translate them to clinical applications, to perform initial human clinical trials and to move new therapies to disease-specific settings.

Nicholas L. Abbott, PhD  Daniel M. Albert, MD  Mark R. Albertini, MD  Adin-Cristian Andrei, PhD  Hirak S. Basu, PhD  David J. Beebe, PhD  Helen E. Blackwell, PhD  Reginald C. Bruskewitz, MD  Natalie S. Callander, MD  Julie E. Chang, MD  Herbert Chen, MD  Joseph P. Connor, MD  Hector F. DeLuca, PhD  David L. DeMets, PhD  Darin Y. Furgesson, PhD  Samuel H. Gallman, PhD  James E. Gern, MD  Jacquelyn A. Hanks, PhD  Ellen M. Hartenbach, MD  Tien Hoang, MD  Kyle D. Holen, MD  Wei Huang, MD  C. Richard Hutchinson, PhD  Brad S. Kahl, MD  Wei Yuan John Kao, PhD  Jill M. Kolesar, PharmD  Iline D. Kurzman, EdD  Glen S. Kwon, PharmD  Glenn Liu, MD  Miroslav Malkovsky, MD, PhD  Rebecca Mannochia, PharmD  Gerard J.D. Marrriott, PhD  Daniel L. Mulkerin, MD  Daniel Muller, MD, PhD  Terry D. Oberley, MD, PhD  Manish S. Patankar, PhD  Gordana Racic, MD, PhD  Ronald T. Raines, PhD  Scott R. Rajski, PhD  H. Ian Robbins, MD, PhD  Stephen L. Rose, MD  Arnold E. Ruoho, PhD  William R. Schelman, MD  Anath Shalev, PhD  Ben Shen, PhD  Eric V. Shusta, PhD  Paul M. Sondel, MD, PhD  Amye J. Tevaarwerk, MD  Randal S. Tibbetts, PhD  Jon S. Thorson, PhD  Anne M. Traynor, MD  David M. Vail, DVM  George Wilding, MD  Kari B. Wisinski, MD  Jon A. Wolff, MD  Gary S. Wood, MD
HUMAN CANCER VIROLOGY

Program Leader: Paul G. Ahlquist, PhD

Researchers in the Human Cancer Virology Program study members of families of viruses that cause cancer in people – revealing the mechanisms by which viruses predispose cells to evolve into tumors and by dissecting the routes by which viruses enter cells.

Curtis R. Brandt, PhD
Jenny E. Gumperz, PhD
Robert J. Kuliepe, PhD
Bruce S. Klein, PhD

Paul F. Lambert, PhD
Daniel D. Loeb, PhD
Janet E. Mertz, PhD
Robert Todd Striker, MD, PhD

Bill Sugden, PhD
John Yin, PhD

IMAGING AND RADIATION SCIENCES

Program Leader: Minesh P. Mehta, MD

The Imaging and Radiation Sciences Program is focused on improving early detection and staging of cancer as well as developing strategies to improve outcomes of patients treated with radiation.

William McChesney Adams III, DVM
B. Lynn Allen-Hoffmann, PhD
Weibo Cai, PhD
Gabriela G. Cozar, DVM, PhD
Suresh R. Chandra, MD
Richard J. Chappell, PhD
Onofre T. DeJesus, PhD
Paul M. DeLuca, Jr., PhD
Sean B. Fain, PhD
Jason P. Fine, PhD
Lisa J. Forrest, VMD
Thomas M. Grist, MD
Suresh R. Chandra, MD
Paul M. Harari, MD

Victor M. Haughton, MD
Steven P. Howard, MD, PhD
Robert Jeraj, PhD
Sterling C. Johnson, PhD
Frederick Kelcz, MD, PhD
Kevin R. Kozak, MD, PhD
John S. Kuo, MD, PhD
Fred T. Lee, Jr., MD
Leonard A. Levin, MD, PhD
T. Rockwell Mackie, PhD
Ernest L. Madsen, PhD
Mary Elizabeth Meyerand, PhD
Charles A. Mistretta, PhD
Robert J. Nickles, PhD

Bhudatt R. Paliwal, PhD
Walter W. Peppler, PhD
Scott B. Perlman, MD
Perry J. Pickhardt, MD
Mark A. Pitter, MD, PhD
Howard A. Rowley, MD
Bruce R. Thomadsen, PhD
Wolfgang A. Tome, PhD
Patrick A. Turski, MD
Deric L. Wheeler, PhD
James P. Weichert, PhD
Tracey L. Weigel, MD
James A. Zagzebski, PhD

CLINICAL INVESTIGATORS PARTICIPATING ACROSS PROGRAMS

These faculty members contribute to the clinical research effort by recruiting patients to clinical trials, advocating the benefits of clinical trials to patients, managing the care of patients according to the guidelines of the clinical research protocols and analyzing clinical samples.

Ruthanne Chun, DVM
Moo K. Chung, PhD
Kenneth B. DeSantes, MD
Carol A. Diamond, MD
Jens C. Eickhoff, PhD
Anthony C. Evans, MD, PhD
John P. Heiner, MD
Charles P. Heise, MD
Molly A. Hinshaw, MD
Mark B. Juckett, MD
Catherine P. Leith, MB, BChir

Mary J. Lindstrom, PhD
Walter L. Longo, MD
Peter A. Mahler, MD, PhD
James D. Maloney, MD
Lucille R. Marchand, MD, BSN
Timothy D. Moon, MD
Stephen Y. Nakada, MD
T. Michael Nork, MD
Diane M. Puccetti, MD
Mark Reichelderfer, MD
Laurel W. Rice, MD

Marjorie A. Rosenberg, PhD
M. Shahrira Salamat, MD, PhD
Sana M. Salih, MD
Amin F. Shaaban, MD
Jude W. Shavlik, PhD
Richard A. Steeves, MD, PhD
Sharon M. Weber, MD
Eliot C. Williams, MD, PhD
Robert D. Woodson, MD
Contributions
Financial Information
Donors and Gifts

The University of Wisconsin Paul P. Carbone Comprehensive Cancer Center would like to thank all donors who help our organization maintain its leading role in innovative research initiatives, compassionate cancer care and education for the public and health care professionals.

In an effort to be environmentally conscious, we have reduced the number of pages of our annual report. Therefore, we are listing $1,000 and above gifts received during July 1, 2007 – June 30, 2008. A complete list of $100 and above gifts can be found on our annual report website, uwhealth.org/momentsintime.

If your gift was inadvertently omitted, or if there is an error on our part, we apologize. If you have any questions, please contact Kelly Sitkin, (608) 263-1677.

$100,000 AND ABOVE

Robert G. and Dyan J. Armstrong
Cynthia A. Crawford
Estate of Clarence H. Deniger
Estate of Frank Gabriel
David M. Mandelbaum
Nathan Mandelbaum
Midwest Athletes Against Childhood Cancer Inc. (MACC Fund)
Prostate Cancer Foundation
Eleanor B. Ruud
Robert F. and Ruth A. Skoronski
Ron F. Skoronski
Stephen M. and Amy L. Skoronski
Kirk Sorensen
William F. Steuber, Jr.
University of Wisconsin Medical Foundation

$10,000 - $99,999

Daniel M. and Eleanor Albert
James C. and Kathryn A. Allen
C. Berwyn, Jr. and Paula A. Anderson
Donald W. and Marilyn Anderson
Ann’s Hope Foundation Inc.
Mary P. Burke
Paul P. Carbone MD Memorial Foundation
Credit Union Executives Society
Gretchen and Andrew Dawes
Charitable Trust
Dells Area Cyclists
Charles M. Diaz, Jr.
Roger N. Duhl
Evan T. J. Dunbar
Neuroblastoma Foundation
Epic Systems Corporation
Gregg C. and Beverly K. Fergus
Donna G. Fox
John J. Frautschki Family Foundation
Friends Of Tim Eagle
Dennis and Karen Goodenough
Grand Aerie Fraternal Order of Eagles
Greater Richland Area Cancer Elimination Inc.
HEADRUSH
Don F. and Elisabeth F. Jabas
Audrey L. Keck
Dr. & Mrs Hugh A. Kennedy Foundation
Robert M. Knight
Florence M. Lanz
Vicki Lord Larson
Charles Lescrenier
Helen Lho
Steven C. Leuthold Family Foundation
Jodi Lou Lung Cancer Foundation
Edward A. McCullough
Matthew C. and Heather C. Morris
Our Hope Of Burlington
Philips Medical Systems
Phil Reader
Reynolds Transfer and Storage Inc.
Round of Hope
Donald P. and Diana Ryan
Phillip and Karen Siebert
David P. Simon
Robert D. Skoronski
Eugene A. Skowronski and Karen Tomlinson
Malcolm Stack Foundation Inc.
Robert M. and Penelope R. Steiner
Tanger Wisconsin Dells LLC
Paul A. and Judith M. Thomsen
Tomorrow’s Hope Inc.
TomoTherapy Inc.
UW Hospital & Clinics Authority
Virchow Krause & Company
Mary J. Voss
Wendy Will Case Cancer Fund Inc.
Jerry A. and Nancy C. Wolfe
Womens Golf Association of Janesville Country Club

Kids With Courage

Kids with Courage IV, held July 5 at Monona Terrace Convention Center in Madison, attracted more than 200 pediatric cancer survivors and their families. More than 900 attendees from Wisconsin and other Midwestern states, including Illinois, Iowa, and Ohio, spent the day getting reacquainted with doctors and nurses and bonding with others who understand the anguish and uncertainty of cancer.

Supermodel Cindy Crawford, who spearheaded the first Kids with Courage event in 1993, is pictured with Logan Johnson, a childhood cancer survivor at the July event.
$1,000- $9,999

Active Network Inc.
Adrenalin Outdoors Inc.
Arnold P. and Sally E. Anderson
ARC Memorial Fund
Dean J. Arnold
Automation Components Inc.
Badger Jim Beam Club
Robert W. Baird and Co. Inc.
James J. Bakke
Theodore W. and Marilyn H. Batterman
Battle of the Badges
John Beam
Allan L. and Paulette Beerkircher
Ronald E. Behling
Robert J. and Donna G. Betzig
Sandria S. Bilgri
Michael M. and Bonnie J. Bogen
Oscar C. Boldt
Daniel G. Borchartd
Breathe Free Sauk Prairie
Alan J. Bridges
Bristol-Myers Squibb Company
Bart Brown
Robert W. and Susan T. Brown
Randall J. Cacic
Cancer Crusaders Inc.
Sanford E. Cannold
Mary Carbone
Donald & Wanda Chisholm
Cesar E. Ceballos
Choose Hope Inc.
Clear Channel Communications Madison

Barbara B. Gambino
Timothy J. and Susan A. Gantz
Bryon Gaul
C. Daniel and Margaret P. Geisler
Mary F. Granger
Robert D. Griego
Olga Grkavac
Chris Gunnare
Hammes Company Sports Development Inc.
Lewis P. and Lorraine H. Hanson
Nancy Hanson
Hart Design Foundation Inc.
Hart Family Dentistry SC
Robert T. and Mona L. Harty
Patrick M. Hatfield
Veronica D. Hearty
William F. and Sharon L. Heibl
Margaret W. Hickman
Nelson & Vera Hicks Charitable Foundation
James W. and Anne Hill
Jacques Hochglaube
Philipp L. Hunkel Memorial Research Fund
Imclone Systems Incorporated
Insite Selection Services Int’l
James Madison Memorial High School
Fred B. Johnson
Robert G. Johnson
Thomas and Katie Johnson
Ruby E. Jonas
Kent E. and Sandra G. Joranlien
Aaron K. Joseph
Kachel Family Foundation Inc.
Kim G. Kalvep
Margo M. Kalvep
Jack L. Kaplan
Barbara J. Karlen
Patricia Keller
John M. and Lee M. Kelly
Kesslers Diamond Center
Kikkoman Foods Foundation Inc.
Thomas C. and Barbara N. Kilgore
Lois J. Kilmer
Randall H. and Patricia Kison
Kevin L. and Leah Knope
James D. and Dolores S. Kohn
Avis Kolpin
Charles F. and Patricia R. Koval
Donald L. and Joanne A. Krause
Stanley and Shirley A. Kritzik
William G. and Christie A. Krugier
Kris D. and Penelope L. Kabul
Richard H. and Darlene A. Lange
R. Todd Lappin
Roger E. Laubenheimer
Georgia Leech
Gary L. and Beth L. Leverton
Irving E. Levy
Marvin J. Levy
Lifecord Stat-Korea Co. Ltd.
Mary R. Long
Scott Luick
William S. Lynch
M. G. R. Foundation

The 2008 Drive for Hope, organized by the Credit Union Executives Society, resulted in a total donation of $80,000 to the “Creating Hope” Lung Cancer Campaign to provide facilities, researchers and support for lung cancer research.

The impressive 2008 contribution was made possible by the generosity shown by the Madison-area community at several events, including the 3rd annual Drive for Hope golf tournament, held August 11 at Bishops Bay Country Club; the inaugural Celebrate Hope party on August 10 at Capital Brewery; and the first Drive for Hope Online Auction, which ran for two weeks in July. Since 2006, Drive for Hope has donated $243,000 to the “Creating Hope” Campaign.

Shown at the 2008 event are: George Wilding, MD; Anne Traynor, MD; Fred Johnson, Russ Austin and Craig Hanson.
Walk with Grace

The Greater Richland Area Cancer Elimination (GRACE), a totally volunteer-driven organization, raised a record breaking $208,688 with its 5th annual Walk with GRACE held in summer 2008. Of this amount, 40 percent is donated to research – 20 percent to the UW Carbone Cancer Center and 20 percent to Gundersen Lutheran in La Crosse. Of the remaining dollars, 40 percent stays in the GRACE service area to assist cancer patients with their needs, 15 percent is allocated to the local medical community to assist care and comfort of cancer patients, four percent for cancer preventative programs and one percent carry-over.

Walk With GRACE had nearly 60 teams and more than 1,000 walkers who put their heart and soul into the event.

Madison Curling Club
Arlene Margolis
Oscar G. and Geraldine M. Mayer
Eugene F. Mayerrick
Nellie R. McCannon
Karen McCown
James and Christine L. McGrann
Robert & Emily McKay
Mellor Engineering Inc.
James S. Meyer
David N. and Carol R. Mickelson
Agnes Moore
Cynthia J. Morgan
Charles and Carolyn Mowbray
Stephen & Dane Nelson
Richard A. Nelesen
Cory L. M. and Michelle S. Nettles
Anne Nolan
Emily M. Nissley
Barbara J. Norene
North Island Credit Union
Stan O’Keefe
Christian A. Ogneski
Robert D. and Lois A. Olson
Optimist International Foundation
Nancy P. Orbison
Our Lady Queen Of Peace School
Papenhagen Construction Inc.
Milford Paulson
Christopher and Virginia Pedersen
Edward W. and Judy A. Peirick
Vincent Peng
Janice D. Pennau
Pepsi-Cola Company
Percipenz Technologies Inc.
Perkins Family Foundation
Jane R. Perlman
Robert H. Pettibone
Larry L. Pfiefe
Pfizer Foundation, Inc.
Ronald Phelps
Kenneth R. and Janet H. Plke
Steve Pink Woodworking
Erwin J. Plesko
Poynette Curling Club
Beverly A. Priefer
Janet L. Priefer
Gangaram Ragi
Martha M. ReQua
Ben and Sara A. Recker
Maurice J. and Arlene Reese
Herbert L. Raif
Elliott J. Resneck
Ride for Research
Mary K. Ring
Richard P. and Nancy J. Roloff
Wanda L. Rood
Mary A. Rosar
Steven A. and Julie M. Rucinski
Wendell Sagendorf
Sam Mobile Golf outing
Sam’s Club
Sanofi-Aventis US Inc.
Frank C. Saporito
Saris Cycling Group Inc.
Kimberly K. Schaefer
John E. and Carol E. Schiessl
John and Jean Schoenwaelder
Donald A. and Carol A. Schutt
William And Lillian Schwartz Foundation
Kenneth B. Shelton, Jr.
Kenneth P. Shemonski
Robert J. Shemonski
Robert E. Singiser
Jaleen Skoronski
Alice J. Slopa
Avis H. Smart
Stephen N. Snow
South Central Hog Chapter
Springs Window Fashions LLC
St. Patricks Day Parade Committee Inc.
Richard A. and Kristin S. Staehler
Mark J. Steichens and Mary J. Lindstrom
George K., Sr. and Mavis A. Steil
Stells Piggly Wiggly
Joseph T. and Jamie G. Steuer
Emily E. Stoddard
Steven C. Stoddard
Jack Stolitz Memorial Golf Outing
Kathleen Stolitz
Stonebrige Life Insurance Company
Summit Credit Union
James C. and Deborah W. Swanson
Nathan Taft and Hyang-Soon Lee
Dawn Tanner Memorial
Clausia Taylor Memorial Fund
TDS Long Distance Corp.
Marion L. Thompson
Erling T. Thoresen
Willard R. Thurlow
Jerry L. and Denise A. Tribbey
Tri-North Builders Inc.
Robert J. and Dorothy M. Troller
Uniek
University Book Store
UW Health, Department of Ear, Nose & Throat
Urology Associates Of Green Bay
Edwin A. and Susan S. Van Boxtel
J. Paul and Lois A. Van Nevel
Buck VanVonderen Memorial
Denis R. and Laura L. Vogel
Harlan Waksal
Robert L. and Elaine A. Waldo
Duard L. and Dorothea V. Walker
Wal Mart Stores Inc.
Norma L. Wampler
John J. and Jacalyn L. Warczak
Tracey L. Weigel
Frances L. Weinstein
John T. and Celeste S. Wencel
Wescorp
Margaret A. Westling
Cheryl R. Weston
John C. and Joyce O. Weston
WI Dells Area United Fund Inc.
David S. Wilkinson
Windsor Garden Club
Margie Winter
Wisconsin Dual-Sport Riders
Wisconsin Multiple Myeloma Support Group
Workers Credit Union
World Council of Credit Unions
James A. and Jacquelyn L. Wrycha
Gail L. Wurtzler
Marvin Zelen
Erwin F. and Joan R. Zuehlke
In Memory of

Memorial gifts are given in memory of a loved one who is deceased. A minimum gift of $1,000 has been made in memory of the individuals listed from July 1, 2007 - June 30, 2008.


In Honor of

Honor gifts are given in recognition of a loved one who is living. A minimum gift of $1,000 has been made in honor of the individuals listed from July 1, 2007 - June 30, 2008.

Abby Armstrong  Delbert Blum  Becky Collar  Kate Emerich  Clarence Firari  Jason Gee, MD  Shelli Goar  Kay Grossenbach  Becky Hoyt  Marilyn Johnson  Sandra Joranlien  Lee Kaplan, MD  William Keane's grandchildren  Sherry B. Lawrence  Randy Luethke  Susan Norby  Nurses & Staff of Hematology/Oncology Clinic  Janet Priefer  Mindy Schwenn  Robert C. Voss

In an effort to be environmentally conscious, we have reduced the number of pages of our annual report. Therefore, we are listing $1,000 and above gifts received during July 1, 2007 – June 30, 2008. A complete list of $100 and above gifts can be found on our annual report website, uwhealth.org/momentsintime. If your gift was inadvertently omitted or if there is an error on our part, we apologize. If you have any questions, please contact Kelly Sitkin, (608) 263-1677.

Tanger Outlets

For the 15th year, Tanger Outlet Centers asked its shoppers to think pink in the battle against breast cancer. As part of the annual program to fight breast cancer and raise awareness for this disease, Tanger customers in Wisconsin Dells joined in the campaign September 17-October 19, 2008.

The successful program raised more than $29,000 in 2008 and $20,000 in 2007 for the UW Carbone Cancer Center. Since 1994, Tanger Outlet Centers has contributed in excess of $5 million to increase awareness for the importance of early detection, support educational programs and to improve the quality of life for breast cancer patients and families throughout the country.
For the fiscal year ending June 30, 2008

**OPERATING RESULTS**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>SOURCES OF SUPPORT</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Grants and awards</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core grant from NCI</td>
<td>$5,284,663</td>
<td>$5,775,748</td>
<td>$5,950,249</td>
<td>$5,012,413</td>
<td>$5,081,743</td>
</tr>
<tr>
<td>Other federal awards</td>
<td>104,819,723</td>
<td>95,973,303</td>
<td>97,831,063</td>
<td>93,915,646</td>
<td>74,007,463</td>
</tr>
<tr>
<td>Industry and other</td>
<td>32,913,101</td>
<td>23,686,689</td>
<td>15,932,403</td>
<td>17,858,051</td>
<td>12,709,340</td>
</tr>
<tr>
<td></td>
<td>143,017,487</td>
<td>125,435,740</td>
<td>119,713,715</td>
<td>116,786,110</td>
<td>91,798,546</td>
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<tr>
<td>Contributions</td>
<td>6,131,145</td>
<td>3,797,594</td>
<td>5,423,742</td>
<td>4,600,175</td>
<td>3,706,914</td>
</tr>
<tr>
<td><strong>University of Wisconsin</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>School of Medicine and Public Health</td>
<td>1,015,593</td>
<td>732,441</td>
<td>853,141</td>
<td>920,271</td>
<td>1,000,820</td>
</tr>
<tr>
<td>All other</td>
<td>144,514</td>
<td>152,853</td>
<td>46,000</td>
<td>60,830</td>
<td>47,825</td>
</tr>
<tr>
<td></td>
<td>1,160,107</td>
<td>885,294</td>
<td>899,141</td>
<td>981,101</td>
<td>1,048,645</td>
</tr>
<tr>
<td>Fees for research support services</td>
<td>2,571,843</td>
<td>1,790,421</td>
<td>1,479,850</td>
<td>1,321,496</td>
<td>955,921</td>
</tr>
<tr>
<td>Investment earnings</td>
<td>1,327,416</td>
<td>1,040,005</td>
<td>984,357</td>
<td>739,070</td>
<td>804,204</td>
</tr>
<tr>
<td><strong>TOTAL SUPPORT</strong></td>
<td>154,207,998</td>
<td>132,949,054</td>
<td>128,500,805</td>
<td>124,427,952</td>
<td>98,314,230</td>
</tr>
<tr>
<td><strong>EXPENDITURES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salaries and benefits</td>
<td>76,706,088</td>
<td>64,052,666</td>
<td>61,801,409</td>
<td>58,326,534</td>
<td>47,791,234</td>
</tr>
<tr>
<td>Equipment</td>
<td>2,475,317</td>
<td>2,296,933</td>
<td>2,662,573</td>
<td>2,022,249</td>
<td>1,613,682</td>
</tr>
<tr>
<td>Services and supplies</td>
<td>13,796,065</td>
<td>11,388,613</td>
<td>11,422,570</td>
<td>11,166,212</td>
<td>10,041,091</td>
</tr>
<tr>
<td>Travel</td>
<td>2,608,491</td>
<td>1,733,055</td>
<td>1,525,488</td>
<td>1,649,753</td>
<td>1,254,724</td>
</tr>
<tr>
<td>Other expenses</td>
<td>26,791,031</td>
<td>23,913,258</td>
<td>21,362,185</td>
<td>18,705,380</td>
<td>13,058,466</td>
</tr>
<tr>
<td>Overhead support to UW-Madison</td>
<td>31,183,091</td>
<td>28,552,343</td>
<td>29,945,866</td>
<td>27,857,459</td>
<td>23,479,837</td>
</tr>
<tr>
<td><strong>TOTAL EXPENDITURES</strong></td>
<td>153,560,083</td>
<td>131,936,868</td>
<td>128,720,091</td>
<td>119,727,587</td>
<td>97,239,034</td>
</tr>
<tr>
<td><strong>SUPPORT GREATER THAN (LESS THAN) EXPENDITURES</strong></td>
<td><strong>$647,915</strong></td>
<td><strong>$1,012,186</strong></td>
<td><strong>$(219,286)</strong></td>
<td><strong>$4,700,365</strong></td>
<td><strong>$1,075,196</strong></td>
</tr>
</tbody>
</table>

During fiscal 2008 total support increased to $154.2 million or an increase of 16.0%. Since fiscal 2004 support has grown 56.9%. Total expenditures in fiscal 2008 reached $153.5 million. As in prior years, salaries and benefits represented the largest component at 50% of total expenditures.
**EXPENSES BY MEMBER DEPARTMENT**

During the fiscal year ended June 30, 2008, research and training-related expenditures were incurred in more than 40 UW schools and departments. The Cancer Center member departments cover a wide range of disciplines across the UW campus. The two largest departments, as measured by expenditures, were the Department of Medicine and the McArdle Laboratory for Cancer Research.

**MEMBER SUPPORT**

As of June 30, 2008 Cancer Center member annual external research and training support totaled $157.4 million, an increase of 1.5%.

**EXPENSES BY PROGRAM**

This chart represents the relative levels of expenditures during the fiscal year by the Cancer Center program areas.
Contributions: A Commitment to the Future

Your gift to the UW Paul P. Carbone Comprehensive Cancer Center supports greater innovative research initiatives, compassionate cancer care, and education for public and health care professionals.

Your contribution also enables our researchers to explore new ideas, purchase new cancer research technology, and develop better methods of diagnosing, treating and preventing cancer.

Funding for the Cancer Center's research, outreach and treatment programs is more important than ever. There are many ways to support the UW Carbone Cancer Center (UWCCC):

**UNRESTRICTED GIFTS** are truly valuable because they provide the flexibility needed for research to move quickly in unexpected directions and to swiftly pursue promising clinical applications. Unrestricted gifts also provide resources to cover the costs of critical services not entirely funded by other support.

**DESIGNATED GIFTS** benefit specific programs of your choice. Funds may be designated for initiatives in specific areas of cancer research, patient care and educational needs.

**CORPORATE MATCHING GIFTS** are an excellent way to increase your giving potential to the Center. For more information, please contact your human resources office or our development office, (608) 263-1677.

**MEMORIAL AND HONOR GIFTS** allow contributors to recognize loved ones in a special way. Memorial gifts are made in memory of family members, friends or colleagues who have passed away. Honor gifts show someone in your life a measure of affection, admiration or gratitude. When such gifts are made, a special notification is sent to the family or the individual.

**ENDOWMENTS** to sustain programmatic development are an option to create a lasting legacy in the benefactor’s name.

**OTHER EXAMPLES OF GIVING** include purchasing research equipment, funding fellowship or research programs, sponsoring special events, or underwriting programs for the community or health care professionals.

**PLANNED GIVING**, in the form of gift annuities, charitable remainder trusts, or designating the Center in your will, is also an option. The UW Paul P. Carbone Comprehensive Cancer Center can also be named as a beneficiary of retirement plans, trusts or life insurance policies. The Office of Planned Giving at the University of Wisconsin Foundation can assist in planning these gifts. Please call (608) 263-7594.

**CONTRIBUTING ONLINE** is possible by going to uwhealth.org. Choose the “Make a Gift” button and then select the UW Paul P. Carbone Comprehensive Cancer Center link.

The University of Wisconsin Foundation is the official fundraising and gift-receiving organization for the Cancer Center. For specific information about these giving options, visit the UW Foundation’s website: www.uwfoundation.wisc.edu

**GOING GREEN**

In an effort to be both environmentally conscious and fiscally responsible, the UW Carbone Cancer Center has made the following adjustments to our annual report:

- Reduced this year’s annual report by 12 pages
- Continued the tradition of printing on recycled paper
- Reduced printing and paper costs by eliminating the outer mailing envelope and accompanying cover letter

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The UW-Paul P. Carbone Comprehensive Cancer Center is the only comprehensive cancer center in the state of Wisconsin, as designated by the National Cancer Institute. Our focus is on research, education, prevention and providing the best care for patients.

For more information, visit cancer.wisc.edu.
In Sincere Appreciation

To the countless numbers of people who agreed with a smile to be photographed and to share their story...

To Angie, Chris and Natalie for your passion and compassion in telling “our” story.

UW Health serves as a leader in patient care, biomedical research and education, and service to communities. Three organizations—the University of Wisconsin School of Medicine and Public Health, University Hospital and Clinics, and University of Wisconsin Medical Foundation—combine their unique strengths and resources to meet the health needs of Wisconsin and beyond.

The University of Wisconsin School of Medicine and Public Health is recognized as an international leader in educating physicians, investigating the causes of disease, finding innovative solutions to medical problems and translating research into compassionate patient care.

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