

# UNIVERSITY OF MICHIGAN TRAUMA BURN CENTER

Winter 2005/2006

[www.traumaburn.org](http://www.traumaburn.org)

Thinking of tomorrow. Caring for today.

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Kids Burn Camp provides a safe place for burn injured children to experience the adventure and fun of camp. See page 4.

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University of Michigan  
Health System

## Dr. Wang Assumes Role of Burn Director



Stewart C. Wang, M.D., Ph.D., was recently appointed burn director to run the U-M Trauma Burn Center's burn program activities.

As the Trauma Center continues to expand, the creation of the burn director position is just one of the many additions to the depth and commitment of the Center's multi-disciplinary approach. As burn director, Wang, who joined the faculty of the Trauma Burn Center in 1995, oversees the many facets of care for burn patients such as treatment protocols and the coordination of doctors, nurses and therapists who work together to treat each patient.



This coordination of care is what initially drew Wang to the U-M Health System. He feels that the seamless teamwork along with the constantly innovative environment make the Trauma Burn Center a leader in caring for the most critically injured patients with the best outcomes. "As burn director I look forward to maintaining the Trauma Burn Center's tradition of outstanding innovations in critical care and will work to continue to utilize new therapies and treatments in an effort to improve patient care and decrease recovery time for critically injured patients," says Wang.

"The addition of Dr. Wang to Trauma Burn's administrative team is a wonderful complement to the cadre of exemplary clinicians who direct our programs." states Paul Taheri, division chief of Trauma Burn and Critical Care. "Having such an accomplished team taking an active role in the clinical, educational and research activities of Trauma Burn is outstanding for the mission of the entire health system."

Wang received his undergraduate degree from Yale College and his medical degree from the University of Chicago Pritzker School of Medicine. He subsequently completed his general surgery training at the University of Pittsburgh. During the course of his surgical training, Wang completed a Ph.D. in Immunology/Pathology as well as a surgical research fellowship. He is board certified in general surgery.

Wang's clinical interests and expertise are in the areas of trauma, burn and general surgery. He has special expertise in the area of surgical infections and inflammation. Wang also has an interest in injury prevention and currently directs the U-M Program for Injury Research and Education. Wang lectures regularly to first responders and other medical facilities on topics such as wound care, crash site assessment and initial evaluation and management for critically injured patients.

Because recovery for burn injured patients can be a long and often painful process, Wang is committed to exploring advances in treatment such as virtual reality devices that could minimize the need for sedation, shorten recovery time and facilitate more effective physical therapy. Wang is also working to coordinate educational opportunities for physical and occupational therapists throughout the state that are responsible for providing care to burn patients upon their return home. He hopes to continue to use new therapies and treatments to fight infection in burn patients, improve continuity of care and ultimately minimize length of hospital stay so patients can get back to their lives more quickly. For Wang, rewards come in the form of happy patients and families, "The most fulfilling thing about my job is knowing that families are entrusting their loves ones to our care. That is a responsibility I take very seriously." ■

# Chief of Surgical Critical Care Joins Trauma Burn Center Team



**L**ena M. Napolitano, M.D., recently joined the faculty of the U-M Trauma Burn Center as the chief of surgical critical care. Surgical critical care encompasses many specialties of general surgery seen in the surgical intensive care unit such as surgical oncology, transplant surgery and gastrointestinal surgery. In her role as chief of surgical critical care, Napolitano oversees the surgical critical care team and establishes policies for treatment and patient care.

Napolitano received her medical degree in 1984 and completed her general surgery residency in 1990 at George Washington University School of Medicine in Washington, D.C. Napolitano completed a fellowship in surgical critical care and trauma at the University of North Carolina and is board-certified in general surgery and surgical critical care.

Napolitano's clinical interests include general surgery, trauma and surgical

critical care. Her research interests are in translational and outcomes research in trauma and surgical critical care, with a focus on multiple organ failure, systemic inflammatory response, anemia and blood transfusion. Napolitano serves on the editorial board and as a reviewer for a number of surgical journals.

Napolitano participates nationally in many organizations, and is currently chair of the surgical section of the Society of Critical Care Medicine, chair of the Committee on Perioperative Care for the American College of Surgeons, and secretary-general of the Board of Regents of the American College of Critical Care Medicine. She has an active interest in surgical education and is a member of the Surgical Education and Self-Assessment Program Committee and a member of the steering committee of the American College of Surgeons' Fundamentals of Surgery Resident Curriculum Committee. As the chief of surgical critical care at the

U-M Health System, Napolitano oversees the surgical critical care fellowship program and created the curriculum followed by its surgical trainees.

Napolitano understands that the patients in her care and their families are often experiencing a tremendous amount of stress and feels that the role of the critical care team is to deliver the 'right care, right now,' with a patient and family-centered approach. Napolitano states that joining the faculty of the U-M Health System to head the critical care program was an attractive addition to her extensive experience as a physician because it allows her access to the latest technological advances. She adds, "This is a great opportunity to be on the cutting edge of developments in surgical techniques, research and improved patient outcomes." ■



## Your Donation Makes a Difference

The U-M Trauma Burn Center needs your support to fulfill our mission of raising awareness of preventable injuries, continuing groundbreaking research and utilizing the most innovative, methods and technologies to treat the most critically injured patients. The U-M Trauma Burn Center is a non-profit entity that depends on the contributions of the community we serve. Large or small, your tax-deductible donation can make a difference.

For more information or to give a gift, please visit [www.traumaburn.org](http://www.traumaburn.org) or contact:

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1.800.822.2233

[www.traumaburn.org](http://www.traumaburn.org)

# Educating Our Partners In Care

## Trauma Burn Center Offers Educational Opportunities

### Pre-Hospital Trauma Conference

Continuing pre-hospital education is vital to improving patient outcomes and provides an excellent opportunity to review and refine patient pre-hospital care initiatives. The Trauma Burn Center's Pre-Hospital Trauma Conference is designed to meet the educational objectives of pre-hospital personnel. This free quarterly conference is targeted to all statewide pre-hospital and hospital healthcare providers including R.N.'s, E.M.T.'s, paramedics, firefighters and first-responders. Topics are presented by Trauma Burn Center faculty and staff as well as other experts in the field of trauma and burns, injury prevention, workplace safety and emergency medicine. Attendees can earn educational credits upon completion.

### Upcoming Pre-Hospital Trauma Conference

Tuesday, March 28, 2006

Topic: Pediatric Trauma

### Advanced Burn Life Support (ABLS) Provider Course

This course offered by the Trauma Burn Center is designed for those physicians, nurses, nurse practitioners, therapists, physician assistants and paramedics who have responsibilities in assessing and managing burn patients during the first 24 hours post injury. Many members of the Trauma Burn Center faculty and staff are certified instructors for this course and will present topics, conduct demonstrations and provide education. The course combines lectures, case studies and group discussion with the opportunity to fully explore assessment and stabilization with simulated burn patients. Participants are tested in the American Burn Association's Burn Verified Center transfer criteria, priorities of treatment, fluid resuscitation and more. Participants receive continuing education credits upon completion of this eight-hour course.

### Upcoming ABLS Course

January 17, 2006

Courses take place at the UMHS and require pre-registration. For details on these and other educational opportunities offered by the Trauma Burn Center, contact the Trauma Burn Center or visit [www.traumaburn.org](http://www.traumaburn.org).

## Trauma Burn Center Welcomes New Faculty Member, Nurse Manager

**Paul M. Maggio, M.D.**, became a member of the Trauma Burn Center faculty in September upon the conclusion of his trauma burn/surgical critical care fellowship. Maggio treats patients in the Trauma Burn Center as well as the hospital's surgical intensive care units.

Maggio received his undergraduate degree at SUNY at Albany, New York, in 1991. He went on to obtain his medical degree in 1997 from SUNY at Buffalo School of Medicine and completed his general surgery residency at Brown University/Rhode Island Hospital in 2004. Maggio's clinical interests are trauma, general surgery and surgical critical care. He is board-certified in critical care. Maggio is currently enrolled in the MBA Program at the U-M Stephen M. Ross School of Business where he studies healthcare economics.

Maggio says, "It was a love of working with people and a desire to help those in need," that originally led him to the medical field. As a critical care physician, Maggio now treats patients with the most urgent needs of all. Maggio hopes to use both his medical expertise and the business experience he's acquiring to further advance the patient care in the Trauma Burn Center.

**Carrie M. Dawson, M.S., B.S.N., R.N.**, recently took the helm as nurse manager of the Trauma Burn Center. Dawson joined the U-M Health System in 1998 as a staff nurse in the surgical intensive care unit. Since that time she's worked in many nursing roles including manager of the surgical intensive care unit and interim manager of the pediatric intensive care unit. Among Dawson's many accomplishments is the development of a hospital-wide nurse

recruitment program. In the Trauma Burn Center, Dawson manages the operations of the unit and works with doctors and nursing staff to create patient care plans.

Dawson feels strongly about the importance of fostering an environment where nurses can reach their career goals and points to the many certifications and credentials of the Trauma Burn Center's nurses as a significant source of pride in her work. As she explains, "What I like best about my job is the people I work with. The nursing staff is passionate and excited about their jobs and hungry for education. My goal is to support them in their training and education to help them become what they want to be." ■

# Aftercare Programs

# Kids Burn



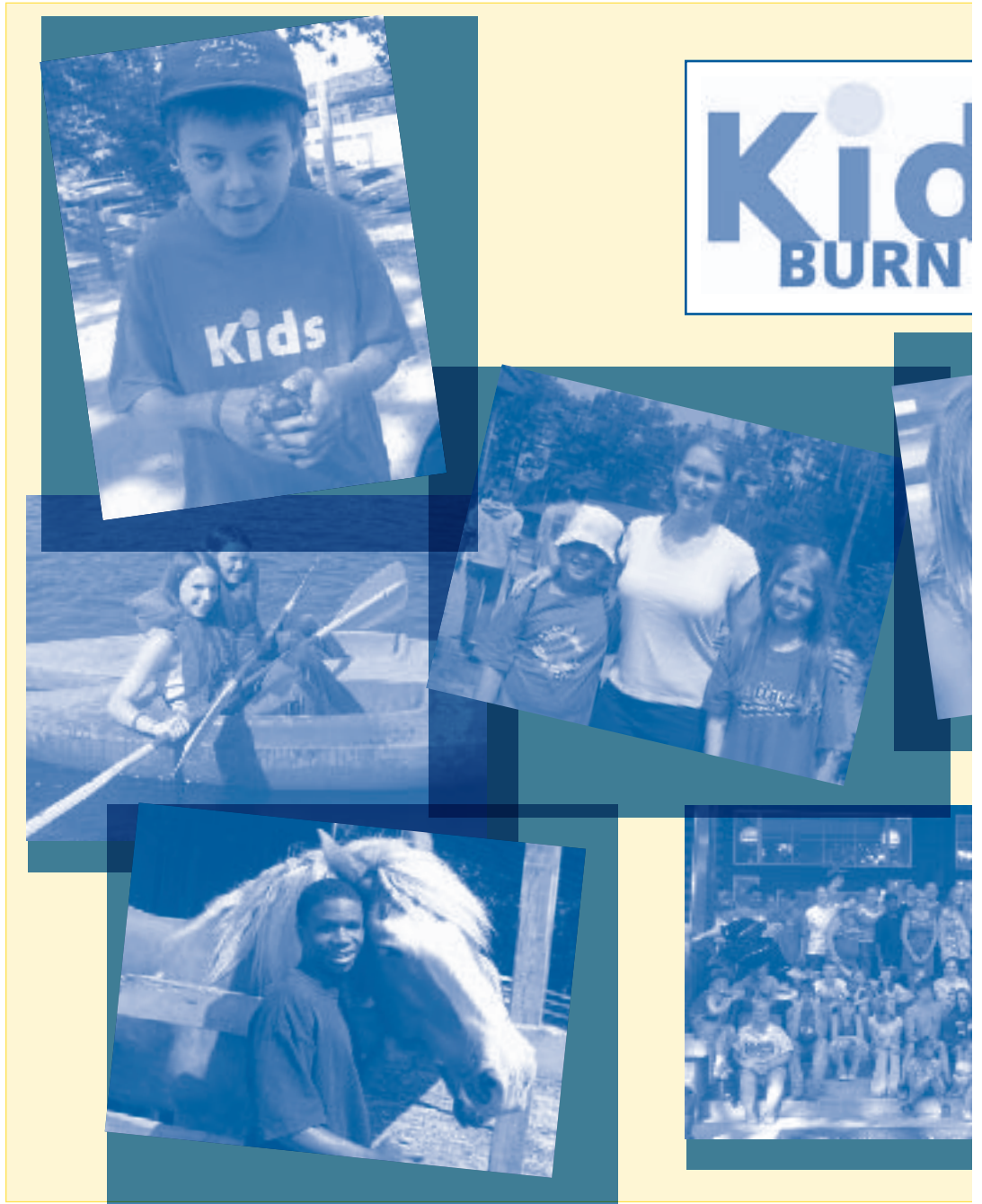
## Michigan District of Kiwanis International

*Kids Burn Camp provides a safe place for burn injured children to experience the adventure and fun of camp, while building lasting friendships, creating remarkable memories and discovering their personal strength along the way.*

**K**ids Burn Camp has been designated as the 2006 Governor's Project of the Michigan District of Kiwanis International. Each year, the Governor of the Michigan District of Kiwanis International selects a charitable project or program with a mission and vision that matches that of the Kiwanis organization. This 'Governor's Project' then becomes the benefactor of the statewide fundraising efforts of the Kiwanis. This distinctive honor will provide much-needed financial support to one of the Trauma Burn Center's most critical aftercare programs for burn injured children.

Every year, children who have been treated for a burn injury at a Michigan burn center are invited to attend Kids Burn Camp free of charge. This extraordinary week is specifically designed for children between the ages of 8-17 who have survived devastating burn injuries and is coordinated through a collaboration of Michigan burn centers.

Kids Burn Camp counselors are comprised of nurses, occupational and physical therapists, Michigan firefighters and social workers who have extensive experience in treating and caring for pediatric burn patients. Many of these dedicated professionals spend their week with the kids at camp as volunteers, a fact that made the program particularly poignant to Fred Model, the Governor of the Michigan District of Kiwanis International. "I was impressed by the passion and commitment of the nurses, social workers



and fire fighters that are involved with this project and return year after year on their own time, at their own expense," says Governor Model. "I chose Kids Burn Camp as my project because all children deserve the best possible start in life."

Kiwanis International is dedicated to

'changing the world one child and one community at a time' and has a long history of partnership with the U-M Health System, beginning as early as the 1950's when funds were raised to help support education and recreational programs for children who were being treated at the U-M. The Kids Burn Camp Governor's Project will be funded by

# rn Camp

## national Supports Kids Burn Camp



Individuals treated at the U-M Trauma Burn Center for a burn injury are eligible to attend Kids' Burn Camp and/or Family Burn Camp at no charge.

These programs are made possible by generous donations from organizations, corporations and individuals.

**For more information contact:**  
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contributions collected from local Kiwanis clubs throughout Michigan as well as personal contributions.

The goal of the Governor's Project is to raise enough funds to send 50 kids to burn camp. Although the average cost to send one child to burn camp is approximately \$500, Governor Model confirms that this

goal is well within reach for the Michigan Kiwanians who have been moved by the powerful mission of Kids Burn Camp. His fellow Kiwanians are eager supporters and partners of the project because as Governor Model attests, "These kids need our support—together we can make a difference in the life of a child." ■

# 25<sup>th</sup> Anniversary Bowl for Burns



## Trauma Burn Center's Oldest Fundraising Event Enters 25th Year

In 1980, Trenton fire fighters who had been personally touched by the devastation of a burn injury conceived an idea for a bowling tournament to raise funds to benefit the U-M Trauma Burn Center. They collected \$156 from that first tournament 25 years ago. Since that time, what is now known as the Bowl for Burns tournament has grown to include teams from throughout southeastern Michigan and became so large that volunteers from other 'Downriver' fire departments were brought on board to help organize the event. Throughout its 25 year history, Bowl for Burns has raised a total of over \$530,000, making it the Trauma Burn Center's oldest and most profitable charitable event.

Bowl for Burns is a United States Bowling

Congress-sanctioned event that takes place over the course of five weekends. Teams and volunteers are made up of fire fighters, nurses, autoworkers, and more. More than 50 volunteers join forces each year to plan and manage each bowling event and in 2005, over 2,600 people total participated in Bowl for Burns. Contributions from the Bowl for Burns event help fund essential education and aftercare programs at the Trauma Burn Center such as Kids Burn Camp, nursing education and more. Tournament manager and retired fire fighter Dan Whaley was one of the tournament's founders 25 years ago and remains its strongest advocate. Says Whaley, "Our group has visited the Trauma Burn Center many times to see the impact we have made. A burn or trauma injury changes lives, in each case forever."

This year's Bowl for Burns tournament takes place February 3 through March 4, 2006 at Parkway Lanes in Trenton, MI. The culmination of the tournament is celebrated each year with an award ceremony and live auction featuring sports memorabilia, gift and travel packages, dinner certificates and more. This year's auction will take place on Friday, March 4, 2006, at Parkway Lanes and will commemorate the 25<sup>th</sup> year of the tournament with a larger-than-ever live auction event, giveaways and more. The general public is encouraged and welcome to participate in the tournament and to attend the evening of the live auction event. For more information, to register a team, or to see items up for bidding during the auction event, visit [www.traumaburn.org](http://www.traumaburn.org) and click on Bowl for Burns! ■

## Prevention: The Best Medicine



real life



## Real Life: Trauma Burn Center's Alcohol and Drug Prevention Program for Teens

Traffic crashes are the number one killer of teens and over one-third of teen traffic deaths are alcohol related. Adolescents, compared with other age groups, have the lowest rate of seatbelt use.

Adolescents experiment with a variety of substances, including alcohol, prescription and nonprescription medications, cigarettes, inhalants and illegal drugs. Marijuana is the most widely used illicit drug in the United States and inhalant abuse is on the rise with more than 1,000 products being used by teens today.

Real Life was developed in 1996 to address the medical and social consequences of preventable injuries to this high-risk population. This hospital based day-long education intervention program focuses on techniques to prevent serious injury. It is targeted for youth ages 11-17 that are at risk for, or have already experimented with, alcohol and/or drugs. With the help of medical professionals, injury prevention specialists, young patient survivors and local police departments, Real Life participants get a first-hand look at the consequences of drug and alcohol related

injuries. Parent and child participate in open discussions on drug and alcohol prevention and driving safety. In addition, information is provided on the legal, financial and medical consequences of alcohol and drug use. The program services counties in southeast Michigan.

For more information on Real Life programs and scheduling, please visit [www.traumaburn.org](http://www.traumaburn.org). ■

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## Straight Talk



## Prevention: The Best Medicine



# U-M Juvenile Fire Injury Prevention Program Builds New Partnerships

Approximately 2.4 million burn injuries are reported per year. Burns and fires are the leading cause of accidental death in the home for children under the age of 14 and 40% of the fires that kill young children are started by children playing with fire. Arson has the highest rate of juvenile involvement of all other crimes with 55% of all arson arrests in the U.S. committed by children under the age of 18. Juvenile arson and youth-set fires result in over 300 deaths and 2,000 injuries annually and cause \$300 million in property damage.

Straight Talk was developed in 1998 by the U-M Trauma Burn Center to address the growing problem of juvenile fire setting. This family oriented, hospital-based program targets adolescents age 8-17 who exhibit high-risk behavior associated with fire play, fire

setting or juvenile arson. Since curiosity is powerful motivation for children, interactive education is a critical component of prevention.

Straight Talk addresses the medical and social consequences associated with devastating burn injuries. Adolescents and their parents attend this day-long program at the hospital and burn center during which medical professionals, injury prevention specialists and local fire departments provide a glimpse into the painful and tragic outcomes associated with fire play and burn injuries. Participants are referred by the juvenile court system, police and fire departments, schools or their parents.

Since its inception, the U-M Straight Talk program has become a prevention tool which

has been widely adopted by other facilities in the U.S. Most recently the program has expanded to Louisville, KY where it is being implemented at the University of Louisville Hospital, Kosair Children's Hospital and the Louisville Fire Department. Hurley Medical Center in Flint, MI was the first to join the U-M Trauma Burn Center in the effort to curb juvenile fire setting by implementing Straight Talk and continues to be an active partner in administering the program. In 2006, U-M and Hurley Medical Center will work together to provide Straight Talk to the entire southeastern Michigan region by conducting the program on alternating months.

For more information on Straight Talk programs and scheduling, please visit [www.traumaburn.org](http://www.traumaburn.org).

## Leland Gayheart Fire Safety and Prevention Award

Each year, the Trauma Burn Center supports the work of Michigan fire fighters by presenting the prestigious Leland Gayheart Fire Safety and Prevention Award. The award recognizes outstanding creativity and innovation in fire prevention and edu-

cation programs and is named in honor of a young fire fighter who lost his life after a devastating burn injury. The 2005 Leland Gayheart Award was presented in November to Michael Roarty of the Roseville Fire Department who was nominated by the Roseville Fire Marshal David Glancy.

The family of Leland Gayheart established this endowment to provide an honorarium of \$500 to be awarded each year to a Michigan fire department that is leading the way in community fire safety and education. The Trauma Burn Center's Injury Prevention office accepts nominations for the award and presents the honor each fall to a recipient whose outreach efforts in fire prevention demonstrate commitment and innovation, as well as advance the community's level of fire safety awareness.

### leland gayheart prevention award



Michael Roarty of the Roseville Fire Department was awarded the 2005 Leland Gayheart Fire Safety and Prevention Award on behalf of the Roseville Fire Department for their ongoing commitment to fire injury prevention and active participation in numerous community outreach efforts throughout the year.

For more information on the Leland Gayheart Fire Safety and Prevention Award, visit [www.traumaburn.org](http://www.traumaburn.org).



The Trauma Burn Center Injury Prevention Team presents the 2005 Leland Gayheart Award to the Roseville Fire Department, including Fire Chief Benjamin Foronato, Fire Marshal David Glancy and Fire Fighter Michael Roarty.

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## Upcoming Events

**Bowl for Burns**  
February 3-March 4  
Friday evenings and Saturday afternoons  
Trenton, MI

**Bloomfield Township Fire Department  
Charities & Bloomfield Hills Optimist  
19th Annual Golf Club Event**  
May 15  
Bloomfield Hills, MI

**Kids Winter Burn Camp**  
February 26  
Grand Rapids, MI

**Saline Area Firefighter Association  
Charity Dance & Casino Night**  
March 4  
Saline, MI

For more information please contact:  
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