CRASH 2006
Whiplash Conference and Live Crash Test Study
THE FINAL CRASH PROJECT

August 18-20, 2006
San Diego, California

Hosted by
Arthur C. Croft, D.C., M.Sc., M.P.H., F.A.C.O.

Spine Research Institute of San Diego
800.423.9860 • www.srisd.com
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Loews Coronado Bay Resort & Spa
San Diego, California
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CRASH 2006 will be the FINAL YEAR FOR CRASH! If you haven’t experienced CRASH yet, this is your last opportunity to attend. Since 1999, we’ve conducted full scale human volunteer crash tests at the Spine Research Institute of San Diego. Our data has been presented all over the world, including the SAE World Congress, International Whiplash Congresses, IRCOBI, AAAM, and, in July 2006, the World Congress of Biomechanics in Munich, Germany. However, this exciting eight-year research and certification program has reached its conclusion.

Join Arthur C. Croft, D.C., M.Sc., M.P.H., F.A.C.O., your moderator and host, for two days of didactic training, featuring world-renowned authorities from the fields of medicine, engineering, and manufacturing, and one very intensive full day of crash testing at SRISD’s proving grounds.

Great hands-on real world experience. There is no substitute for the sights, sounds, and smells of actual crashes.

Robert J. Rose, DC
Kingman, AZ
2005 CRASH Graduate
What You’ll Experience

CRASH is a unique opportunity to observe, first hand, actual full-scale, human volunteer crash testing. You will come away with a powerful experience and unrivaled credentials.

Each year, we conduct a variety of experiments at CRASH. Attendees are able to actively participate in some of these projects, as well as meet and interact with industry experts and researchers.

Since 1999, results from CRASH’s human subject crash testing have been published in peer-reviewed journals of engineering and medicine and have been presented at venues all over the world:

• Annual Association for the Advancement of Automotive Medicine (AAAM) Scientific Program
• Annual International Research Council on the Biomechanics of Impact (IRCOBI) Conference
• Three International World Congresses of Whiplash
• International Spinal Trauma Conference
• 7th Biennial Congress of the World Federation of Chiropractic
• Three annual meetings of the American Back Society
• The 10th World Congress on Pain (ISAP)
• Society of Automotive Engineers World Congress
• World Congress of Biomechanics, Munich

Don’t miss out on this final opportunity to participate in the most successful human subject crash testing program in the country. Those in your field with this expertise are few and far between.

Dr. Croft, I can state from experience, having attended the full 9-week ACR program at NWU, that nothing even approaches the information and practical application in LOSRIC that CRASH provides.

Thomas B. Skraitz, DC
Marlton, NJ
2001 & 2005 CRASH Graduate
CRASH 2006 Speakers

Arthur C. Croft, D.C., M.Sc., M.P.H., F.A.C.O.
Director, Spine Research Institute of San Diego

New Methods in Forensic Crash Analysis

Dr. Croft is the Founding Director of the Spine Research Institute of San Diego and Founder and President of the Center for Research into Automotive Safety and Health (CRASH), a non-profit research organization. He co-authored a best-selling textbook on whiplash (*Whiplash Injuries: the Cervical Acceleration/Deceleration Syndrome*, 3rd ed., 2002), and was the original developer of the now widely used whiplash (WAD) grading system, as well as the widely adopted treatment guidelines. Since 1999, he has been the only chiropractic physician to conduct ongoing, full-scale human volunteer crash testing. He is a biomechanist, trauma epidemiologist, and clinical orthopaedist. Dr. Croft is a certified automobile crash reconstructionist (NUTI) and serves as a panelist on the International Whiplash Task Force.

Rudy Degger, A.C.T.A.R.
Owner and Instructor, Rudy Degger & Associates, Inc.

Rudy Degger has been investigating traffic collisions since 1978. He is a qualified expert in court traffic accident reconstruction in 21 different California counties and in Federal Court. His expertise includes the reconstruction of auto-pedestrian, bicycle, motorcycle, speed-from-crush, commercial vehicle, and low speed impact collisions. Mr. Degger is a retired police sergeant from the San Francisco Bay Area. He currently teaches for the Contra Costa County Law Enforcement Training Center and lectures for industry organizations across the country. Mr. Degger has been active in crash testing, including cars, auto-pedestrian and motorcycles, to develop better collision reconstruction methods.
Jim Zurawski, Esq.

*Plaintiff and defendant perspectives on the presentation of accident reconstruction and biomechanist opinions and literature regarding low speed crashes, property damage and injuries for the clinical practitioner*

Mr. Zurawski is a trial lawyer with over 25 years of experience specializing in personal injury lawsuits with an emphasis in motor vehicle crashes involving expert testimony relating to complex medical, accident reconstruction and biomechanist issues.

Alexander M. Gelman, J.D.
Gelman Law Group, P.C.

*Use and introduction of crash test results and medical testing procedures, such as imaging studies and epidemiological research findings, to verify injuries in low speed collisions*

Alex Gelman is a published author in the fields of conflict resolution and communications and has a lifetime teaching credential for junior colleges in the fields. He is a practicing attorney in California, specializing in personal injury prosecution. As an attorney of almost 30 years, he has had a diverse history predominating on the DEFENSE side of the bar until opening his own practice. He was the managing and senior trial attorney for Aetna Insurance. He was then tapped to commence the staff counsel operation for Unigard Insurance Company. Mr. Gelman took over management and, as senior trial attorney for Nationwide Insurance/Wausau Insurance doing both personal injury and workers’ compensation defense, managed as many as five separate offices with over 40 lawyers. He has acted as a Judge Pro Tempore in Municipal Court, Superior Court and the Workers’ Compensation Appeals Board, and he now prosecutes plaintiff personal injury actions. Mr. Gelman has completed all modules presented by SRISD and has participated at several CRASH events.
Jerry Eubanks
Automobile Collision Analysis

Pedestrian Impact Analysis: Evaluating Post-Impact Movement of Pedestrians

Mr. Eubanks is a former San Diego Police Officer, having retired in 1985, where he assisted in both the re-development of the 40-hour Basic Accident Investigation course and the development of a 40-hour Advanced Accident Investigation course, both of which were certified by California POST. A noted author and internationally recognized expert on pedestrian involved collisions, Mr. Eubanks has orchestrated or participated in more than 1120 crash tests, including more than 365 pedestrian and 113 bicycle involved crash tests. He is the author of the widely acclaimed textbook, Pedestrian Accident Reconstruction and Litigation, 2nd ed., on the analysis of pedestrian involved collisions. Mr. Eubanks has also co-authored eight SAE papers and one Imeche in the field of accident reconstruction.

Joseph Slattery, M.D.
Chairman of the Department of Medicine
President of the Medical Staff
Palm Bay Community Hospital, Palm Bay Florida

Myofascial Pain and Myofascial Trigger Points Following Whiplash Injuries-A Multidisciplinary Approach

Dr. Slattery graduated from Creighton University Medical School in Omaha, Nebraska. After completing his residency at the Mayo Clinic in Rochester, Minnesota, he practiced Primary Care Internal Medicine for 13 years. In 2004, he helped establish All Brevard Chiro-Med in Melbourne, Florida, a multidisciplinary practice composed of a medical doctor, chiropractic physicians, and physical therapy that is dedicated to the treatment of whiplash injuries and other musculoskeletal complaints. He is a member of the International MYOPAIN Society and on the panel of reviewers for The Journal of Musculoskeletal Pain. Dr. Slattery is also a Certified Independent Medical Examiner and graduate of all SRISD programs.
Joseph Ramos, M.D.
Senior Clinical Instructor, Department of Surgery
University of Colorado Health Sciences Center

The Walking Wounded...Landmines That You Will See in Your Clinic

Dr. Ramos earned his medical degree at the University of Nevada School of Medicine, Reno. He completed his Internal Medicine Internship at University Medical Center in Las Vegas and later became board certified in Emergency Medicine, completing his specialty training at Denver Health Medical Center. Along with his private practice at Mile High Medical Group, Dr. Ramos is a Senior Clinical Instructor in the Department of Surgery at the University of Colorado Health Sciences Center. He is also pursuing a law degree from the University of Denver. He is a member of the American College of Emergency Physicians, the American College of Occupational and Environmental Medicine, and the International Spinal Injection Society. He serves as a committee member on the Colorado Medical Society’s Personal Injury/Workers’ Compensation Committee and holds a Level II Accreditation. He also serves on the advisory board for PIMA Medical Institute and is a speaker for the Colorado Prescription Drug Abuse Task Force.

John DeRosia M.S. MechEng, P.E.
Chief Engineer, Institute of Experts
Hoschton, GA

Mr. DeRosia is a graduate professional engineer working in the field of safety. He received his Bachelor and Masters degrees from Marquette University, Milwaukee, WI. He is currently working on his PhD in Biomedical Engineering at Marquette and the Medical College of Wisconsin. Mr. DeRosia is an A.C.T.A.R. certified accident reconstructionist and, as part of his professional work, has investigated hundreds of vehicle and pedestrian collisions to examine crash dynamics, human kinematics and injury causation. In June of 2006, Mr. DeRosia helped found the Institute of Experts, a facility committed to research and testing into human injury causation and accident cause analysis in Hoschton, GA. Mr. DeRosia is currently the Chief Engineer at the Institute.
Schedule of Events

Friday, August 18, 2006
Loews Coronado Bay Resort & Spa

11:00 am    Registration
12:00 pm – 5:00 pm  Class
5:00 pm – 7:00 pm   Cocktail Reception

Saturday, August 19, 2006
SRISD Facility, Spring Valley

9:00 am – 5:00 pm   Crash Testing
9:00 am – 5:00 pm  SRISD Auto Safety Program Event
(Between Crashes)  Child Passenger Safety Education
                  Robin Siminoff, NHTSA CPS Instructor

Sunday, August 20, 2006
Loews Coronado Bay Resort & Spa

9:00 am – 2:00 pm   Class

Earn Your Certificate in
Motor Vehicle Crash Forensic Risk Analysis

For CRASH attendees who own Modules 1 and 2 textbooks, SRISD will provide an additional examination. Upon successful completion of that examination, a certificate in Motor Vehicle Crash Forensic Risk Analysis will be awarded, along with graduate status on our complimentary listing.
Accommodations

The weekend’s class events will be held at the luxurious Loews Coronado Bay Resort and Spa, bordered by the San Diego Bay and Pacific Ocean!

Loews Coronado Bay Resort and Spa
4000 Coronado Bay Road
Coronado, CA 92118

Reserve Your Room
Call 619.424.4000

A limited number of rooms are available at an exclusive conference price of $209 per night. To receive this rate, you must register by July 18th, 2006. Specify our group name, “Spine Research Institute of San Diego.”

Recreation

At Loews Coronado
• Lounge by one of the hotel’s three pools
• Indulge yourself with a relaxing spa treatment at the Sea Spa
• Cruise in a private gondola through the Coronado Cays canals
• Take a stroll on Coronado beach, the Travel Channel’s 2006 pick for the best beach on the West Coast!
• Explore beautiful downtown Coronado

Around San Diego
• Surf, Kayak, Sail, Bike, Golf
• San Diego Zoo and Wild Animal Park
• Sea World
• Balboa Park and Museums
• Seaport Village
• 70 Miles of Beaches
Travel and Transportation

Air

Fly into San Diego International Airport (SAN) at Lindbergh Field.

Ground

The hotel is approximately 25 minutes from the San Diego Airport (SAN).

Rent a car or utilize one of these transportation options. Current fares from the airport to Loews are:

Cloud 9 Shuttle: $15.75/person

Taxi: $32.00 - $45.00

During the Conference

Transportation to and from Loews and the crash test site on Saturday will be provided by SRISD.

It’s no longer theoretical; participating in CRASH has made crash and occupant kinematics real to me. I see this as an invaluable tool that will allow me to do a better job for my patients, both clinically and legally.

Richard C. Lindwall, DC
Fontana, CA
2005 CRASH Graduate
Tuition and Registration

Regular $1800
Alumni $1400
Faculty/Student $ 900

Tuition Includes

• 3-day course
• Hands-on crash testing experience
• Course book
• Results (data) package
• Public relations kit
• Cocktail reception
• CRASH exam
• Complimentary website listing for graduates

To Register  Call 800.423.9860 or 619.660.8802
Email info@srisd.com

No prerequisites. Attendance is limited to 100 persons.

Payment Methods

Credit Card

Checks made payable to
SRISD, 2731 Via Orange Way, Ste. 105, Spring Valley, CA 91978

Registration Policy: No prerequisite for attendance. To be eligible for a certificate in Motor Vehicle Crash Forensic Risk Analysis, you must own current (2006) Modules 1 and 2 books and successfully pass an administered test. Passing graduates will be listed on our website. No continuing education credits will be applied for. No refunds. CRASH Rules: During all three days of CRASH, NO recording devices will be permitted, including cameras, video cameras, audio recorders, and cell phones with cameras. Professional photographers hired by SRISD will be on-site. All attendees must sign a “No Recording Agreement” and a “Non-Solicitation Agreement” at the time of registration. The Spine Research Institute of San Diego reserves the right to refuse service to anyone. No non-paying attendees will be admitted.