

D. Feliciano

WESTERN TRAUMA ASSOCIATION, INC.

14TH ANNUAL MEETING



February 25 - March 3, 1984

Steamboat Springs, Colorado



WESTERN TRAUMA ASSOCIATION, INC. 1983-1984

Officers

Earl G. Young, MD	President
Robert B. Rutherford, MD	President-Elect
Rudolph A. Klassen, MD	Vice-President
Robert J. Neviasser, MD	Secretary
Robert C. Edmondson, MD	Treasurer

Scientific Program

David V. Feliciano, MD

Board of Directors

Robert C. Edmondson, MD	Andrew K. Palmer, MD
David V. Feliciano, MD	George E. Pierce, MD
David A. Kappel, MD	Erick R. Ratzler, MD
E. Eugene Moore, MD	Robert B. Rutherford, MD
Robert J. Neviasser, MD	Earl G. Young, MD
William R. Olsen, MD	

Past Presidents

Robert G. Volz, MD	1971	Vail
Robert G. Volz, MD	1972	Vail
Peter V. Teal, MD	1973	Vail
William R. Hamsa, MD	1974	Aspen
Arthur M. McGuire, MD	1975	Sun Valley
Lynn Ketchum, MD	1976	Snowmass
Frederick C. Chang, MD	1977	Park City
Glen D. Nelson, MD	1978	Steamboat
Gerald D. Nelson, MD	1979	Snowmass
Kevin G. Ryan, MD	1980	Snowbird
David S. Bradford, MD	1981	Jackson Hole
Erick R. Ratzler, MD	1982	Vail
William R. Olsen, MD	1983	Jackson Hole

14 hrs  
Category I  
Bcm



**SCHEDULE OVERVIEW**

<u>SATURDAY</u>	<u>SUNDAY</u>	<u>MONDAY</u>	<u>TUESDAY</u>
Feb. 25	Feb. 26	Feb. 27	Feb. 28
A R R I V A L		6:30-6:55 am Breakfast	6:30-7:00 am Breakfast
		6:55-7:00 am Welcome from Earl Young	
		7:00-9:00 am Scientific Session	7:00-9:00 am Scientific Session
			11:00-12:00 Noon <u>NASTAR RACE</u>
			12:00 Noon-1:00 pm <u>Buffet Luncheon at Sheraton</u>
	4:00-7:00 pm Registration at Sheraton Steam- boat	4:00-5:00 pm Scientific Session	4:00-5:00 pm Scientific Session
	5:00-7:00 pm Wine & cheese Reception. <u>In- cludes Presenta- tion by Steamboat Ski Patrol.</u>	5:00-5:30 pm <u>Special Speaker:</u> James S. Logan, MD, NASA. "A Short History of Space Medicine". <u>FAMILIES INVITED.</u>	5:00-6:00 pm Board of Directors

**SCHEDULE OVERVIEW**

<u>WEDNESDAY</u>	<u>THURSDAY</u>	<u>FRIDAY</u>	<u>SATURDAY</u>
Feb. 29	March 1	March 2	March 3
6:30-7:00 am Breakfast	6:30-7:00 am Breakfast	6:30-7:00 am Breakfast	D
7:00-9:00 am Scientific Session	7:00-9:00 am Scientific Session	7:00-9:00 am Scientific Session	E P A R T U R E
4:00-4:30 pm Scientific Session	4:00-5:00 pm Scientific Session	4:00-5:30 pm Scientific Session	
4:30-5:15 pm <u>Special Speaker:</u> James S. Logan, MD, NASA. "Medical Operations in a Space Station Era". <u>FAMILIES INVITED</u>	5:00-6:00 pm <u>Case Presentations by Steamboat Ski Patrol</u>		
5:30-6:30 pm Business Meeting			

~~7:30~~ pm. Banquet

930 Cyprian

730

10 Pack







**SCIENTIFIC PROGRAM**

February 29, 1984

Wednesday Morning

Moderator: Robert B. Rutherford, MD

7:00 am Case Presentation: Diaphragmatic Injury Secondary to Blunt Trauma.  
Erick R. Ratzer, MD  
Denver, Colorado

Traumatic Rupture of the Diaphragm  
Barry C. Esrig, MD  
Monterey Park, California

7:15 am Traumatic Rupture of Choledochal Cysts: Case Report and Review  
Brian C. McCroskey, MD, George E. Pierce, MD, Steven E. Ross, MD  
Kansas City, Kansas

ANN 192:635, 1975  
193:666

7:30 am Changing Trends in the Management of Combined Pancreatoduodenal Injuries  
John B. Moore, MD, E. Eugene Moore, MD  
Wheat Ridge and Denver, Colorado

7:45 am Hemostasis with a New Infrared Coagulator (ISC81) for Liver and Spleen Injuries  
E. Faist, MD, C.C. Baker, MD, K.L. Lauterjung, MD, D. Cameron, MD, A.E. Baue, MD  
New Haven, Connecticut

Wednesday Afternoon

Moderator: William R. Olsen, MD

4:00 pm Horse Wrecks in Jackson, Wyoming  
Gerald B. Demarest, MD  
Albuquerque, New Mexico

4:15 pm Kilimanjaro Climb -- Adventure Travel Log  
David E. Street, MD  
Wichita, Kansas

4:30 pm SPECIAL SPEAKER: James S. Logan, MS, MD  
Houston, Texas

"Medical Operations in a Space Station Era"  
Families Invited

5:30 pm Business Meeting

Banquet 7:30 Tomorrow

Equiv Scav → DSA → Emboli (stop)  
→ No emboli (Pulm Angio)

Surv  
Dialysis less  
Complex

**SCIENTIFIC PROGRAM**

March 1, 1984

Thursday Morning

Moderator: E. Eugene Moore, MD

7:00 am Massive Transfusion in Trauma and Emergency Surgery--The Detroit Receiving Hospital Experience  
Thomas F. Phillips, Robert F. Wilson, MD  
Brooklyn, New York, and Detroit, Mich.

7:15 am { Perf. defect & X-ray abn = PG }  
Pulmonary Embolism--Imaging Techniques  
Charles E. Seibert, MD  
Englewood, Colorado

7:30 am Alcohol, Seat Belts, and Major Trauma  
James B. Benjamin, MD, Robert G. Volz, MD  
Tucson, Arizona

7:45 am { Triage Audit Purpose of Injury Score Common language }  
Trauma Score as a Triage Tool in the Prehospital Care Setting  
John A. Morris, Jr, MD, Frank R. Lewis, MD, Donald Trunkey, MD, George F. Sheldon, MD  
San Francisco, California

8:00 am 80% have TS > 14  
90-95% deaths occur > 75-114  
- 25% TS  
10% of Field TS have ISS > 20. TS is weak in major thoracic inj.  
Validity of the Trauma Score and Injury Severity Score in Penetrating Trauma  
C. Thomas Black, MD, Kenneth L. Mattox, MD  
Houston, Texas

Thursday Afternoon

Moderator: George E. Pierce, MD

4:00 pm Blow out  
Orbital Triangular Midface (latorte)  
Zygomatic Mandible  
Radiological Evaluation of Facial Fractures  
Kevin G. Ryan, MD  
Woodland, California

4:15 pm Abortion: The Emotional Trauma of the 70's  
Hal R. Bass, MD  
Los Gatos, California

4:30 pm Modern Treatment of Post-Traumatic Acute Renal Failure--An Assessment  
Hiroshi Yamauchi, MD  
Woodland, California

5:00 pm CASE PRESENTATIONS: Steamboat Ski Patrol

- TS valid except in small %
- ↑ TS from Field to EC is good sign
- ↓ TS " " " " is bad sign
- ISS not valid for Penetrating

Rx<sup>IN</sup>  
PAT

J Trauma 15:1056, 1975  
Schnee -  
Hosp Prac 16:  
1981  
Oliguric vs Non  
Clin Nephrol 15:90, 80



SCIENTIFIC PROGRAM

March 2, 1984

Friday Morning

9/1/2

Moderator:

Andrew K. Palmer, MD

7:00 am

A 10-Year Review of Testicular Torsion  
Bruce Broecker, MD, Kent Rollins, MD  
Richmond, Virginia

7:15 am

Traumatic Pubic Symphysis Diastasis  
Thomas H. Comfort, MD  
St. Paul, Minnesota

7:30 am

Luque Segmental Spinal Instrumentation in Non-  
Scoliotic Conditions--A Biochemical and Clinical  
Analysis  
Hansen A. Yuan, MD, Paul C. McAfee, MD,  
F.W. Werner, MM Eng., Richard R. Glisson, MD,  
Bruce E. Fredrickson, MD  
Syracuse, New York

7:45 am

Thoracic/Lumbar Spine Fractures with Incomplete  
Neurological Deficit--A Correlative Study in the  
Adequacy of Decompression vs. Neurologic Return  
David S. Bradford, MD, Grady McBride, MD  
Wayzata, Minnesota

8:15 am

~~Synovial Plica of the Knee~~  
~~John Winter, II, MD~~  
Cheyenne, Wyoming

Friday Afternoon

Moderator:

Robert C. Edmondson, MD

4:00 pm

Use of Balloon Catheter Tamponade in Vascular Wounds  
David V. Feliciano, MD  
Houston, Texas

Fred Moore  
"Spleen"

4:15 pm

Selective Management of Penetrating Neck Injuries  
-- A Prospective Study  
James A. Narrod, MD, E. Eugene Moore, MD  
Denver, Colorado

4:30 pm

Inventing the Future  
Glen D. Nelson, MD  
Minneapolis, Minnesota

4:45 pm

Civilian Propeller Injuries -- 1970-1982  
David H. Bahnsen, MD  
Pittsburgh, Pennsylvania

WESTERN TRAUMA ASSOCIATION  
1983 - 1984

MEMBERSHIP LISTING

NAME	ADDRESS	PHONE	SPECIALTY
ANDERSON, ROBERT C. (DeEtte)	604 Kingsview Lane North Minneapolis, MN 55441	O: 612/347-2810 H: 612/473-6505	General Surgery Renal Transplant
APPLE, DAVID F., JR. (Jane)	2636 Dellwood Dr. N.W. Atlanta, GA 30309	O: 404/352-2234 H: 404/351-1627	Orthopedic Surgery
BAHNSON, DAVID H. (Peggy)	128 North Craig Street Pittsburgh, PA 15213	O: 412/621-6668 H: 412/621-5887	Orthopedic Surgery
BASS, HAL (Marge)	136 Teresita Way Los Gatos, CA. 95030	O: 408/356-8002 H: 408/827-7352	OB-GYN
BEHRENS, FRED (Valerie)	640 Jackson Street St. Paul, MN 55101	O: 612/221-8002 H: 612/827-7352	Orthopedic Surgery
BRADFORD, DAVID S. (Helen)	3750 Northome Road Wayzata, MN 55391	O: 612/373-8452 H: 612/475-1579	Orthopedic Surgery
BROECKER, BRUCE H.	Box 118, MCV Station Richmond, VA 23298	O: 804/786-9331 H: 804/744-2584	Urology
BUCKNUM, FRANK M. (JoAnne)	6490 Excelsior Blvd. Minneapolis, MN 55426	O: 612/920-0844 H: 612/559-3222	Anesthesia
CANTOR, FREDRIC K. (Jan)	7204 Marbury Road Bethesda, MD 20034	O: 301/953-1662 H: 301/229-0223	Neurology
CARTER, DONALD R.	7180 East Orchard Road Englewood, CO 80111	O: 303/740-7760 H: 303/694-6463	Otolaryngology Head & Neck Surgery
CARVETH, STEPHEN W. (Kay)	Route 9 Lincoln, NE 68506	O: 402/489-6553 H: 402/423-1768	Cardiovasc. and Thoracic Surgery
CHANG, FREDERIC C. (Jan)	14809 Willowbend Circle Wichita, KS 67230	O: 316/268-0296 H: 316/753-0627	General Surgery
CLETCHER, JOHN O. (Jacquelyn)	7421 Nelson Road Longmont, CO 80501	O: 303/772-5300 H: 303/776-1583	Orthopedic Surgery
COMFORT, THOMAS H. (Mary Sue)	640 Jackson Street St. Paul, MN 55101	O: 612/221-8600 H: 612/426-4067	Orthopedic Surgery
DAVIS, MICHAEL W. (Sandra)	405 Meadowbrook Med. Bldg. 6490 Excelsior Blvd. Minneapolis, MN 55426	O: 612/926-6588 H: 612/823-7645	Orthopedic Surgery

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41



WESTERN TRAUMA ASSOCIATION  
MEMBERSHIP LIST  
PAGE -2-

NAME	ADDRESS	PHONE	SPECIALTY
EDMONDSON, ROBERT C. (Ann)	1207 Fairchild Court Woodland, CA 95695	O: 916/666-1631 H: 916/662-7856	Internal Medicine Medical Oncology
EDNEY, JAMES A. (Patricia)	Univ. of Nebraska Med. Ctr. 42nd & Dewey Streets Omaha, NE 68105	O: 402/559-4075 H: 402/592-4335	General Surgery
ERLANDSON, ERROL E. (Maureen)	5305 E. Huron River Drive Ypsilanti, MI 48192	O: 313/763-0287 H: 313/665-7303	General Surgery
ESRIG, BARRY C.	500 N. Garfield Avenue Monterey Park, CA 91754	O: 213/572-0212 H: 213/355-1883	Thoracic Surgery
FELICIANO, DAVID V. (Barbara)	One Baylor Plaza Houston, TX 77030	O: 713/791-7170 H: 713/665-2407	General and Trauma Surgery
FERRIS, BRUCE G. (Joan)	825 North Emporia Wichita, KS 67214	O: 316/262-3495 H: 316/733-1241	Plastic Surgery
GEMMA, FRANK E. (Leslie)	USA MEDAC Darnall Army Hosp. Fort Hood, TX 76544	O: 817/532-8050 H: 817/526-4867	General Surgery
GOOD, JAMES T., Jr. (Jan)	2658 South Dexter Denver, CO 80204	O: 303/893-6213 H: 303/756-6398	Internal Medicine Pulmonary Medicine
GRIFFIN, WILLIAM T. (Sheila)	600 North Cotner Blvd. Lincoln, NE 68505	O: 402/467-2395 H: 402/488-9517	General Surgery
HAMSA, WILLIAM R., Jr. (Diane)	609 Doctors Building 44th & Farnam Streets Omaha, NE 68131	O: 402/556-4220 H: 402/558-8351	Orthopedic Surgery
HIRAGA, MIKIO H. (Phillis)	780 Peninsula Court Ann Arbor, MI 48105	O: 313/434-6111 H: 313/994-0338	Anesthesia
JOSEPH, JON W. (Irene)	6490 Excelsior Blvd. E104 Minneapolis, MN 55427	O: 612/920-0844 H: 612/925-4117	Anesthesia
JUSTIS, E. JEFF, Jr. (Sally)	6025 Walnut Grove Memphis, TN 38119	O: 901/525-2531 H: 901/767-1697	Orthopedic Surgery
KAPPEL, DAVID A. (Charl)	1300 Chapline Street Wheeling, WV 26003	O: 304-233-0590 H: 304/277-3018	Plastic Surgery
KETCHUM, LYNN (Barbara)	10550 Quivira Rd. Suite 310 Overland Park, KS 66215	O: 913/492-3737 H: 913/631-2359	Plastic Surgery

WESTERN TRAUMA ASSOCIATION  
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PAGE -3-

NAME	ADDRESS	PHONE	SPECIALTY
KLASSEN, RUDOLPH A. (Frieda)	5730 Heather Drive S.W. Rochester, MN 55901	O: 507/284-3662 H: 507/288-4879	Orthopedic Surgery
LINDSCHEID, RONALD L. (Carol)	200 First Street S.W. Rochester, MN 55901	O: 507/282-2511 H: 507/282-5598	Orthopedic Surgery
LOUIS, DEAN S.	2907 Round Tree Blvd. Ypsilanti, MI 48197	O: 313/764-0221 H: 313/434-7647	Orthopedic Surgery (Hand)
LOWE, THOMAS G. (Sally Ann)	8370 W. 38th Avenue Denver, CO 80033	O: 303/422-1388 H: 303/237-5203	Orthopedic Surgery
LUKAWSKI, Edward M.	5770 North Callisch Fresno, CA 93710	O: 209/442-3999 ext. 3131 H: 209/435-7007	Emergency Medicine
MacCOLLUM, (Biff) M.S. (Fran)	126 E. Desert Park Lane Phoenix, AZ 85004	O: 602/234-0540 H: 602/944-3873	Orthopedic and Plastic Surgery
MATTOX, KENNETH L. (June)	One Baylor Plaza Houston, Texas 77030	O: 713/799-4557 H: 713/668-0776	General and Thoracic Surgery
McGUIRE, ARTHUR M., LTC Mc (Peggy)	3110 Hermitage Road Pebble Beach, CA 93953	O: 408/242-3206 H: 408/646-0762	General Surgery
McKINLEY, C. RICHARD (Susan)	4728 W. Lake Harriet Blvd. Minneapolis, MN 55410	O: 612/920-7660 H: 612/920-6664	Urology
MILLER, HARRY C. (Kari)	9507 Neuse Way Great Falls, VA 22066	O: 202/676-4000 H: 703/759-2402	Urology
MOORE, E. EUGENE, Jr. (Sarah)	Department of Surgery Denver General Hospital	O: 303/893-7045 H: 303/831-4102	General and Trauma Surgery
MOORE, JOHN B. (Debbie)	6175 West 38th Avenue Wheatridge, CO 80033	O: 303/424-4022 H: 303/233-2676	General Surgery
NELSON, GERALD D. (Doris)	825 North Emporia Street Wichita, KS 67214	O: 316/262-3495 H: 316/684-1524	Plastic Surgery
NELSON, GLEN D. (Marilyn)	St. Louis Park Med. Ctr. 5000 West 39th Street Minneapolis, MN 55416	O: 612/927-3183 H: 612/473-0333	General Surgery
NEVIASER, ROBERT J. (Anne)	2150 Pennsylvania Ave. N.W. Washington, DC 20037	O: 202/676-4386 H: 301/869-1919	Orthopedic Surgery (Hand)



WESTERN TRAUMA ASSOCIATION  
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PAGE -4-

NAME	ADDRESS	PHONE	SPECIALTY
NORTON, LAWRENCE W. (Ann)	Dept. of Surgery Univ. Arizona H.S.C. Tucson, AZ 85724	O: 602/626-7747 H: 602/299-3337	General Surgery
OLSEN, WILLIAM R. (Joan)	540 Barton Shore Drive Ann Arbor, MI 48105	O: 313/434-4200 H: 313/994-0382	General & Vascular Surgery
OSBORNE, ROBERT W. Jr. (Martha)	419 South L Street Tacoma, WA 98405	O: 206/383-3325 H: 206/582-2684	General Surgery
PALMER, ANDREW K. (Nicki)	750 East Adams Street Syracuse, NY	O: 315/473-4472 H: 315/446-1128	Orthopedic Surgery
PHILLIPS, THOMAS F. (Bonnie)	450 Clarkson Avenue Brooklyn, NY 11203	O: 313/494-3485 H: 313/886-9372	General Surgery
PIERCE, GEORGE E. (Carolyn)	Univ. Kansas Med. Ctr. 39th & Rainbow Blvd. Kansas City, KS 66103	O: 913/588-6128 H: 913/268-5631	General Surgery
POLACK, EDWARD P. (Wendy)	74 - 14th Street Wheeling, WV 26003	O: 304/233-0590 H: 304/233-6132	Plastic Surgery
RATCLIFFE, JOHN W. (Joanne)	King Faisal Specialist Hosp. PO Box 3354 Riyadh, Saudi Arabia 11211	O: Riyadh 464-7272 ext. 8110	General Surgery
RATZER, ERICK R. (Jeanne)	1825 Gilpin Street Denver, CO 80218	O: 303/399-1194 H: 303/781-2002	General and Oncologic Surgery
ROSS, STEVEN E. (Carolyn)	2524 W. 51st Terrace Westwood, KS 66205	O: 913/588-6150 H: 913/677-1254	General Surgery
RUTHERFORD, ROBERT B. (Kay)	Box C-312, 400 E.9th Ave. Denver, CO 80262	O: 303/394-8552 H: 303/779-0571	Vascular Surgery
RYAN, KEVIN G. (Sue)	1207 Fairchild Court Woodland, CA 95695	O: 916/666-1631 H: 916/662-1142	Radiology
SCANLAN, PATRICK J. (Char)	6490 Excelsior Blvd. E104 Minneapolis, MN 55426	O: 612/920-0844 H: 612/938-3245	Anesthesia
SEIBERT, CHARLES E. (Mary)	1 Cimarron Drive Littleton, CO 80121	O: 303/761-9190 H: 303/781-7760	Radiology

WESTERN TRAUMA ASSOCIATION  
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PAGE -5-

NAME	ADDRESS	PHONE	SPECIALTY
SEYMOUR, JOHN (Joan)	825 E. 8th St, Suite 1106 Minneapolis, MN 55404	O: 612/336-1653 H: 612/245-2458	Neurosurgery
SLOAN, DAVID F. (Anne)	2520 - 17th St. West Billings, MT 59102	O: 406/245-2458 H: 406/656-7886	Plastic Surgery General Surgery
SMITH, DONALD R. (Sue)	2751 Virginia Avenue Shreveport, LA 71103	O: 318/222-8203 H: 318/631-1660	Neurosurgery
STOLTENBERG, JOHN J. (Jennifer)	5830 Oakview Lane Plymouth, MN 55442	O: 612/786-1950 H: 612/559-1443	General Surgery
STREET, DAVID E. (Karen)	818 N. Emporia, Suite 200 Wichita, KS 67214	O: 316/263-0296 H: 316/682-2012	General Surgery
TANGOREN, GULEN F. (Ali)	6456 Windermere Circle Rockville, MD 20852	O: 301/657-3310 H: 301/530-0965	Anesthesia
TANES, ROY L. Jr. (Joyce)	117 North San Mateo Drive San Mateo, CA 94401	O: 415/342-4113 H: 415/347-4319	Vascular Surgery
TEAL, PETER V. (Margaret)	1230 North 30th Street Billings, MT 59101	O: 406/245-3149 H: 406/252-5431	Orthopedic Surgery
TELANDER, ROBERT (Margaret)	200 First Street S.W. Rochester, MN 55901	O: 507/284-2644 H: 507/282-2749	Pediatric Surgery
VOLZ, ROBERT G. (Anne)	Arizona Medical Center 1501 North Campbell Tucson, Arizona 85724	O: 602/626-6110 H: 602/299-3634	Orthopedic Surgery
WALDRON, JOHN F. (Helen)	6230 Braeburn Circle Edina, MN 55435	O: 612/871-4551 H: 612/941-3796	Pediatric Surgery
WATTS, CHARLES M. (Ruth)	192 Riverview Court Ann Arbor, MI 48104	O: 313/434-6444 H: 313/995-0359	Internal Medicine
WINTER, JOHN, II (Pam)	6020 Yellowstone Road Cheyenne, WY 82009	O: 307/634-0871 H: 307/634-9734	Orthopedic
WRAY, R. CHRIS (Rockye)	4949 Barnes Hosp. Plaza Dr. St. Louis, MO 63110	O: 314/454-3455 H: 314/863-6161	Plastic Surgery
YAMAUCHI, HIROSHI (Anna)	1207 Fairchild Court Woodland, CA 95695	O: 916/666-1631 H: 916/662-0730	Internal Medicine and Nephrology
YOUNG, EARL G.	St. Louis Park Med. Ctr. 5000 W. 39th Street Minneapolis, MN 55416	O: 612/927-3182 H: 612/927-7890	General Surgery



38 members sub

22 mem

15 rejected  
hastiness

12 Res  
9 Guests

43 presentations including 2 by Logan

Plans for Future:

- ① Upgrade abstract forms; send out  $\bar{c}$  Program Announcements
- ② keep tight cutoff date
- ③ Publications Committee to decide on abstracts
- ④ ? of ~~Revised~~ Printing abstracts as part of program

Blow out

See Fx

Spec. sinus

Orbital Emphysema