



June 1991

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Fred Hoover, Chairman Emeritus of Convention Committee

Seventeen years ago, when Fred Hoover, as Chairman of the Convention Committee, coordinated his first NATA Annual Meeting and Clinical Symposium, registrants numbered less than 300, and registration forms were organized in shoe boxes. At the 1991 Annual Meeting and Clinical Symposium, registration will exceed 6,000.

At Hoover's urging, NATA now provides professional management for the meeting. The task of successfully organ-

izing all of the components of a meeting this size has exceeded the limits of the efforts of the Convention Committee and its many volunteer supporters. Over the years, Hoover and his hardworking committee members have devoted countless hours to bringing educational and entertaining annual meetings to NATA members.

For his years of dedication and successful effort, the Board of Directors of NATA honors Fred Hoover with the title Chairman Emeritus of the Convention Committee.

Hoover says, "We began by hand writing registration forms and receipts. This went on until five or six years ago when George Budig of George E. Fern Co. began assisting us with computer registration. George also helped us begin on-site registration with the assistance of local convention bureaus."

George E. Fern Co. also has handled the meeting exhibits for 17 years, and continues to provide drayage service for the 1991 meeting.

Stressing the importance of the many people who helped him, Hoover says, "The Convention Committee members and excellent local committees



have been the backbone of every meeting. They do the leg work, get the speakers, and set up the banquets and other functions. I can't say enough about them, a lot of credit should go to these committee members. They've been great!"

He also commends the exhibitors for their support over the years. "Many times they have said that it is very worthwhile to come to the athletic training meetings because the buying power is there and the attendance at the exhibits is very high."

Hoover, who has promoted the move of the convention duties to the national office, is very pleased with this year's planning. "The national office has done a super job with the convention materials and membership notification cards. They have the resources needed to grow and expand to meet the demands of the increasing numbers of athletic trainers."

Hoover states, "I've been involved with it because I've loved it." He says that he will be happy to do anything he can to assist the committee and the professional managers of the meeting, but that he now sees his role "as a delegate—coming to the convention to enjoy!"

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A Preview of the 1991 Annual Meeting and Clinical Symposium

The 1991 NATA Annual Meeting and Clinical Symposium promises to offer something for everyone. Athletic trainers will recognize some familiar events, teamed with new activities and some surprises. A few changes have been made in the standard itinerary, some of which are mentioned here. We look forward to seeing you in New Orleans June 8 through 12, 1991!

PBATS Seminar: The Dangers of Smokeless Tobacco in Athletics

This seminar will address the dangers that the use of smokeless tobacco poses to athletes. Ned B. Bergert, ATC, head athletic trainer for the California Angels, and John C. Greene, DMD, Dean of the University of California School of Dentistry, will conduct this seminar. Bergert and Greene both have published extensively on the effects of smokeless tobacco use.

AOSSM Seminar: Shoulder Injuries in Athletics

Scheduled for June 9, this course features three hours of presentations by leading sports physicians, researchers, and athletic trainers. The AOSSM Athletic Trainer of the Year Award will be presented during the seminar.

Gatorade Welcome Party

*Don't Miss the
Gatorade Welcome Party
on Saturday, June 8,
at 7:30 p.m.
in the Convention
Center Hall D!
See you there!*

Special Events

June 8

5th Annual NATA Golf Tournament
1st Annual NATA Tennis Tournament

June 9

NATA 5K Fun Run

June 9 to 11

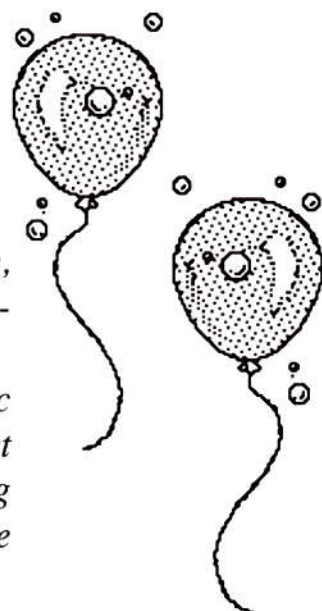
Spouse Aerobics & Lectures
Health South Corporation

June 8 to 12, 1991 New Orleans, Louisiana

Exhibit Hall to Open with a Bang!

Don't miss the grand opening of the exhibit hall! A surprise, internationally known personality will kick off the event immediately following the McNeil Symposium.

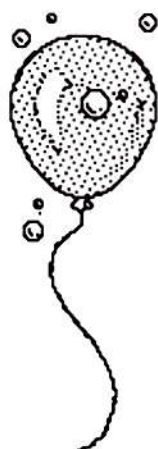
The exhibit hall will contain the latest in state-of-the-art athletic training/sports medicine equipment, supplies, and services. Meet one-on-one with representatives from leading athletic training equipment manufacturers and suppliers, and take advantage of the opportunity to compare products and services.



NACDA Seminar:

Personal Productive Principles

This day-long course is scheduled for June 8, 1991, and covers a variety of topics including planning and prioritizing skills, setting personal and professional goals, controlling interruptions, and managing an office.



Student Athletic Trainer Banquet

This annual event is open to all student members and invited guests. It is an opportunity to honor exceptional achievement in athletic training education and to recognize those who have been awarded education scholarships by NATA and affiliated organizations.

DONJOY "Tape-Off"

DONJOY, Inc. is sponsoring a "taping contest" in their exhibit area during the 1991 Annual Meeting and Clinical Symposium.



Cash prizes will be awarded to the four "tape-off" finalists. Registration will be limited and on a first-come basis.

McNeil Sponsors Stress Management Seminar

McNeil Consumer Products Co., Inc., maker of Tylenol®, is sponsoring a new segment of the clinical session at NATA's 42nd Annual Meeting and Clinical Symposium. The McNeil Symposium features Herbert Benson, MD, a leading authority on the latest techniques and philosophies of stress management using relaxation.

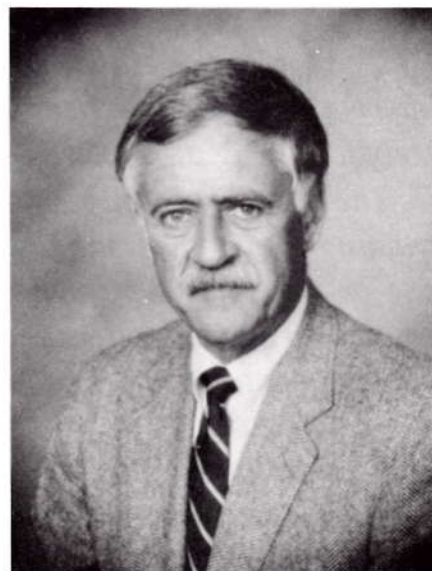
Robert Maiolo, Group Product Director at McNeil Consumer Products Co., stated that the program represents McNeil's commitment to health, safety, and the prevention of injuries. "We've had a good relationship with NATA for the last several years," said Maiolo. "We

look forward to working with NATA and health care professionals for the prevention of injuries and for a better lifestyle."

Benson is the author of the best sellers *The Relaxation Response*, *Beyond the Relaxation Response*, and *Your Maximum Mind*. He is a graduate of Harvard Medical School and has authored numerous scientific articles and reports. He serves on a variety of medical and health boards. His primary research interests are the physiology and clinical usefulness of relaxation and meditation techniques and mind-body interactions.

The McNeil Symposium is scheduled for Sunday, June 9, 1991.

James Garrick, MD: Keynote Speaker



Archie Manning to Host Awards Luncheon

New to this year's Annual Meeting and Clinical Symposium is the Awards Luncheon. The switch from an evening banquet to an afternoon luncheon was made in response to NATA members' request for a more convenient time frame and format.

The luncheon, which will be held at 12:00 noon on June 10, 1991, in Convention Center Hall D, will feature the presentation of NATA Honors and Awards and the announcement of the 1991 NATA Hall of Fame winners.

The Master of Ceremonies for the Awards Luncheon is Archie Manning, who has been known for the past 20 years as the "Saint" of New Orleans. A native of Drew, Mississippi, Manning was an All-American quarterback at the University of Mississippi. In 1971, he was the second player picked in

the NFL Draft; he was selected by the New Orleans Saints. He also was drafted four times by major league baseball teams. During his 14-year NFL career, he set most of the Saints' passing records, played in two Pro Bowls, and was the League's most valuable player in 1978. The only player in the history of the Saints franchise to be inducted into the "Wall of Fame" in the Louisiana Superdome, Manning also was recently inducted into the National Football Foundation College Hall of Fame. Currently a consultant to USF&G Company, Manning is a professional football analyst for WWL Radio and TV.



The "Saint" of New Orleans

A special keynote presentation by James Garrick, MD, will precede the 1991 NATA Annual Business Meeting in New Orleans on June 10, 1991.

Garrick, an orthopedic surgeon, is Director of the Center for Sports Medicine at St. Francis Memorial Hospital in San Francisco, California. A graduate of the University of Michigan, Garrick received his orthopedic surgery training at the Mayo Clinic. From 1969 to 1978, he coordinated the first university/medical school-based sports medicine program in the U.S.

Garrick has authored four books, including *Skiing: Training and Conditioning*, *Peak Condition*, *Be Your Own Personal Trainer*, and *Sports Injuries: Diagnosis and Management*. He is a frequent contributor to the *San Francisco Chronicle*, and is on the editorial boards of several publications that are related to sports medicine, including the *American Journal of Sports Medicine* and *The Physician and Sportsmedicine*.

Board of Certification Announces the Appointment of New Members

by Paul Grace, ATC



Paul Grace, BOC Chairman

In accordance with the bylaws of the Board of Certification (BOC) of the NATA, the Athletic Trainer Directors to the BOC are initially elected

to office by certified athletic trainers from their districts. This spring marked the first time that this process was used.

Chad Starkey, PhD, ATC, was elected as the Athletic Trainer Director to the BOC from District One. Starkey is currently the Athletic Training Curriculum Director at Northeastern University in Boston, MA. He is replacing Maria Hutsick, ATC, whose second term on the BOC expires June 1991.

Dan Libera, ATC, was elected to serve another term as the representative from District 7. Libera is currently a faculty member and Head Athletic Trainer at the University of Northern Colorado.

The BOC has appointed Cliff McCraft of Seattle, WA, to the Board as its consumer member. McCraft, in addition to being recognized as one of this country's outstanding collegiate soccer coaches, has served as a board member for numerous state and national associations.

The BOC has also appointed Letha Y. Hunter-Griffin, MD, of Atlanta, Georgia, as a physician member. She is replacing Joseph O'Conner, MD, of West Orange, NJ, whose term expires June 1991. Hunter-Griffin joins John Miller, MD, of Bloomington, IN, as the BOC's physician director members.

AMA's Physical Education Bill Gaining Approval

The NATA Board of Directors recently announced their support of the American Medical Association's (AMA) House of Delegates' recommendation that physical education (PE) courses be required in U.S. school systems. The Board subsequently notified the President's Council on Physical Fitness of NATA's approval of this recommendation.

The AMA bill, which was introduced by the Oklahoma delegation, is entitled "Healthy Living Behaviors." It is based on the premise that physical fitness improves self-esteem, which in turn promotes more responsible healthy living behaviors, and reduces risk-taking activities that may lead to drug and alcohol abuse, disease susceptibility, unintended injuries, violence, and suicide.

The legislation refers to a number of statistics that stress the importance of reintroducing mandatory health awareness and PE courses into school curricula. The following statistics were included:

- Currently, forty-nine states do not re-

quire PE courses in schools.

- Two-thirds of U.S. adolescents ages 10 to 17 do not participate in school PE programs.
- More than half of U.S. 8th, 9th, and 10th graders have tried cigarettes.
- 80% of teens have tried alcohol.
- 64% of students have tried an illegal drug before finishing high school.
- 56% of adolescents do not wear seat belts; 39% ride in cars with a driver who has been drinking.
- One out of seven adolescents reports having attempted suicide.
- The rate of births by unwed teens has quadrupled since 1960.

This recommendation to require PE courses is part of the AMA's long-term goal to integrate adolescent health activities into its public health mission. The AMA encourages all state medical associations to become involved in the promotion of healthy living behaviors for children and youth through quality physical and wellness activities.

Mr. Smith Goes to Washington

An NATA representative in the White House? Well, sort of. Alan A. Smith, Jr., NATA Executive Director, participated in "The Great American Workout," held May 1, 1991, at the White House.

The event kicked off National Physical Fitness and Sports Month. The participants were welcomed by President and Mrs. George Bush, and Arnold Schwarzenegger, Chairman of the President's Council on Physical Fitness and Sports. A number of celebrities and representatives from sports-related fields attended, including Dana Carvey, Tony Danza, Frank and Kathie Lee Gifford, Bruce Jenner, Billy Kidd, Olga Korbut, Dolph Lundgren, Edwin Moses, Mary Lou Retton, Pat Riley, Pam Shriver, and Lee Trevino. Musical entertainment was provided by Tony Orlando and the Star Search winners, Four Boys & A Babe.

Licensure/Certification Requirements

State	Lic/Cer	Pending?	Being Prepared?
Alaska	NO	NO	NO
Alabama	NO	NO	YES
Arkansas	NO	NO	YES
Arizona	YES	N/A	N/A
California	NO	NO	YES
Colorado	NO	YES	N/A
Connecticut	YES	N/A	N/A
Delaware	YES	N/A	N/A
Florida	NO	NO	NO
Georgia	YES	N/A	N/A
Hawaii	NO	NO	NO
Idaho	YES	N/A	N/A
Illinois	YES	N/A	NO
Indiana	NO	NO	NO
Iowa	NO	NO	NO
Kansas	NO	YES	N/A
Kentucky	YES	N/A	N/A
Louisiana	YES	N/A	N/A
Maine	NO	NO	YES
Maryland	NO	NO	YES
Massachusetts	YES	N/A	N/A
Michigan	NO	NO	YES
Minnesota	NO	YES	N/A
Mississippi	YES	N/A	N/A
Missouri	YES	N/A	N/A
Montana	NO	NO	NO
Nebraska	YES	N/A	N/A
Nevada	NO	NO	NO
New Hampshire	NO	YES	N/A
New Jersey	YES	N/A	N/A
New Mexico	YES	N/A	N/A
New York	NO	YES	N/A
North Carolina	NO	NO	NO
North Dakota	YES	N/A	N/A
Ohio	YES	N/A	N/A
Oklahoma	YES	N/A	N/A
Oregon	NO	YES	N/A
Pennsylvania	YES	N/A	N/A
Rhode Island	YES	N/A	N/A
South Carolina	YES	N/A	N/A
South Dakota	YES	N/A	N/A
Tennessee	YES	N/A	N/A
Texas	YES	N/A	N/A
Utah	NO	NO	NO
Vermont	NO	YES	N/A
Virginia	NO	NO	YES
Washington	NO	NO	YES
Washington, DC	NO	YES	N/A
West Virginia	YES	N/A	N/A
Wisconsin	NO	NO	NO
Wyoming	NO	NO	NO

Survey Conducted on State Licensure and Certification Requirements

NATA has received a number of inquiries in response to the Governmental Affairs article in the December 1990 issue of the *NATA News*. The article, written by Daniel L. Campbell, PT, ATC, discussed various states' licensure and/or certification requirements for athletic trainers. Because of an overwhelming interest in this subject, *NATA News* surveyed the athletic training associations in each state and in Washington, DC, regarding the details of their licensure and/or certification requirements for athletic training.

The survey included the following questions: 1) Does your state have a licensure and/or certification requirement for athletic training? If yes, please describe the requirement; and 2) If not, has your organization applied for it? If yes, what is the status of the application?

A response rate of 100% was achieved. Findings show that 53% of the states do not have a licensure and/or certification requirement for athletic training; 47% do have a requirement. Of those states that do not have licensure and/or certification requirements, 41% have legislation pending; 33% are not pursuing any type of state certification and/

or licensure; and 26% are in the process of preparing materials to submit to their legislature.

For the states that currently have licensure and/or certification requirements for athletic training, legislation varies somewhat, but has many common characteristics. Most of the bills state the qualifications and educational requirements needed to practice athletic training and define the specific powers and duties of athletic trainers. An advisory council is established to help regulate the profession. Registration procedures, including different forms and fees, are determined. Requirements for hours of service and continuing education are addressed. Many states require NATA certification or accept NATA certification in lieu of a state examination.

The chart summarizes the survey results. The second column indicates whether the state has specific, regulated licensure and/or certification requirements for athletic training. If a state does not have requirements for athletic trainers, the third column states if legislation is pending for such a requirement. The fourth column states if the shows intends to submit proposed legislation to its state legislature.

Governmental Affairs Committee Update

by Dan Campbell, ATC

Several states have made significant strides in the regulation of athletic trainers in the last month. Mississippi, Colorado, Georgia, and Kentucky have either secured legislative approval or amended the practice of athletic training. Mississippi now will license athletic trainers by an act that becomes effective on July 1, 1991. While the rules and regulations

that cover the mechanics of implementing the act have yet to be completed, athletic trainers in Mississippi should become familiar with the act. As in all other states with professional regulatory laws, the current practice of athletic training will be changed. This particular act offers recognition of the clinical athletic trainer and sets parameters of practice based on the type of "athlete" who is served.

Colorado has an exemption bill that has passed both chambers of the legislature and is awaiting signature by the governor. This bill provides an exemption to the medical practice act if athletic trainers confine their practice to the "domains of athletic training" as published by NATA. Georgia and Kentucky have successfully amended their current licensure laws to allow the practice of athletic training in a clinical setting.

The NATA Governmental Affairs Committee urges athletic trainers in these four states to contact their state association officer to receive a copy of the regulation because it will be necessary to modify professional practice according

to the legislation. Knowledge of the law and how it affects the practice of athletic training is the responsibility of each athletic trainer, particularly in those states that regulate athletic training or athletic trainers. Because athletic training is recognized as an allied health profession, practitioners must be cognizant of their duties. Ignorance of the law is not an excuse if violations are found.

The Governmental Affairs Committee congratulates the athletic trainers from Mississippi, Colorado, Kentucky, and Georgia, and especially commends those individuals who have worked long and hard in the legislative process. Twenty-six states have chosen to insure the safety of athletes and to protect public welfare by regulating the primary providers of health care to athletes. Other states may have similar bills approved by the time the Annual Meeting and Clinical Symposium begins in New Orleans. The Governmental Affairs Committee will keep the membership apprised of additions to the list of states that regulate our profession.

The Governmental Affairs Committee invites all state licensure representatives and any other athletic trainers interested in regulation to a workshop that will be held in New Orleans during the 1991 Annual Meeting and Clinical Symposium. The workshop will be held on Tuesday, June 11, at 1:00 p.m. in the Marlborough A Room at the Hilton.

NATA News

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Members of the Mississippi Athletic Trainers' Association and of the Mississippi Legislature stand with Governor Ray Mabus at the signing of the Athletic Training Regulation Bill.

1991 Annual Meeting Exhibitors

Booth Number	Booth Number	Booth Number
ABAR Athletic Supply Company, Inc. 1121	Dura-Kold Corp. 1120	M & R Enterprises of Naples, Inc. 839
Activa Health & Fitness, Inc. 07	Dynasport/Donjoy 825	M.D. Products 1232
Active Ankle Systems, Inc. 1214	DynOrthotics, Inc. 1133	MDS Scientific 24
Adams USA, Inc. 639	Easton Sports, Inc. 1111	MECI Electrotherapeutics 732
Aegis Analytical Laboratory, Inc. 433	Econoline Products, Inc. 816	Maginnis and Associates 28
Aircast, Inc. 914	Elantec, Inc. 736	McDavid 1015
Alert Services, Inc. 242A	Electro-Med Health Industries, Inc. 314	McNeil Consumer Products Co. 600
All American Co./Maxpro 542	Electro Medical, Inc. 131	Medco Supply Co. 224
American Academy of Orthopedic Surgeons 32	EMA - Inertial Exercise 1131	Medical Designs, Inc. 1042A
American Sports Medicine, Inc. 1036	EMP America 232	Medical Devices, Inc. 1224
American Trauma Society 18	Encyclopaedia Britannica USA 1136	MED Sports Systems, Ltd. 34
AMREX-ZETRON, Inc. 120	Exercise Systems, Inc. 342	MedX Corporation 115
Andover Coated Products, Inc. 631	E-Z Gard Industries, Inc. 69	Mettler Electronics Corp. 819
Andrew Designs, Inc. 36	Ezy-Wrap 932	Micro Bio-Medics, Inc. 722
Anodyn Medical, Inc. 51	F.A. Davis Company/Publishers 436	Mission Pharmacal Co. 842A
Anvil Cases 332	Felix Design, Incorporated 543	MONAD Corp. 316
Ari-Med Pharmaceuticals, Inc. 220	Ferno-Ille 915	Mosby - Year Book Publishing, Inc. 222
Arizona Athletic Trainers' Assn. 1L	Fitter International, Inc. 1202	Motivator, Inc. 62
Arrowhead Athletics 1109	Flash Anatomy, Inc. 936	Mueller Sports Medicine, Inc. 301
Ascent Technologies Group 1219	Foot Management, Inc. 201	Multiaxial, Inc. 414
Athletic Acceleration, Inc. 943	Foot Technology, Inc. 730	Multiplex Stimulator, Ltd. 52
Au Pharmaceuticals, Inc. 143	FRANK-N-SLIDE, Inc. 118	NACDA Insurance Office 933
Back Strip CAN/AM, Inc. 03	G.E. Miller, Inc. 923	N.D.L. Products, Inc. 1038
Bailey Manufacturing Company 921	Galveston Mfg. Co., Inc. 442A	Nada - Chair 337
Baltimore Therapeutic Equipment Co. 14	Gatorade 409	National Conventioneer 336
Baxter Healthcare Corporation, Physical Therapy Division 1124	Gatorade Sports Science Institute 210	National Sports Underwriters 231
Beiersdorf, Inc. 318	General Physiotherapy, Inc. 1210	National Strength & Conditioning Association 40
Bike Athletic Company 300	Gerry Cosby & Co., Inc. 100	NAUTILUS 615
Bio Compression Systems 604	H.T. Lensgraf Company, Inc. 1215	Neuro Medical Systems, Inc. 02
Biodex Corporation 401	Hammer Strength Equipment Corp. 325	NIKE, Inc. 1208
Bioenergetics, Inc. 123	HealthSouth Sports Medicine Network .. 1025	NordicTrack 237
Biomet, Inc. 1117	Heart Rate, Inc. 208A	Northwest Orthopedic Products 1042
Bissell Healthcare Corporation 1105	Heat Pack Western 1043	Nutrament/The Drackett Company 709
Body Glove 208A	Henley International, Inc. 1023	OSI 1026
Body Masters 103	Hi-Tech Coaching & Training 930	Octogen Pharmacal Company, Inc. 831
Bowman Sportswear, Inc. 1021	Hughston Sports Medicine Hospital 733	Omni Scientific, Inc. 609
Brace International 330	Human Kinetics Publishers 536	ONOX, INC. 438
Breg, Inc. 737	Hydra-Fitness Industries 309	Optima Medical Technologies, Inc. 137
Buck's Bags 642	The Hygenic Corporation 127	Orthopedic Physical Therapy Products .. 830
CAM Medical Supply, Inc. 56	Hymanson, Inc. 443	Otis Clapp & Son, Inc. 731
Carol Associates 236	IHS Technology 625	PCE Sports 814
Champion Sports Nutrition 315	Improve Human Performance, Inc. 836	PI Medical 1227
Chattanooga Corporation 601	Innovation Sports, Inc. 421	PT Systems 1223
Checkmate/Safety In Sports, Inc. 12	Innovative Custom Products/WattsBaggs 111	Parkside Medical Services Corp. 532
Cleo, Inc. 1137	International Medical Electronics, Ltd. 837	Perfect Tens Plus 1241
College Athletic Management 08	International Network, Inc. 00	Physical Support Systems, Inc. 124
Computer Sports Medicine, Inc. 809	IOMED, Inc. 938	Physicians & Nurses Mfg. 112
Conco Medical Co. 719	Itech Sport Products USA, Inc. 1201	Pittsburgh Plastics Mfg., Inc. 1231
Consolidated Products & Services 139	J.M.N. Apparel 133	Pneumex, Inc. 238
Contemporary Design Company 125	Jaybird & Mais, Inc. 920	POLAR USA, Inc. 1200
Cornish Medical Electronics Corp. of Texas 1229	Johnson & Johnson 500	Poly-Med Industries, Inc. 22
Cramer Products, Inc. 901	Jones and Bartlett Publishers 233	PolyMedica Industries, Inc. 1239
Cybex 909	JuZo® 937	Porta Phone Co., Inc. 1139
Darby Drug Co., Athletic Division 430	Kneadspeed, Inc. 58	Professional Medical Products 106
Dillon Orthopedics (Gen.Med. Mfg.) 243	Life College 1143	Promatek Medical Systems, Inc. 339
Douglas Protective Equipment, Inc. 743	Life-Tech, Inc. 1221	Pro Orthopedic Devices, Inc. 801
	Lifeline International 810	ProStretch 221
	Loredan Biomedical, Inc. 725	Protective Sports Equipment 121
	Lyntech Corp. 1242	

Protek-Toe Products	319	Special Insurance Service, Inc.	1022	Products, Ltd.	1123
Pulse Metric, Inc.	01A	Spinal Designs International	1032	Tru-Care Corporation	1142
Quinton Fitness	1233	Sportech Orthotics, Inc.	230	Tru-Fit, Inc.	1125
RANDAL Sports/Medical Products, Inc.	1031	Sport Tapes, Inc.	623	TuFlex Rubber Products	1115
Rangemaker®	637	Sports Appliance Products, Inc.	50	United States Sports Academy	242
Rehab Management Magazine	842	Sports Physical Therapy Section	738	Universal Technology Systems, Ltd.	1037
AI Rice & Associates, Inc.	534	Sports Supports, Inc.	527	VersaClimber	208A
Rich-Mar Corp.	427	Star Trac by Unisen	338	Vixie Enterprises, Inc.	1030
RIDDELL	109	Stewart Medical, Inc.	04	W.B. Saunders Co.	833
ROI Athletic Equipment	942	Stim-O-Stam, Ltd.	53	W.L. Gore & Associates, Inc.	26
RoLoKe Co.	1225	Strength Footwear, Inc.	102	Warnco Associates - Nikken, Inc.	20
The Saunders Group	59	Stromgren Supports, Inc.	418	Whitehall Laboratories	820
Savannah Sports Medicine Clinic	65	SWB Elbow Brace, Ltd.	832	Whitehall Manufacturing, Inc.	821
Schering-Plough Health Care Products, Inc.	215	SWEDE-O-Universal	225	Wikco Industries, Inc.	03
Scholastic Coach Magazine	843	SwimEx Systems, Inc.	533	Willis Medical Co., Inc.	925
School Health Supply Co.	521	Swiss Balance	1138	Wilson Case, Inc.	620
Schutt Athletic Sales Company	1211	Tekdyne Corporation	108	Wilson Sporting Goods Co.	931
Scott All-Sports, Inc.	627	The Tetra Company	815	Worldwide Medical Group	1230
The Seaberg Company	114	Thera-Kinetics, Inc.	331	Wright Linear Pump, Inc.	918
Second Wind Co.	42	3M Health Care	715	Wynmor Products, Limited	1203
Sherwood Medical Company	1101	Total Gym/EFI, Inc.	30	ZEL-X, Inc.	101
Slipp-Nott	939	Townsend Design	219	Zimmer	808
		Trainers' Choice Sports Health			

Free Computerized Drug Reference

In 1972, Olympic swimmer Rick DeMont experienced victory and defeat in the span of a few hours.

DeMont won the 400-meter free-style event. But, a urinalysis revealed that he had taken an ephedrine-containing drug for his asthma. The medicine was not allowed under Olympic rules, so he was stripped of his medal.

Had DeMont's athletic trainer or physician had access to an easy-to-use, reliable reference that lists drugs banned in Olympic competition, today's record books might read a bit differently.

That is the purpose behind the *Allen & Hanburys Athletic Drug Reference*, a computerized listing of more than 12,000 drugs and their status with the major, amateur, athletic-sanctioning bodies, the National Collegiate Athletic Association (NCAA), and the United States Olympic Committee (USOC). The reference is published by Allen & Hanburys, a division of Glaxo, Inc., a leading pharmaceutical company based in Research Triangle Park, NC. The text is compiled by medical and pharmacy consultants in cooperation with the NCAA and USOC.

"Allen & Hanburys sponsored the reference in response to the needs of both the medical and athletic communities," said Dr. Robert Fuentes, Associate Director of Drug Information at Glaxo and

a contributor to the work.

"The *A&H Athletic Drug Reference* contains the first full listing of medications and their possible effects on eligibility that amateur athletes are likely to encounter—information found nowhere else," Fuentes said. "Many popular over-the-counter and prescription medications used to control allergy and asthma—pseudoephedrine, for example—are banned by either the USOC or NCAA. This reference helps physicians choose alternative medications that will enable the athlete to compete."

In the case of exercise-induced asthma—a condition that affected more than 11 percent of US Olympians in 1984—a physician might recommend, for example, Ventolin® (albuterol), an inhaled bronchodilator approved by the sanctioning bodies, Fuentes noted. Without the guide, the physician may choose an unapproved medication. It is estimated that more than 30 million Americans suffer from exercise-induced asthma.

"Before the guide was available, a sports physician or athletic trainer might spend hours, even days, trying to find medications allowed by the USOC or NCAA," said Frank Uryasz, the NCAA's Director of Sport Sciences. "This reference allows the information to be delivered immediately, in the office."

Simplicity of use was one of the goals in creating the guide, said co-author Jack M. Rosenberg, PharmD, PhD, of the Arnold and Marie Schwartz College of Pharmacy and Health Sciences at Long Island University. "You punch in the name of the drug, and it tells you whether it's banned, which body banned it, and if it's banned for the sport you're interested in," said Rosenberg, who with university colleagues, performed much of the research for the reference. "It's all there at your fingertips."

The reference also contains questions and answers on issues surrounding drug education and performance-enhancing drugs, and separate sections on drug testing procedures for athletes and on the effects of anabolic steroids.

The *A&H Athletic Drug Reference* is being supplied free through Allen & Hanburys' sales force to thousands of physicians, pharmacists, athletic trainers, poison control and drug information centers, and medical and pharmacy schools, as well as to 825 NCAA member schools and USOC officials. The reference, available on 5¼ and 3½ inch IBM compatible disks, will be updated regularly.

For more information, contact Allan & Hanburys, Glaxo, Inc., Research Triangle Park, NC 27709.

ATCs Very Important in the Industrial Setting

by Erin M. Wickman, ATC

Employing certified athletic trainers in the industrial setting is a new but growing concept. Traditionally, ATCs work with professional, college, high school, or elite athletes. But recently, the certified athletic trainer has broken these boundaries and moved into new venues including clinics and industries.

Employees in industry are beginning to be viewed as "industrial athletes." An industrial athlete goes through repetitive actions each day, as does a sports athlete. While a sports athlete must practice daily over a two- to six-hour period, depending upon the individual's level of commitment, the intensity is not consis-

tent year-round. At a minimum, the industrial athlete must perform his or her job daily over an eight-hour period, producing the same quota five days a week, 50 weeks a year. Because his or her level of fitness is not usually as good as that of a sports athlete, the industrial athlete is much more prone to overuse injuries.

If the industrial athlete is allowed to return to the same environment after an injury, it is likely that the injury will recur. The ATC tries to reduce the causes of industrial injuries by work station modification and job rotation schedules. Measures of safety are studied in order to make the industrial athlete's job less repetitive and less likely to cause injury.

Many industrial-based facilities have fitness equipment, weight machines, and

wellness classes, which enable the "athlete" to return to normal or above-normal function after an injury. Also, the same equipment can be used to become fit or to stay in shape. An employee who is healthy and strong is less likely to have an injury or to miss work. Education about back care, smoking cessation, weight loss, stress management, and nutrition further enriches the program.

Certified athletic trainers are a much-needed part of industry. Their presence allows a greater awareness of overall health and well-being for the industrial athlete, and decreases workers' compensation costs and time-lost injuries for the company. Isn't it time that the "industrial athlete" received the same level of health care that is available to the sports athlete?

Cardinals' Athletic Trainer to Assist Hunters

Gene Gieselmann, ATC, athletic trainer for the St. Louis Cardinals, has expanded his athletic training duties to include hunters. Ralston Purina, maker of HiPro brand dog food, has retained the services of Gieselmann, who will offer injury prevention, health, and condition-

ing tips for hunters through personal appearances and articles in magazines and newspapers. His athletic training background is applicable to a variety of hunting maladies, including blisters, sore calves, and sprained ankles, as well as training and conditioning.

NATA Phone Lines: Which One to Use?

Many of our members are uncertain about which office to contact for information on the various services offered by NATA. The following is a list of the numbers available to our membership and the type of information that may be obtained by calling them.

• (800) TRY-NATA:

- ✓ Brochure requests
- ✓ Address changes
- ✓ Publication subscription information
- ✓ Administration information
- ✓ Membership information
- ✓ Certification information
- ✓ Annual Meeting information
- ✓ Continuing Education Units

• (800) 662-0227:

- ✓ Certification testing information

• (214) 638-0744:

- ✓ Job placement information

• (800) 800-NATA:

- ✓ NATA News information
- ✓ Athletic Training, JNATA general information and advertising

***I've got to scoot!
I forgot to register
for NATA's
Annual Meeting and
Clinical Symposium
June 8 to 12, 1991
in New Orleans, LA***

***Hey! Where are
you going?***



Salary and Job Description Survey Conducted at District 4 Annual Meeting

by **Dino Laurenzi, ATC**
& **Debbie Sellers, ATC**

During the annual District 4 meeting held in Chicago, IL, March 14 through 16, a job survey was conducted in response to questions raised concerning certified athletic trainers' annual salaries, job responsibilities, and number of hours worked per week.

These results are taken from the 126 surveys completed by certified members.

SALARY

Taking into account several factors—base salary, teaching responsibilities, job setting, degrees and certification, and years experience—the average certified athletic trainer in this group earns \$30,158. Of the 126 athletic trainers polled, 82 percent indicated that they were hired with the primary responsibility of performing as an athletic trainer.

SALARY BY SETTING

Athletic trainers employed in the high school setting ranked at the top of the scale with an average salary of \$35,696 (n=21). Eighty-seven percent of the high school athletic trainers (n=27) indicated that they had teaching responsibilities and an average of 9.7 years of experience (n=21). Clinical athletic trainers also averaged above \$30,000 (n=57). In

contrast, the Division III athletic trainers earned an average salary of \$22,667 (n=12).

EDUCATION AND YEARS OF EXPERIENCE

As one might expect, athletic trainers with an advanced degree earned a higher salary. The average salary for an

hours, 81 percent of the athletic trainers polled indicated that they work more than 40 hours per week. They worked an average of 52 hours per week throughout the year. This amounts to an average of twelve hours of overtime a week. Nineteen percent receive compensation in the form of overtime pay or compensatory time.

The high school athletic trainers who were surveyed worked an average of 58 hours per week (n=29).

PROFESSIONAL PAY

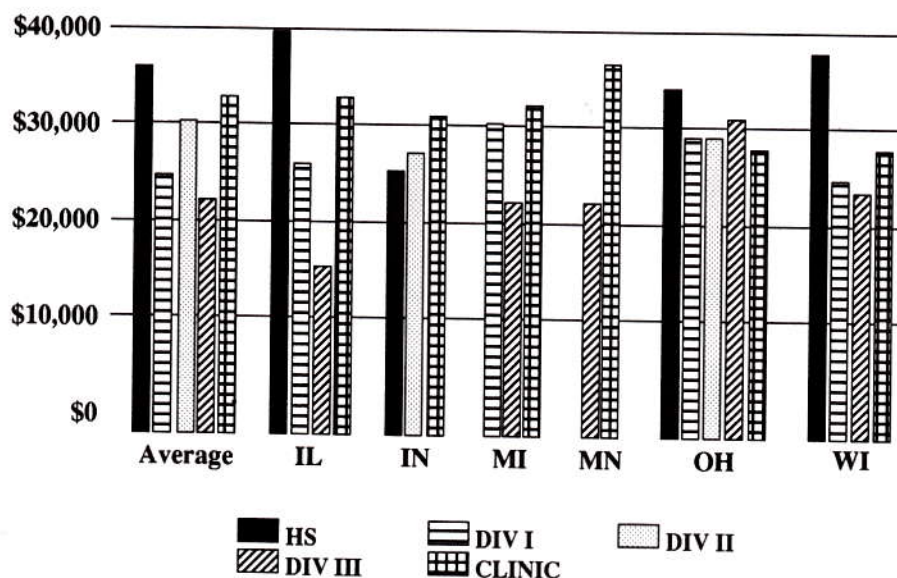
Ninety-eight percent of all the athletic trainers surveyed indicated that they think the certified athletic trainer is underpaid as a professional. Eighty-two

percent think that the National Athletic Trainers' Association should recommend a base salary range for the certified athletic trainer.

SUMMARY

With the recent recognition of the certified athletic trainer as an allied health professional by the American Medical Association, the athletic trainer is gaining professional credibility. Salary, average work week, and job responsibilities continue to remain a concern, and further studies are needed to address these areas as the membership moves toward the year 2000.

ATC JOB COMPARISON
March 1991



athletic trainer with a master's degree was \$31,688 as compared to \$26,175 for the athletic trainer with a bachelor's degree. The same held true concerning the relationship between years of experience and salary.

In general, female athletic trainers with the same degree and number of years of experience earned a lower salary than their male counterparts. Forty-nine females and 77 males responded to the survey (n=126). Further research is needed to address this discrepancy.

WORKING OVERTIME

When it comes to putting in extra

In Memoriam

John Balginy, athletic trainer with the Refugio, TX, Bobcats football team, passed away December 31, 1990, after a lengthy battle with diabetes. He was 67 years old.

Balginy, a Manhattan, NY, native, attended Oklahoma A & M (now Oklahoma State University) where he sustained a knee injury playing football. This injury eventually started a life-long commitment to athletic training and to the care of athletic injuries. His athletic training responsibilities have included employment with the Los Angeles Dodgers, the Harlem Globetrotters, and the El Paso Independent School District.

In 1988, John lost part of his right leg to diabetes, but he returned with a prosthesis to continue his work with the Bobcat football team.

His influence has been felt as far north as Canada and as far south as Mexico. An article published in 1989 indicated that John could summarize his athletic training experience with the following statement: "I've really enjoyed this." He will be missed by his family, friends, and the many people whose lives he touched.

He is survived by his wife, Evelyn, a daughter, Niki, and a son, John.



John Balginy
January 2, 1923 - December 31, 1990

James Weaver Jordan 1931-1990

James Weaver Jordan, III, of Columbus, GA, passed away on July 14, 1990, as a result of injuries sustained in a car accident in Columbus. He was 59 years old.

Jordan was Baylor University's first full-time athletic trainer in 1953 and served in that capacity until he returned to Columbus to enter the family's private business in 1963.

At Baylor, Jordan served on the NATA Board of Directors as the representative from District 6, and was Chairman of the Board for one term. He also served a stint as President of the Southwest Athletic Trainers' Association from 1959 to 1960. Jordan was instrumental in providing guidance for SWATA. Because of his strong influence, Baylor became the site of the District 6 annual meeting for 26 years.

Jordan was known by his friends as a kind and respectful man who truly cared about others.

He is survived by his wife, Betty; his three sons, Randy, Gary, and Scott; his brother Wayne; and four grandchildren.

NATA Membership is Rapidly Increasing

The NATA membership is growing! As of May 1, 1991, the NATA had 15,418 members. At this same time last year, membership totalled 13,178. This

shows an increase of 2,240 members. Approximately 41% of NATA members are female and nearly 30% are full-time students. Student members are categorized as follows: undergraduates (4,001),



graduate students—not certified (194), and graduate students—certified (373). California has the most NATA members with 1,402 and Pennsylvania follows with 1,160. Wyoming has the fewest number of NATA members, with 22 on the roster; followed by Rhode Island and South Dakota, which are tied with 83 members.

Correction

In the April 1991 edition of *NATA News* (Volume 3, Number 2), in the article by John W. Powell, PhD, ATC, entitled "NATA Announces Research Grant," the last sentence in the first paragraph should have read, "Upon completion, look for the findings in *Athletic Training*, *JNATA*, as well as at the Research Symposium during the 1992 [not 1991] Annual Meeting and Clinical Symposium." We regret the error.

Salary Survey of New Jersey High School Athletic Trainers

In the spring of 1990, Phil Hossler, ATC, Mark Cherwony, ATC, Debra Dross, ATC, and Cathi Yayac, ATC, surveyed the 205 New Jersey high schools that employ athletic trainers. Thirty-five percent of the schools responded.

The most common high school athletic training hiring practice (52%) was to place the individual on the "teachers' guide," a standardized salary scale within each district. The average starting salary for a New Jersey high school athletic trainer was \$22,980 for a person with a bachelor's degree and \$24,879 for a person with a master's degree. The majority of the responding trainers (75%) were hired for full-time work and were paid on

their district's teachers' guide with an additional stipend that averaged \$4,977.

The smallest schools' (Group I) salary steps were equal to or higher than the state average for each year of experience for 50% of the respondents. The middle-sized schools (Group II and III) provided salary steps equal to or greater than the stated averages 88% of the time. On the average, Group II schools paid the highest additional stipend (\$5,839). The largest schools (Group IV) met or exceeded state averages for only 14% of the total steps paid, and offered the lowest average stipend (\$4,300).

"As the profession of athletic training continues to grow both in size and

prestige," Hossler commented, "it becomes increasingly vital that the public view athletic trainers as professionally educated and trained individuals. High school athletic trainers are becoming more visible and should make efforts to ensure professional treatment in hiring practices."

Athletic trainers' associations from other states are encouraged to conduct similar studies, so that a complete national profile of high school athletic trainer salary structures may be compiled.

For more information, contact Phil Hossler, East Brunswick High School, East Brunswick, NJ 08816, (908) 613-6934.

High School Football: From a Student Athletic Trainer's Standpoint

by David J. Patrick

"Hurry up and wrap my dawgs!" cries our six-foot, three-inch tight end in response to the painful turf-toe injury he has just sustained.

"Cloth wraps, and please, try to lose the wrinkles in the tape. I'm not a lover of blisters," comments one of our all-district linemen.

These are just some of the comments and harassments that the average student athletic trainer puts up with every day during the football season. Following these rude remarks is the frequent complaining about sore muscles and ligaments caused by yesterday's "killer" workout. How does a 17-year-old student athletic trainer deal with it?

To begin with, I personally do not just "love" the people I work with (or on). Do not misunderstand me, I like everyone on the team; but, I'm not studying to be an athletic trainer just to be around "the guys." Furthermore, it is not a "blow-off" class where one sits around doing nothing all day. Being a student athletic

trainer is hard work. I suppose the main reason that I participate in this area of high school sports is the satisfaction I gain after practice when a particularly good athlete comes in the training room and compliments my excellent tape job; or when I see someone I have taped perform well in a game, and I realize that if I had not wrapped him well, then his participation in the game would have been hindered.

The student athletic training class is not a "goof-off" class. We are called on to perform many duties. The most significant responsibilities of the student athletic trainer are to assist the head athletic trainer with his or her duties in preparing athletes for sports competition as well as to deal with any fortuitous injuries. Of these duties, taping is the most difficult and the most crucial. Athletes may be hard to work with sometimes, but good student athletic trainers will not let the jeers and snide remarks agitate them. Wrinkles in the tape do cause painful blisters and inhibit the performance of the athlete, so an athletic trainer does his or her best to prevent this.

Furthermore, it takes a lot of practice and effort to perfect the techniques involved in taping. In other words, students do not sign up to be athletic trainers and then instantly become respected because of the ability to tape. In fact, often it is their lack of experience that leads to coarse comments from the athletes. As with all other athletic-related activities, taping techniques require a lot of practice and patience to master.

However, do not misinterpret the meaning of this commentary. Student athletic training has many intrinsic rewards, especially self-satisfaction.

"Thanks, guy, most excellent job on the wrap. Did you see how hard I hit that fella?" When you hear something like this, you are motivated to do even better, and most importantly, to impress yourself.

David J. Patrick is a junior at Snyder High School in Snyder, TX.



Honors and Awards

SASCO Announces All-Air® Academic Team

Julie Nimmons, President of Schutt Athletic Sales Company (SASCO), which manufactures Air® Football and BB/SB Batter's Helmets, has announced plans for their first annual All Air® Academic Team. The team is part of SASCO's efforts to encourage students to stay in school.

Students who use the helmets are invited to enroll in the Air Team. They receive a membership package and information on SASCO's "Say Yes to Sports, Say No to Drugs" campaign.

At the end of this school year, members are invited to send in a copy of their report card duly authorized by their

school principal, home room teacher, or faculty advisor. Those who have earned grades of all A's or A's and B's will be

given an All - Air Academic Team certificate. They will be eligible for a drawing in August for a \$ 1 0 0 United States Savings Bond.

The All - Air Aca-

ademic Team is the Schutt Athletic Sales Company's latest effort in stressing the importance of excellence in academics.

Nimmons is pictured with Steve Yates, MEd, ATC (right), Editor of *Athletic Training*, *JNATA*, and Bill Ryczaj, SASCO's Director of Marketing and Sales.



IATA Establishes Hall of Fame

In January 1991, the Indiana Athletic Trainers' Association (IATA) announced the establishment of their Hall of Fame.

The first Hall of Fame honoree was William E. "Pinky" Newell. In presenting the award, Denny Miller, ATC, Head Athletic Trainer at Purdue University, stated, "Pinky has done more to promote a professional image, improve the educational concept for the athletic trainer, and to improve the respect of our association than any other individual." The award was sponsored by MEDCO Supply Company, Inc.

Other athletic trainers were recognized for their outstanding contributions as IATA Athletic Trainers of the Year. Kent Evans was named IATA High School Athletic Trainer of the Year. Evans, a graduate of Ball State University and Indiana University, is a teacher and athletic trainer at Franklin Central High School. He was the athletic trainer for the 1984 All-Star Football Game and the 1987 All-Star Baseball Game. Jack Mansfield, a graduate of Ball State University and Florida State University, was named IATA College Athletic Trainer of the Year. He has been the Head Athletic Trainer at Wabash College since 1984 and served as IATA president from 1988 to 1990. Hunter Smith, Head Athletic Trainer for the Indianapolis Colts, was named IATA Professional Athletic Trainer of the Year. Smith has served on the IATA Board of Directors since 1984 and the NATA Board of Directors from 1980 to 1984 as the District III representative.

Better Late than No Letter

Dr. Herman Bearzy, an honorary member of the NATA, who served as student manager and athletic trainer for the University of Pittsburgh (Pitt) from 1936 to 1943, has, at long last, received a varsity letter.

Dr. Bearzy was promised the letter by the Pitt coach, Carl Olsen. When he

did not receive it, he assumed that the coach had reneged on his promise or had been overruled.

To the doctor's pleasant surprise, he received a package in the mail recently. Inside was the varsity "P," with a letter from Dr. Edward Bosnick, Pitt Athletic Director, apologizing for the long delay.

Tennessee ATC Inducted into Prestigious *Who's Who*

Terry L. Trundle, PTA, ATC, Sports Rehabilitation Director of Professional Therapy Systems, in Chattanooga, TN, will be included in the new edition of *Who's Who in Tennessee*.

A select number of Tennesseans are chosen to appear in this publication annu-

ally. Recognition is confined to those who achieve noteworthy success within their field of endeavor.

Trundle's professional achievements and service in the field of physical therapy and athletic training have distinguished him as a predominant figure in

Tennessee. He is a graduate of the University of Tennessee and the Medical College of Georgia.

The entire advisory board of *Who's Who in Tennessee* joins Terry's family, friends, and associates in extending heartfelt congratulations for this honor.

South Dakota ATA Announces Hall of Fame

The South Dakota Athletic Trainers' Association (SDATA) has announced three 1991 inductees into the SDATA Hall of Fame. The presentations were made at the District 5 Clinical Symposium held March 15 to 17 in Sioux Falls, SD.

James Booher, PhD, RPT, ATC, Head Athletic Trainer and Professor at South Dakota State University, was recognized for his participation in developing "one of the most exceptional athletic training programs in the upper Midwest." Booher began his athletic training career at SDSU, while working as a physical therapist at the Brookings Hospital. He developed and implemented an NATA-approved curriculum program with a minor in athletic training at SDSU in 1977. Since that time, 88 students have graduated in athletic training, including 66 who have become certified athletic trainers.

Widely recognized for his contributions to athletic training, Booher was

inducted into the Varsity Hall of Fame at his alma mater, Nebraska Wesleyan University, in 1980. He was a finalist for the NATA Distinguished Athletic Training Educator Award in 1985, and received a North Central Intercollegiate Athletic Conference Meritorious Service Award in 1987. Currently serving a three-year term on the Board of NATA as Director of District 5, Booher also serves on the NATA National Placement and Membership Committees. Booher is a founder and charter member of SDATA and is widely recognized for his textbook on athletic injury assessment, *Prevention and Care of Athletic Injuries*.

Also inducted into the Hall of Fame was John J. Billion, MD, who is a co-founder and charter member of SDATA. Billion is the founder of Orthopedic and Sports Medicine Clinic in Sioux Falls, SD, which has become one of the most progressive and well-known athletic health care clinics in the upper Midwest. During his career, Billion has volunteered

much of his time to cover high school and college athletic events. An active lecturer on medical and allied health topics, Billion has addressed many state and district athletic trainers' associations' workshops.

Currently Chief of Orthopedic Surgery at Royal C. Johnson Veterans' Hospital, Billion is a member of the American Orthopaedic Society for Sports Medicine, the American Academy of Orthopaedic Surgeons, and the American Medical Association. He is certified by the American Board of Orthopaedic Surgery.

The induction ceremony also honored former South Dakota Governor George Mickelson, who served as a *pro bono* consulting attorney for the SDATA from 1977 through 1984. He assisted in the development and writing of the SDATA original charter. He was also instrumental in the writing and passage of the South Dakota Athletic Training Licensure Bill.

1991 Illinois Athletic Trainers' Association Hall of Fame Inductees: Gerald Bell, Richard Carey, and Roger Kalisiak

The Illinois Athletic Trainers' Association recently honored its 1991 Hall of Fame inductees at the Great Lakes Athletic Trainers' Association Annual Meeting in Rosemont, IL. The three men were recognized for their roles in the passage of the 1986 Illinois Athletic Trainers' Practice Act.

Inductee Gerald W. Bell, EdD, ATC/R, LPT, Assistant Professor of Kinesiology and Director of the Sports Injuries Research Institute at the University of



Illinois, served as GLATA President from 1988 to 1990. A graduate of Ball State University, the University of Arizona, Brigham Young University, and Ohio State University, Bell has been Chairman of the Illinois Board of Athletic Trainers since 1987.

Richard J. Carey, MS, ATC/R, has been Head Athletic Trainer at Lyons Township High School in LaGrange, Illi-

Roger A. Kalisiak, MS, ATC/R, served as Illinois ATA President from 1982 to 1986, and is currently GLATA Winter Meeting Coordinator. He is Head Athletic Trainer at Hoffman Estates High School and was awarded the 1983 NATA National High School Athletic Trainer of the Year honors. Kalisiak received his bachelor's and master's degrees from Northern Illinois University.

nois, since 1976. Carey was named NATA National High School Athletic Trainer of the Year in 1984. He graduated from the University of Washington and Penn State University.

District News

Indiana ATA Offers *Placement Vacancy Newsletter*

The Indiana Athletic Trainers' Association is offering a *Placement Vacancy Newsletter* for District Four. It lists position vacancies from all districts and lists college/university, high school, private/professional, and graduate assistant positions. Included is the NATA's printed listing from the *Job Hotline*, along

with an additional list of jobs from other sources. The *Placement Vacancy Newsletter* is offered on a subscription basis to cover the costs of printing and postage. It is available for \$18.50 per year. For more information, contact Greg Williamson, Anderson University, Anderson, IN 46012.

GLATA Members Needed to Volunteer for the 1991 Special Olympic Games

The 1991 International Special Olympic Games—the year's largest sporting event in the world—will be held in Minneapolis/St. Paul, MN, July 19 to 27, 1991. Six thousand mentally retarded athletes from all 50 states and more than 90 other nations

Jacobs & Associated Companies; Northwest Airlines, Incorporated; and Volvo North American Corporation.

*Let me win,
But if I cannot win,
Let me be brave in the attempt.*

Special Olympics Oath

will compete in 15 Olympic-style sports events before countless cheering spectators. This year's games are sponsored by Civitan International; The Coca-Cola Company; Drexel Burnham Lambert, Incorporated; IBM Corporation; Irwin

athletic trainers for the 1991 Special Olympic Games. For more information, contact Bob Finke at Braemer Sports Medicine Center, 7201 Washington Avenue South, Edina, MN 55439; (612) 944-1732.

As hosts, the Minnesota Athletic Trainers' Association invites all GLATA members to serve as volunteer

District Six President and the Role of High School Athletic Trainers Featured



Susan Leeper, ATC

The January 1991 issue of *JOPERD*, *The Journal of Physical Education, Recreation & Dance*, 62:1, devoted its cover and a major article to "Making a Case for

High School Athletic Trainers."

The cover features NATA District 6 President Susan R. Leeper, ATC, treating a high school student for an injured knee. Leeper is athletic trainer at L. D. Bell High School in Hurst, TX, which, according to the article, is among only 10 percent of the nation's 22,000 high schools that provide adequate medical care for student athletes.

The article, written by University of Louisville assistant professors P. Joanne Rowe and Lori K. Miller, presents research findings on the need for qualified high school athletic trainers. The article also includes many statistics previously compiled by NATA.

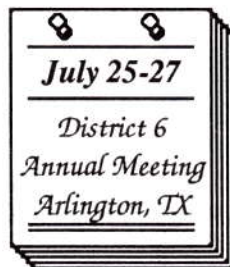
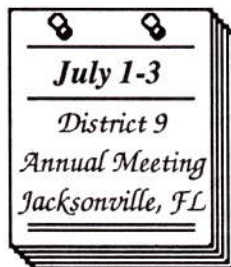
The authors report on a comprehensive 1988 survey of the athletic training programs in Georgia's public and private schools. This survey reveals that a large percentage of those responsible for the care, treatment, and rehabilitation of injured high school athletes in Georgia, do not possess adequate athletic training skills. This is not uncommon considering that nationally, only ten to twenty percent of high school athletic trainers meet NATA standards.

In addition, the authors also examine the effectiveness of coaches as athletic trainers and identify alternative methods for schools that are unable to employ a full-time athletic trainer.

To order a copy of the article, call *JOPERD* at 1-800-321-0789.

Still to Come:

**NATA Annual Meeting & Clinical Symposium
June 8 to 12, 1991
New Orleans, Louisiana**



Announcements

***Journal of Sport Rehabilitation* Set for Release in February 1992**

Human Kinetics Publishers has announced the February 1992 release of a new publication, the *Journal of Sport Rehabilitation*. This journal is intended to serve the needs of all members of the sports medicine team, including the athletic trainer, team physician, sport physical therapist, sport podiatrist, sport nutritionist, exercise physiologist, sport biomechanist, sport psychologist, and strength and conditioning coach.

The *Journal of Sport Rehabilitation* will publish original research reports, scholarly reviews, case studies, and clinical application articles that pertain directly to the rehabilitation of injuries incurred in sport and exercise settings,

irrespective of age, gender, athletic ability, level of fitness, or health status of the participant. David Perrin, PhD, ATC, of the Curry School of Education, University of Virginia, has been chosen as the founding editor.

Interested persons are invited to submit articles for publication in the journal. The format selected for this journal follows the style manual published by the Council of Biological Engineers.

Guidelines for publication are available from David Perrin, PhD, ATC, Editor, *Journal of Sport Rehabilitation*, Curry School of Education, Ruffner Hall, 405 Emmet Street, University of Virginia, Charlottesville, VA 22903.

Video Aimed at Relieving Back Pain

Tina Schwager, ATC, is featured in a new video, *Back in Action*, that offers a program to relieve lower back pain. The video, which is produced and distributed by Lead-on Productions, emphasizes a variety of exercises and stretches to aid in the prevention of and recovery from lower back pain. Schwager says the project is "an innovative and effective means for athletic trainers to accomplish their goals of prevention, care, and education."

Schwager is a graduate of California State University, Northridge, where she was named outstanding student athletic trainer. Her athletic training career has included work at the high school, collegiate, Olympic, and clinical levels. She currently is a fitness specialist in Woodland Hills, CA. For more information on the video, contact Schwager at 22501 Del Valle Street, #107, Woodland Hills, CA 91364, (818) 702-0378.

New CPR/First Aid Training Program Available

Sports Medicine First Aid™, a newly developed CPR/first aid training program, focuses on the basics of athletic conditioning, injury prevention, and immediate first aid for today's athletic population. The importance of emergency planning, nutrition, sports liability, and the problems of substance abuse are covered as well. The package includes VHS tapes,

an instructor's guide, printed student literature, and hands-on training supplies.

The program was developed by EMP America and is available to all persons interested in the care and treatment of athletic injuries. For more information about the program cost and instructor training, contact EMP America at (800) 800-7099.

Renovations Underway for New School of Health Sciences

Duquesne University in Pittsburgh, PA, has announced that its new School of Health Sciences will be named the John G. Rangos, Sr. School of Health Sciences. Renovations are underway for the 35,000-square foot facility, which will contain research labs, classrooms, faculty offices, and study areas. Renovations to the University's old gymnasium are expected to total \$4 million.

This fall, approximately 200 students will enroll in the School, which provides professional education in physical and occupational therapy, athletic training, health records administration, physician assistantship, and perfusion technology. Dr. Jerome Martin, Dean of the School, says that other courses of study such as medical technology and advanced master's and doctoral degree programs will be developed in the future.

Directory of US and Canadian Graduate School Programs Published

The American College of Sports Medicine (ACSM) recently published the 1991 edition of *The Graduate Program Directory*, which lists graduate school programs in the fields of sports medicine and exercise science at 111 colleges and universities in the U.S. and Canada. The directory lists degrees offered by graduate schools, areas of specialization, and information about graduate intern and

teaching assistantship programs. A calendar of all ACSM certification workshops and examination sites and dates is included, also.

To order the directory, send U.S. funds (\$10 for U.S. addresses; \$20 for Canadian addresses) to: ACSM Graduate Program Directory, PO Box 1440, Indianapolis, IN 46206-1440; or call (317) 637-9200.

Calendar of Events

June 13-16

Monterey Peninsula, CA

The North American Society for the Psychology of Sport and Physical Activity Annual Conference

Contact: Dr. Penny McCullagh, Department of Kinesiology, Campus Box 354, University of Colorado-Boulder, Boulder, CO 80309

June 16-20

Columbus, OH

Student Athletic Trainer Workshop

Contact: Bill Davis, Assistant Athletic Trainer, Ohio State University, 1410 Woody Hayes Drive, Columbus, OH 43210

June 16-20

Pittsburgh, PA

University of Pittsburgh's 15th Annual Basic and Advanced Athletic Training Workshop for High School Students

Contact: Kerry Waple, Athletic Training Education Program, Suite 140, Trees Hall, University of Pittsburgh, Pittsburgh, PA 15261, (412) 648-8264

June 25-27

Boston, MA

9th Annual Sports Medicine Workshop—The Lower Extremity

Contact: Tufts University School of Medicine, Office of Continuing Education, 136 Harrison Avenue, Boston, MA 02111, (617) 956-6579

June 28-30

Brookville, Long Island, NY

Long Island University—CW Post Campus Sports Medicine Camp

Contact: Evan Malings, Long Island University, CW Post Campus, Athletic Department, Brookville, NY 11548, (516) 299-2675

June 19-23

Charlottesville, VA

18th Annual Art and Science of Sports Medicine Conference—The Art and Science of Sports Medicine

Contact: Dr. Joe Gieck, University of Virginia, PO Box 3785, Charlottesville, VA 22903

July 3-6

Hilton Head Island, SC

Orthopaedic Sports Medicine Seminar

Contact: George M. Converse, Lloyd Noland Hospital, 701 Lloyd Nolan Parkway, Fairfield, AL 35064, (205) 783-5121

July 11-16

Key Biscayne, FL

The 44th Annual Clinical and Scientific Congress and Pre-conference Workshops

Contact: American Kinesiotherapy Association, Inc., PO Box 611, Wright Brothers Station, Dayton, OH 45419-0611

July 12-14

Tacoma, WA

Shoulder and Knee Injuries in Sports

Contact: Pacific Coast Seminars, 4547 25th Street, San Francisco, CA, 94114 (415) 821-7497

July 14-19

Whistler, British Columbia, Canada

The First World Congress on Wilderness Medicine—Medicine and the Spirit of Adventure

Contact: Wilderness Medical Society, PO Box 397, Point Reyes Station, CA 94956

July 15-19

Dayton, OH

St. Elizabeth Sports Medicine Center's 9th Annual Student Athletic Trainer Workshop

Contact: Jerry Whetstone, ATC, (513) 229-6692

July 19-20

Clinton, SC

South Carolina Athletic Trainers' Association Annual Meeting

Contact: Nelson Jones, ATC, Athletic Department, Presbyterian College, Clinton, SC 29325

July 19-21

San Diego, CA

Shoulder and Knee Injuries in Sports

Contact: Pacific Coast Seminars, 4547 25th Street, San Francisco, CA, 94114 (415) 821-7497

July 22-26

San Diego, CA

Sports Medicine 1991

Contact: Rynda Gibbs, University of California-San Diego, Office of Continuing Medical Education - 0617, La Jolla, CA 92093

July 25-28

Oklahoma City, OK

Proprioceptive Neuromuscular Facilitation I

Contact: Linda Resnick, Department of Physical Therapy, Baptist Medical Center, 3300 Northwest Expressway, Oklahoma City, OK 73112-4481

August 9-10

Seattle, WA

The Molecular Basis for the Use of Lasers, Ultrasound, and Other Devices in the Treatment of Sports Injuries

Contact: Glen Gordon, MD, 502 54th Avenue East, Tacoma, WA 98424

August 18-20

Oak Brook, IL

Lower Extremity Symposium on Knee & Ankle Pathologies & Orthotic Fabrications

Contact: International College of Medical Congresses, PO Box 2592, La Crosse, WI 54602 (608) 781-6171

August 21-24

Seattle, WA

10th Annual Convention, National Association of Orthopaedic Technologists

Contact: Pamela M. Buckman, NAOT Business Manager, PO Box 5698, Concord, CA 94524

September 28

New York, NY

A Dynamic Approach to the Comprehensive Treatment of the Orthopaedic Shoulder

Contact: Maria De Francesco, CE Director, East Coast Continuing Education Center, Inc., 1585 Morrison Avenue, Union, NJ 07083, (908) 686-0836

The NATA News will list events of interest to persons involved in sports medicine if the information is received by July 1, 1991, for the August publication. Please enclose all pertinent details, including the name and address of the person to contact for further information. Send the notification to: Dr. Jeff Fair, Head Athletic Trainer, Athletic Department, Oklahoma State University, Stillwater, OK 74078, or to NATA News, 3312 West Cary Street, Richmond, VA 23221, (800) 800-NATA, FAX (804) 358-9951.

**Get
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**And Get
Registered!**

**NATA's 42nd
Annual Meeting
and
Clinical
Symposium
June 8 to 12, 1991
New Orleans, LA**



NSCA Annual Meeting and Trade Show Set

St. Louis is the site for the annual meeting and trade show of the National Strength and Conditioning Association (NSCA) June 20 to 22, 1991, and the 1991 NSCA Conditioning Foundation Conference for conditioning professionals June 22 to 23, 1991.

The conference consists of two 12-hour learning tracks that run from 2 p.m. Saturday, June 22, through 5 p.m. Sunday, June 23. The first is the *Conditioning Foundation Basic Instructor Clinic*, which will cover exercise physiology, conditioning program design, and injury prevention identification. Hands-on training will be offered.

The second course option, *Special*

Issues, is designed to expand professional knowledge through discussions and specialized seminars. Some of the topics include: the conditioning equipment industry, certification education and agencies, conditioning for recreational sports, training overweight and/or diabetic clientele, and training youth and older clientele.

Advance registration is \$80 for Conditioning Foundation members and \$100 for non-members; registration after June 3 will increase to \$95 for members and \$115 for non-members.

For more information, contact Gary Goranson, NSCF, P.O. Box 81410, Lincoln, NE 68501, (402) 472-3000.

California City Sports Seminar to be Held

California City Sports is presenting *The Competitive Edge, "Reaching Your Peak Performance in Today's Scientific World"* June 28-30, 1991, at the Le Meridien Hotel, in San Francisco, CA.

This intensive, two-day session will feature leading experts in the athletic performance fields of sports/exercise physiology, nutrition, and psychology. The seminar will explore the latest research in the scientific and practical aspects of psychology, physiology, and nutritional science.

Science is represented by researchers who know what works in athletic performance based on theory and scientifically designed studies.

Application is represented by athletes who know what works in athletic performance, based on their own trial and error as well as years of experience.

Much too often, science and application do not converge. Athletes often are unaware of scientific findings that could enhance the effectiveness of their sports performance. Scientists often are unaware of the practical constraints and questions of athletes.

The Competitive Edge will allow scientific researchers and sports participants to explore the science and application of peak performance together.

The Competitive Edge offers opportunities for intensive research reviews, idea building, peak performance news gathering, extensive networking, and interpreting and applying the latest in peak performance.

For registration information, contact California City Sports, *The Competitive Edge*, P.O. Box 193693, San Francisco, CA 94119, (800) ACTIVES.

11th National Veterans Wheelchair Games Are June 11 to 15, 1991

Nearly 500 wheelchair athletes are expected to gather at the University of Miami, FL, June 11 to 15, 1991, for the 11th National Veterans Wheelchair Games.

Sponsored by the Department of Veterans Affairs and the Paralyzed Veterans of America, the Games are the largest wheelchair sporting event in the United

States. The event is open to all U.S. military veterans who use wheelchairs because of spinal cord impairment, neurological conditions, orthopedic amputations, or other disabilities.

Athletes are expected to compete in track and field, swimming, basketball, quad rugby, weightlifting, slalom, bowling, table tennis, archery, and billiards.

The first National Wheelchair Games were held in 1981, the International Year of Disabled Persons, at the Veterans Affairs Medical Center in Richmond, Virginia. Each year, the number of participants and the quality of the competition have increased. For more information, contact Roxanne Fischetti, VA Public Affairs, at (202) 233-6325.

Medical Update

Safe Practices and Over-the-Counter Medications in the Training Room

by Nina Partin, MEd, ATC

In February 1991, three people from the western part of Washington were afflicted with acute cyanide poisoning after consuming Sudafed® 12-Hour Capsules. Two of the victims died.

The only survivor was a 28-year-old woman who collapsed within one minute after ingesting the capsule. She was found comatose by paramedics, and later diagnosed with profound metabolic acidosis. Following intensive treatment for hypotensive shock, bradyrhythmia, and metabolic acidosis, her blood pressure stabilized, her acidosis resolved, and she regained consciousness.

After she stabilized, her physician suspected cyanide poisoning and ordered a blood test. The results were positive for cyanide and pseudoephedrine. The physician obtained the patient's medications and discovered that the lot number on the Sudafed box differed from the lot number on the blister pack.

Another victim, a 40 year-old woman, was found unconscious on the floor of her bathroom one minute after ingesting Sudafed. Paramedics on the scene detected a pulse and transported her. At the hospital, her condition began to deteriorate, and she died within two days. The autopsy findings revealed cerebral edema with herniation, focal cerebellar hemorrhage, and pulmonary edema. These findings and the cause of death remained unexplained until the medical examiner ordered another blood test. The analysis of this test detected the presence of cyanide and ephedrine/pseudoephedrine.

In another incident, a 44-year-old man collapsed two minutes after ingesting one Sudafed. He was declared brain dead upon arrival at the hospital, and his blood tested positive for cyanide.

On March 2, 1991, Burroughs Wellcome Company recalled all boxes of Sudafed 12-Hour Capsules in the U.S. and notified the public of possible cyanide contamination.

To date, nine deaths have been reported as a result of deliberate tampering with over-the-counter medications. All have involved cyanide. The Washington victims had ingested an over-the-counter medication, Sudafed, which is sold in packages with four tamper-resistant features: 1) a two-part plastic capsule sealed with a band; 2) a blister pack encasement; 3) a blister pack enclosure within a box sealed with a safety tab; and 4) an identification system consisting of identical code numbers for the box and the blister pack. In three of the four packages in which cyanide had been found, the code numbers on the boxes and blister packs did not match.

These tampering incidents suggest the need to re-evaluate our current practices regarding over-the-counter medical storage and distribution to our athletes. In order to minimize possible conflicts, we need to address the following concerns: 1) Are over-the-counter medications too accessible to everyone who enters our training facilities, and are they safely stored?; 2) Do others have access to our training kits?; 3) Are athletes allowed to help themselves when they need aspirin, antacids, cough drops, etc.?; 4) Do we use multi-dose packs instead of individual-dose packages?; 5) Do we give the athletes their entire prescriptions all at once or do we ration the prescriptions?; 6) Do we use capsules when we could use tablets or caplets?

To my knowledge, no one in athletics has been poisoned, but awareness that it can occur and implementation of precautionary measures are the first steps in preventing a potential tragedy. Obviously, individual-dose packs are expensive, and dispensing over-the-counter

medications to athletes ourselves is time consuming, but these precautions may help to avoid a tampering incident.

Inquiries regarding over-the-counter medications and how to implement safety precautions should be directed to your physician or pharmacist.

REFERENCES

1. Arnold J, Davis J, Howard J, Logan B, Kobashi JM, Pouw TH: Cyanide poisonings associated with over-the-counter medication. *JAMA* 265(14): 1806-07, 1991.

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