

JOHN STEVEN WOOD, CHT

116 E. French Place
San Antonio, Texas 78212
(210) 823-2200
www.jstevenwood.com

EDUCATION/SPECIALTY TRAINING

Inspection, Maintenance, and Documentation of Hyperbaric Chamber Acrylics, June 25, 2006
Hyperbaric Safety Director Training, May 2002
Fire Hazards in Oxygen Systems, ASTM, November, 1997
Sechrist Industries, Hyperbaric Chamber Maintenance and Repair, August 1999, February 1994
Maryland Institute for Emergency Medical Services Systems, Clinical Hyperbaric Oxygen Therapy Course, March 1986
Louisiana Hospital Association School for Supervisory Training, 1985
Louisiana State University, Alexandria, LA, 1980 - 83 (Nursing, General Studies)
Louisiana College, Pineville, LA, 1974 - 75 (Biology)

WORK HISTORY

Hyperbaric Safety Systems, LLC, San Antonio, TX 6-09 – present
Hyperbaric America, LLC, Boca Raton, FL, 6-08 – 5 - 09, Senior Vice President
National Healing Corporation, Boca Raton, FL/Medical Multiplex, Inc., Louisville, KY, 7-01 – 6-08, Director, Facility Planning and Safety, Senior Vice President
Hyperbaric Specialty Consultants, Inc., San Antonio, TX, 9-99 – 12-03, President
Advanced Baromedical Systems, Inc., San Antonio, TX, 8-97 – 1-00, President
TotalWound Treatment Center/Hyperbaric Oxygen, Inc., San Antonio, TX, 8-92 – 8-00. Vice President, Director of Hyperbaric Services
Reneau, Inc., Stafford, TX, 10-87 - 10-92. Vice President/Hyperbaric Applications Specialist
St. Patrick Hospital, Lake Charles, LA, 9-83 - 10-87. Technical Coordinator, Regional Hyperbaric Center (2-86 to 10-87); Acting Director (7-85 to 7-86) Shift Supervisor (9-83 to 7-85), Respiratory Therapy
St. Frances Cabrini Hospital, Alexandria, LA, 3-80 - 9-83. Shift Supervisor, Respiratory Therapy
Alexandria Vo-Tech Institute, Alexandria, LA, 5-82 - 10-82. Associate Instructor, Health Occupations
Williams' Physicians' and Surgeons' Supply, Shreveport, LA, 11-79 - 3-80. Sales Representative
Minden Medical Center, Minden, LA, 12-77 - 10-79. Department Head, Respiratory Therapy, EKG/EEG
Respiratory Care Services, Inc., Jackson, MS., 7-72 - 5-74 / 5-75 - 12-77. (Winnfield General Hospital, Winnfield, LA 72-74, Staff Technician, Respiratory Therapy) (Many Hospital, Many, LA / Franklin Parish Hospital, Winnsboro, LA, 5-75 - 12-77, Department Head, Respiratory Therapy)
Rapides General Hospital, Alexandria, LA, 5-74 - 5-75, Staff Technician, Respiratory Therapy
Winnfield General Hospital, Winnfield, LA, 5-72 - 7-72, Staff Technician, Respiratory Therapy

Current Employment Responsibilities

Hyperbaric Safety Systems, LLC produces safety accessories for monoplace chambers that I designed. I am responsible for design, manufacturing, and marketing of our product line, which features the ASOS and ASOV automated shutoff and ventilation systems. In addition to manufacturing safety systems, I also provide a full range of consultive, management, technical, and educational services to providers of hyperbaric therapy. Utilizing my wide range of hyperbaric experience I provide assistance to hyperbaric providers on topics including: market analysis, feasibility studies, equipment specification and acquisition, facility design, training, hyperbaric chamber repair and preventive maintenance, regulatory and reimbursement issues and operational management consultation and support.

CREDENTIALS

Current, date attained

Certified Respiratory Therapy Technician, 1974 (inactive)
Registered Respiratory Therapist #18892, 1983 (inactive)
Certified Hyperbaric Technologist #340 (with distinction), 1993

Previous, date attained

Licensed Respiratory Therapist, State of Louisiana #106, 1987
CPR Instructor-Trainer
Advanced Cardiac Life Support Instructor
Emergency Medical Technician, 1978
CPR Instructor-Trainer, 1979
CPR Affiliate Faculty, 1979

HONORS and AWARDS

Paul C. Baker Award for “outstanding contributions to the advancement of safety in hyperbaric worldwide.” UHMS Associates, June 2006

Award for Excellence in Paper Presentation, UHMS Associates, June 2005

1st Place, UHMS Talent Sow, May 1998

3rd Place, Scientific Papers, Tri-State Respiratory Therapy Conference, August 1986

2nd Place, Scientific Papers, Tri-State Respiratory Therapy Conference, August 1984

Outstanding Young Men of America, 1984

Service Award, Central Louisiana EMS Council, 1983

ORGANIZATIONS AND ASSOCIATIONS

Hyperbaric Oxygen Therapy Association (founding member)

Treasurer, 1999 – 2000
Vice President, 1998-9

Undersea and Hyperbaric Medical Society

Associate Member Since 1986

Member, Associates Nominations and Awards Committee, 1997 – 99

Chair, Nominations and Elections Committee, 2000

Chairman-elect, UHMS Associates, 1999 – 2001

Chairman, UHMS Associates, 2001- 2003

Associates Board Member 2003-2007

Chair, UHMS Associates Facility Design Committee, 2003-present

Surveyor, UHMS Hyperbaric Facility Accreditation Program, 2002 – present

Member Facility Accreditation Council, 2003-2005

Webmaster, UHMSAssociates.org 2002-2008
Member UHMS website committee, 2005
American Society of Mechanical Engineers
Pressure Vessels for Human Occupancy, Post-Construction Subcommittee 2009 - present
National Fire Protection Association
Committee on Hyperbaric and Hypobaric Facilities, 1997 - 2002
American Association for Respiratory Therapy
1974 - 2002
Louisiana Society for Respiratory Therapy
Treasurer (by appointment), 1985
Chairman, Publications Committee, 1985
Editor, the AEROGRAM, 1985

Chairman, Program Committee, 1985

Chairman, Membership Committee, Reapportionment Committee 1984

Co-Chairman, Program Committee, 1984-85
Member, Legislative Committee, 1984-85

Member, Public Relations Committee, 1984
Moderator, 1983 Annual Meeting
American Heart Association - Louisiana Affiliate

CPR-Emergency Cardiac Care Committee 1979-82

AHA-LA, Area III CPR Committee Chairman, 1982-83
Central Louisiana Emergency Medical Services Council

Secretary, 1982-83

CIVIC/OTHER ORGANIZATIONS AND PUBLICATIONS

Urban Campfires community house concert series – a monthly music series featuring singer-songwriters. Host/webmaster, 1998-present www.urbancampfires.com

San Antonio/Bexar County Metropolitan Planning Organization, Bicycle Mobility Advisory Committee, 2005-2006

International Human Powered Vehicle Association, Member, 2002-2005

“Bent Biking in Holland”(recumbent bicycle touring in Holland), BentRider Online, Volume 2.6, June 2001, www.bentrideronline.com

PROFESSIONAL PUBLICATIONS and SPECIAL PROJECTS

Hyperbaric Medicine Today magazine: Columnist “Hyperbaric Humor” and contributing writer “Guide to Transcutaneous Monitors”, conference reports, appearing in Volume I, Issues 4 & 5, 2001

Chapter: “Static Electricity” in Workman, W.T. ed., Hyperbaric Facility Safety: A Practical Approach, Best Publishing Co., 1999

“More Efficient Cooler for Arterial Blood Samples”, Resp. Care, Jan. ‘77

Response to” Questions about Blood Gas Cooler”, Resp. Care, May ‘77

“Development of a Neonatal Transport System - One Hospital’s Experience” (Co-author: Dennis Wissing, RRT), Presented at Tri-State Respiratory Therapy Conference, Biloxi, MS, 1983. First Place Award, Scientific Papers

“Respiratory Therapy In Louisiana - A Survey” (unpublished) conducted for the Louisiana Society for Respiratory Therapy, April 1984. Second Place Award, Scientific Papers, Tri-State Respiratory Therapy Conference, Biloxi, MS, August 1, 1985.

“Competition - the Name of the Game” (Co-author: Joyce Chiantella, RRT) “Biofeedback” (published by Biosystems Institute, Inc.), Vol. 1, No. 2, 1985

“Design Considerations in the Selection of a Hyperbaric Chamber” (unpublished) presented at Scientific Papers (Third Place Award), Tri-State Respiratory Therapy Conference, August, 1986

Initial concept, primary designer and construction coordinator for St. Frances Cabrini Hospital’s Infant Special Care Center Infant Transport Vehicle, 1981-82

Developed and initiated the Regional Hyperbaric Center for St. Patrick Hospital, 1986

TEACHING EXPERIENCE

Faculty member, National Healing Institute, “Principles of Wound Healing and Hyperbaric Medicine, conducted monthly at Ohio State University, 2007-2008 Trained approximately 600 physicians, nurses, and technologists

Inspecting Cylindrical Hyperbaric Chamber Windows”, Faculty Member, Inspection, Maintenance, and Documentation of Hyperbaric Acrylics (multiple courses since 2006), International ATMO, San Antonio, TX

Program director and lead instructor for Medical Multiplex, Inc.’s “Hyperbaric Medicine Introductory Course” (NBDHMT-recognized, 2002) and “Introduction to Hyperbaric Medicine” course (CME program through UHMS, 2003). This course trained over 500 physicians, nurses, and technologists

Lecturer “Critical Care in the Monoplace Chamber” for International ATMO, Inc., San Antonio, TX Hyperbaric Medicine Team Training course (quarterly, 2000 - 2003).

Developed and lead instructor for Hyperbaric Oxygen Inc./TotalWound Treatment Center’s “Introduction to Wound Care and Hyperbaric Medicine” course (NBDHMT-recognized): trained over 100 nurses and technologists 1995 - 2000.

Lecturer on operation of the Sechrist 2500/3200 series chambers and 500A ventilator as part of a 40 – hour physician/nurse/technologist training course co-conducted by UTMB/Galveston and Dr. Jeff Stone. July 1998

Produced and delivered a 1 hour CEU teleconference program for respiratory therapists across the US provided by the University of Texas Teleconference Network. 1998

Provider of specialty training for HOI/TWTC/MMI – focus on Sechrist 500A hyperbaric ventilator. 1992 – 2004

Developed and implemented training program for users of Reneau hyperbaric chambers 1987 - 92

Clinical Evaluator, California College for Health Sciences, 1984

Instructor for approx. 20 Advanced Cardiac Life Support Courses throughout Louisiana 79 - 86

ACLS course coordinator, St. Frances Cabrini Hospital, 1983

Assistant Instructor, 2 EMT courses, Minden, LA, 1978 - 79

Taught Aspects of CPR, Advanced Life Support, and Respiratory Therapy to medical and nursing students at National Hospital San Felipe, Tegucigalpa, Honduras, Feb. 1979

Instructor for 10 CPR Instructor courses 1977 - 82

Primary or assistant instructor for numerous in-house and public CPR courses, 1977 - 87

Initial concept, major development and primary instructor of Alexandria Vo-Tech Institute’s first Respiratory Care Assistant Program, 1982

SPEAKING ENGAGEMENTS

- “Challenges in the Monoplace World”, UHMS Annual Scientific Meeting, Maui, HI, June 2007
- “Hyperbaric Facility Design and the AIA, UHMS Annual Scientific Meeting, Orlando, FL, June 2006
- “Air Break Masks for Monoplace Chambers”, UHMS Annual Scientific Meeting, Las Vegas, NV, June 2005 (Presentation Award Winner)
- “Selecting Smoke Hoods for Hyperbaric Facilities” UHMS Annual Scientific Meeting, Las Vegas, NV, June 2005
- “Hyperbaric Facility Design Recommendations” UHMS Associates Annual Scientific Meeting/Joint Meeting with BNA and UHMS Gulf Coast Chapter, Dallas, TX, August 2004
- “Static Sparks” and “UHMS Facility Accreditation Update”, August 2003, Technical Aspects of Hyperbaric Chamber Safety, San Antonio, TX
- “Designing a Monoplace Facility”, UHMS Annual Scientific Meeting, Quebec City, Canada, June 2003
- Session moderator, UHMS Associates Annual Meeting 2002
- “Buyer’s Guide to Transcutaneous Oxygen Monitors”, UHMS Annual Scientific Meeting, June 2001
- “Practical Aspects of Static Control”, March 1997, March 1998, April 1999 at Technical Aspects of Hyperbaric Chamber Safety seminar, San Antonio, TX.
- “Ignition Characteristics of Textiles Exposed to 100% Oxygen at 2.4 ATA”, March 1998, UHMS Gulf Coast Chapter Meeting, Galveston, TX
- “The Risk of Static Spark Ignition in Enriched Oxygen Environments” Presented at seminar: “Oxygen, Understanding the Risk”, Hobart, Tasmania, August 1996; a meeting of the National Fire Protection Association Hyperbaric/Hypobaric Subcommittee, San Antonio, TX, October, 1996; UHMS Gulf Coast Chapter Meeting, Panama City, Florida, March, 1997; Undersea and Hyperbaric Medical Society Annual Meeting, Cancun, Mexico, June 1997
- “Using Tympanometry to Assess Eustachean Tube Function” Winter Symposium on Baromedicine, Breckenridge, Colorado, January 1994 and at the Hyperbaric Technician and Nurses’ Association of Australia Annual Meeting, Hobart, Tasmania, August 1996
- “Oxygen Diffusion Through Occlusive Dressing Materials During Hyperbaric Exposure - A Preliminary Report of Methodology and Initial Data”, annual meeting, Gulf Coast Chapter, Undersea and Hyperbaric Medical Society, Ft. Lauderdale, Florida, April 1993
- “Hyperbaric Oxygen Therapy and the Respiratory Care Practitioner”: Mississippi Society for Respiratory Care Annual Meeting, October 1992; Cenla Chapter, Louisiana Society for Respiratory Care, February 1993
- “Hyperbaric Oxygen Therapy and the Expansion of Respiratory Care Services”: LSRT Chapter II Lake Bistineau Retreat, September 1986; Arkansas Society for Respiratory Care Annual Meeting, September 1986; Louisiana Society for Respiratory Therapy Annual Convention, February 1987; Iowa Society for Respiratory Care Annual Meeting, March 1987
- “Clinical Application of Hyperbaric Oxygen Therapy”: TriState Respiratory Therapy Conference, August 1987; West Virginia Society for Respiratory Care Annual Meeting, August 1988
- “Hyperbaric Oxygen Therapy and Transcutaneous Oxygen Monitoring”: Novamatrix Medical Systems national sales meeting, November 1987

SUMMARY OF SPECIALTY EXPERIENCE

37 Years Progressive Management Experience

- 14 Years Respiratory Critical Care and Specialty Areas (7 ½ Adult ICU, 1 ½ in Neonatal ICU)
- 24 Years of experience in virtually all aspects of clinical hyperbaric oxygen therapy.