

# THE ASA M SENSOR

Volume 2, Number 1

January 1992

THE QUARTERLY NEWSLETTER OF THE  
AMERICAN SOCIETY OF ANESTHESIA TECHNOLOGISTS AND TECHNICIANS

## President's Message ...

by Dennis McMahon

If, as an early philosopher said, only the educated are free, then many of us left San Francisco in late October a bit more liberated than when we arrived. On review of the course evaluations and comments, the ASATT educational program and meeting met its objectives, and served the Society's primary goal of uniting people in our specialty from across the continent. In terms of attendance, success had its problems; registration was triple that of the 1989 meeting, and last-minute arrivals exceeded the capacity of the meeting facility. Organizing a conference involves a great deal of unappreciated work. Our collective thanks to Peter Chase, John Spaulding, and many others who spent untold time and effort in making the meeting a success. We appreciate as well the corporate support of Anaquest, Diatek, Electromedics, Drager, Ohmeda, and Organon. Chris Patterson and George Mann also deserve recognition for setting up and managing our exhibit booth at the ASA display hall. We had a very good response from the many clinicians who stopped by the exhibit. Plans are already under way for our annual meeting in New Orleans, the third weekend of October. Preliminary details will be announced in the April *Sensor*; keep it in mind as you plan your year.

Something old and something new in your Society leadership for '91-'92: Despite an initial reluctance, your president consented to run for a second term and had his worst fears confirmed by being re-elected. George Mann of SUNY at Syracuse, New York was elected Vice-President. George brings

along his experience in our field as well as his organizational skills. Most of the regional directors begin their second half of a two-year term, except for Region 3, where Geoffrey Bright at Shands Hospital in Gainesville, Florida takes over. Welcome, Geoff. And editing the *Sensor* now is Paul Faulpel, Jr. from Children's National Medical Center in Washington D.C. (I told him that this will be child's play.) Paul encourages all members to contribute articles and ideas for the newsletter. Give him a call at work (202-745-2015), or at home (301-598-2949). It's *your* newsletter.

Something for your mailbox as well within the next four weeks: The annual membership survey will be sent, along with a ballot on some proposed changes in the Society bylaws. *Please respond to these mailings*; the membership survey

provides a current profile of our specialty that is valuable for monitoring our progress in terms of duties and compensation, and the bylaws ballot gives you direct input into the operation of your Society. Results of both the survey and ballot will be published in the April *Sensor*.

Finally, the draft of the ASATT Training Guidelines is being reviewed by the Patient Care Team Committee of the ASA and by our liaison with the AANA. An enhanced version will be issued in mid-1992, including a recommended reading list. If you have any suggestions for references in anesthesia technology, contact Jami Blue, Director for Region 5. Give some thought to the Training Guidelines and to your training in anesthesia technology. "Only the educated are free".

AAMI

presents

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for

Technicians

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March 27-28, 1992 • Chicago, IL

September 18-19, 1992 • Dallas, TX

### Support of Anesthesia

### Delivery Systems

March 29-31, 1992 • Chicago, IL

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Call the AAMI office at 1-800-332-2264,  
ext. 201 or 212 to register or for more information!

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### Secretary

Chris Patterson  
San Jose Medical Center  
San Jose, CA  
408 977-4500

### Treasurer

Lee Amorin  
Harborview Medical Center  
Seattle, WA  
206 223-3055

## 1991-1992 REGIONAL DIRECTORS:

### Region 1: ME,NH,VT,MA,RI,CT,NY,NJ

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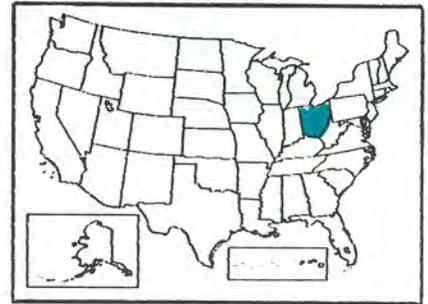
## NEWSLETTER EDITOR:

Paul Faulpel, Jr  
Childrens Nat'l Medical Center  
Washington, D.C.  
202 745-2015 (work)  
202 939-5999 (fax)  
301 598-2949 (home)

## The View From...

### THE VETERANS ADMINISTRATION MEDICAL CENTER, CLEVELAND, OHIO

by Wilma Frisco,  
Chief Anesthesia Technician



The V.A. Medical Center of Cleveland is a two-site hospital operated under the Department of Veterans Affairs. The Medical-Surgical Center is located on the beautiful historical site of Case Western Reserve in Cleveland; our psychiatric hospital is located in Brecksville, Ohio.

In January of this year a new surgical arena was dedicated and opened. The arena consists of the operative suites, post anesthesia care unit, surgical intensive care, several classrooms, offices, satellite pharmacy, and supply and processing divisions.

The anesthesia service here is directed by Dr Brian Bevacqua. In addition to the chief, there are four staff anesthesiologists, three anesthesia residents from Case Western Reserve University, five nurse anesthetists, and currently two technicians. With the recent retirement of the Lead Technician, the medical center is currently seeking an additional full-time technician. Our residency program is directed by Dr John G Fraser, associate professor of anesthesia at Case Western Reserve. Recently, a Pain Management Service was established; the program is directed by Dr Douglas Eastwood, emeritus professor of anesthesia.

The O.R. suite consists of seven major operating rooms, two cysto rooms, a regional block room, and pre-induction room. The department is equipped with the latest state-of-the-art technology. Ohmeda gas machines, both the Excel and Modulus II models, are in all areas. Spacelabs monitoring equipment is used throughout the hospital. The blood recovery system ("cell-saver") used primarily in vascular cases is from

Haemonetics. Nova Corp analyzers in the anesthesia laboratory are used for blood gases, electrolytes, and glucose studies. Just recently a patient data record system was installed in the department.

The anesthesia technicians are a vital part of the staff at the VAMC. They assist in the pre-operative placement of invasive monitoring lines (arterial, CVP, and pulmonary artery). The techs set up and provide direct assistance during laser surgery. All blood gases for the PACU and the Intensive Care units are performed by the anesthesia technical staff. The anesthesia techs act as liaisons with the engineering division, sales representatives, pharmacy, and other areas of the hospital. We assist in the induction, extubation, and transport of the patient to and from the PACU and Intensive Care units. The technicians provide vital support to the residents by their thorough knowledge of the O.R. and the administrative and medical regulations of the VAMC.

The Anesthesia Service at the Cleveland VAMC is a rapidly growing area of the hospital. It offers the technicians an environment of continuous education and exposure to the most recent advancements in anesthesia technology. It has been a great joy for me to have been a part of the anesthesia team here.

As a final note, it should be mentioned that this department and medical center were most encouraging and supportive during the formation and establishment of the Ohio Society of Anesthesia Technicians and Technologists.

Decision-Making in Anesthesia:

## Design of the Workstation

# The Society for Technology in Anesthesia 2nd Annual Meeting

San Diego  
January 30-February 1  
1992

## COURSE OBJECTIVES

AUDIENCE: Anesthesiologists, nurse anesthetists, anesthesia technicians, engineers involved in clinical instrumentation, design engineers, executives in the clinical device industry, and others interested in the problems inherent in design of the anesthesia workstation.

EDUCATIONAL OBJECTIVES: Registrants will be able to 1) Identify 3 major defects in anesthesia workspace design, 2) Inspect a sample workspace design and identify 2 problems requiring correction, 3) Name 3 elements of good workspace design, 4) Identify 3 human factors considerations in the anesthesia workstation, 5) Name 2 new developments in Data Monitoring, 6) Name 2 problems in Information Management in anesthesia.

STA

128 E. Court Street  
Hastings, MI 49058, USA  
(800)875-2525 or (616)945-5110  
FAX (616)948-2507

## Available on Loan APSF Patient Safety Video Tapes

The ASATT now has available the current set of video tapes on various aspects of patient safety in anesthesia, for 2-week loan to any Society member. The tapes, produced by the ASA and the Anesthesia Patient Safety Foundation, lend themselves to inservice training within your department or as a supplement to your regional technician society meetings. Subjects vary from 15 minutes to 40 minutes. They were provided through the generosity of the Burroughs-Wellcome Company, and are also available from your Burroughs representative.

Cassette 1:  
*Introduction*  
*Preventing Mishaps*  
*Machine Checkout*

Cassette 2:  
*Anesthesia Record Keeping*  
*Human Error in Anesthesia*  
*Adverse Events*

Cassette 3:  
*Using the Six Senses*  
*Monitoring with Instruments*  
*Anesthesia Equipment Service*

Cassette 4:  
*Monitoring the Neuromuscular Junction*

Cassette 5:  
*Patient Safety in the PARU*

Cassette 6:  
*The Impaired Practitioner*

Cassette 7:  
*Obstetric Anesthesia*

Cassette 8:  
*Anatomy of an Anesthesia Machine*

Cassette 9:  
*The Difficult Airway, Part 1*

## POSITION AVAILABLE

### North Carolina

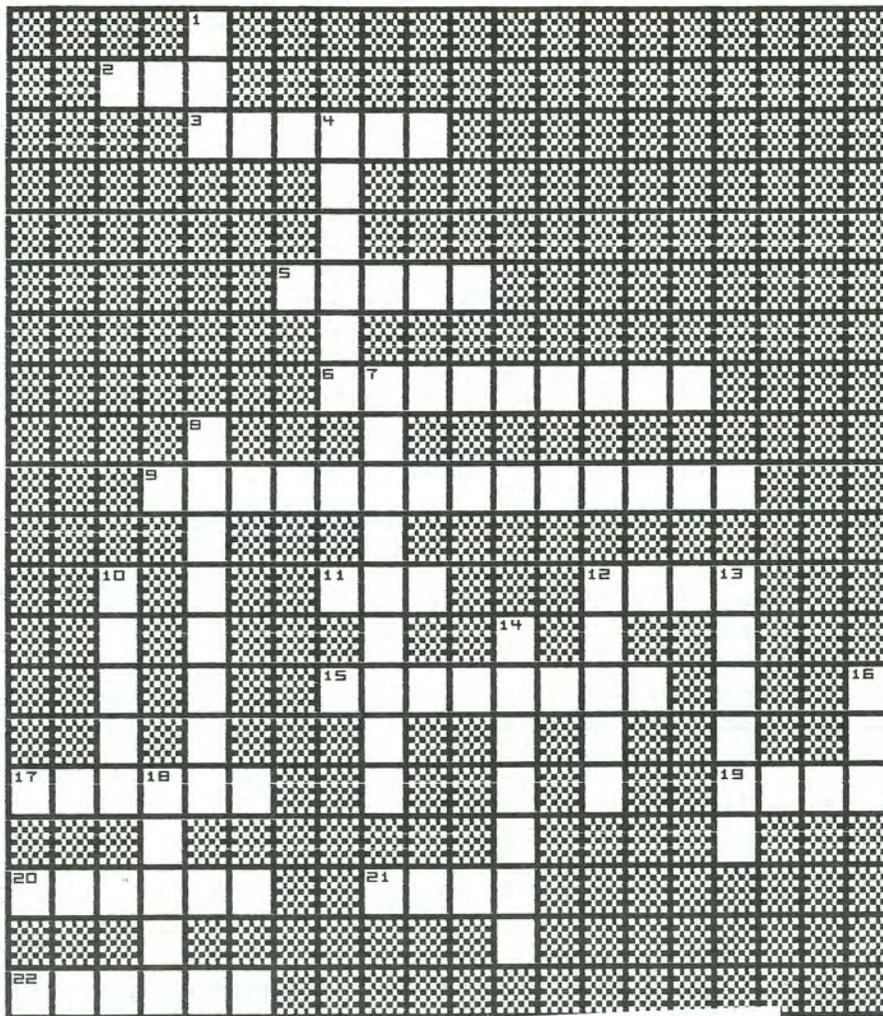
Frye Regional Medical Center is accepting applications for an experienced anesthesia technologist. Duties include direct support in the heart room, and night & weekend call.

Minimum qualifications: 2 years experience as an anesthesia technician-technologist, and familiarity with open heart procedures.

Contact: Darlene Bolick @ (704) 324-3287  
or send resume to:

Darlene Bolick, Anesthesia  
Frye Regional Medical Center  
420 North Center Street  
Hickory, NC 28601

To borrow one of the tapes,  
call the ASATT: 800-352-3575



## Answers to previous puzzle:

LIDOCAINE  
 M T H  
 ISOFLURANE A  
 D A L K  
 A SUCCINYLCHOLINE  
 Z U T T  
 O P R H A  
 L R I N A M  
 A O BUPIVACAINE I  
 M P M L E N  
 A O E  
 M N X A  
 O O PANCURONIUM L  
 R L R N B  
 PROPOFOL VECURONIUM  
 H L C T  
 I A E  
 N THIOPENTAL R  
 E N O  
 ENFLURANE L

## Gases for the Masses

References: Pamphlet P-2, 6th ed: Compressed Gas Association, Arlington, VA  
 Medical Gas Catalog: Airco Medical Gas Corp., Murray Hill, NJ

### ACROSS

- 2 The labelling and purity of medical gases is regulated by the \_\_\_\_\_ (abbr).
- 3 After attaching a cylinder to its fitting, it should be opened \_\_\_\_\_.
- 5 The color code for oxygen outside the U.S. is \_\_\_\_\_.
- 6 A device that reduces the pressure of a gas and controls its flow.
- 9 The manufacture and handling of gas cylinders is regulated by the U.S. Department of \_\_\_\_\_.
- 11 When full, the pressure in an "E" cylinder of oxygen is almost one \_\_\_\_\_ per square inch.
- 12 The color code for carbon dioxide is \_\_\_\_\_.
- 15 The gas-specific connection system for large cylinders and piped gas supplies is the \_\_\_\_\_ Index Safety System.
- 17 \_\_\_\_\_ is not flammable, but is hazardous in that it actively supports combustion.
- 19 A cylinder valve should be \_\_\_\_\_ only when the gas is to be used soon.
- 20 At room temperature, compressed N<sub>2</sub>O and CO<sub>2</sub> are in what state?
- 21 The color code for nitrous oxide is \_\_\_\_\_.
- 22 When released to atmospheric pressure, the volume of a full "E" cylinder of oxygen is about 1600 \_\_\_\_\_.

### DOWN

- 1 At room temperature, compressed oxygen and medical air are in what state?
- 4 An "E" cylinder should never be installed without a \_\_\_\_\_.
- 7 Oil, grease, and other organic matter should never be applied to cylinders, valves, regulators, or fittings due to the risk of \_\_\_\_\_.
- 8 Because of the change of state of some gases during use, the \_\_\_\_\_ indicated at the cylinder will remain unchanged until very near exhaustion.
- 10 The pressure of piped medical gases at the user connection is about \_\_\_\_\_ pounds per square inch.
- 12 The color code for oxygen in the U.S. is \_\_\_\_\_.
- 13 The color code for medical air is \_\_\_\_\_.
- 14 Any gas cylinder, whether in use or in storage, must be \_\_\_\_\_.
- 16 The gas-specific connection system for smaller cylinders is the \_\_\_\_\_ Index Safety System.
- 18 A device that indicates the pressure or flow of a gas.

## TECHNICALLY SPEAKING ...

by Wes Simpson II, San Diego, CA

This edition of Technically Speaking focuses on lectures and papers presented during the 1991 ASA meeting in San Francisco. Always an excellent source of information, the September issue of *Anesthesiology* (which contains abstracts of the papers presented) and the Refresher Course Lectures are worthwhile additions to your library.

Benumof JL, Gaughan S, Ozaki C: Operative lung CPAP with the Univent bronchial blocker tube. (Abstract) *Anesthesiology* 1991 Sep;75(3A):A120.

*Describes a simple technique for providing CPAP to the "down lung" when using a Univent tube.*

Gaughan SD, Benumof JL, Ozaki AS: Can an anesthesia machine flush valve provide for effective jet ventilation? (Abstract) *Anesthesiology* 1991 Sep;75(3A):A130.

*Describes flow characteristics and potential limitations of using the common gas outlet to provide positive pressure for jet ventilation. Concludes that while a Drager machine is capable of supporting jet ventilation, an Ohmeda is not.*

Sosis M, Braverman B, Ivankovich AD: Metal anesthesia components stop laser fires. (Abstract) *Anesthesiology* 1991 Sep;75(3A):A393.

*This study concludes that using a metal wye and elbow can prevent an endotracheal tube fire from spreading to a disposable breathing circuit.*

Klein AS, Blanch PB: Evaluation of six ventilators within the MRI environment.

(Abstract) *Anesthesiology* 1991 Sep;75(3A):A403.

*This study compares the suitability of six ventilators for use within a 1-Tesla shielded MRI environment. Ventilators specifically designed for use with the MRI were compared with those that were not.*

Nielson J, Pederson FM, Knudsen F, Jensen FB, Ibsen M: The accuracy of anesthetic agent vaporizers can be improved by implementing self-performed calibration checks and selective recalibration. (Abstract) *Anesthesiology* 1991 Sep;75(3A):A417.

*This study of 94 vaporizers concluded that routinely checking vaporizer calibration at 3 month intervals results in higher accuracy than an annual factory check, and that vaporizers checked quarterly need only be recalibrated if found outside acceptable limits.*

Schulte GT, Block FE Jr: What really happens when the wrong agent is poured into a vaporizer? (Abstract) *Anesthesiology* 1991 Sep;75(3A):A420.

*Concludes that in 5 of 6 cases, the output of a misfilled vaporizer was only slightly less or greater than the expected MAC output. Asserts that there is no documented*

*case of patient injury or death caused from misfilling a modern vaporizer. Compares different technologies utilized by agent analyzers, and their potential limitations. Argues that agent ID capability is desirable in the absence of key-fill vaporizers.*

Roth JV, Wiener LB, Barth LJ, Profeta JP: A new CO<sub>2</sub> sampling cannula. Oxygenation and capnography. (Abstract) *Anesthesiology* 1991 Sep;75(3A):A481.

*Demonstrated that use of a single prong for oxygenation was as effective as two prongs, and that the ET<sub>CO</sub><sub>2</sub> readings correlated very well between the cannula and PaCO<sub>2</sub>.*

Gilmour IJ, Boyle MJ, Streifel A: Humidifiers kill bacteria. (Abstract) *Anesthesiology* 1991 Sep;75(3A):A498.

*Compared bacteria aerosolization of a bubble-through humidifier "BTH" (Cascade 1) and a low-compliance heated humidifier (Concha-Therm). Concludes that while a BTH does aerosol bacteria, a heated humidifier which is capable of providing a distal temperature of 35 C will effectively eliminate bacteria in vaporizing chambers.*

Brooks JHJ, Gupta B, Baker D: Anesthesia machine contamination. (Abstract) *Anesthesiology* 1991 Sep;75(3A):A874.

*This study found that 25% of circle systems (measured at inspiratory valve, expiratory valve, and CO<sub>2</sub> canister) and 44% of ventilators (measured at the bellows and/or ventilator expiratory valve) were contaminated with a variety of bacteria in spite of the use of disposable breathing circuits and bags, and the use of filters. The study fails to mention whether or not the hospital has established terminal cleaning intervals, and whether or not any of the cultured bacteria were capable of being aerosolized and actually delivered to a patient.*

Adsorption characteristics of soda lime and barium lime. *Aust Therap Dev Bull*, Aug, 91(2);3.

*Compares and contrasts the characteristics of soda lime and barium lime. Concludes that barium lime has only 25% of the absorbent capacity of soda lime.*

Raferty S, Enever G, Prys-Roberts C: Oesophageal contractility during total IV anesthesia with and without glycopyrronium. *Br J Anaesth*. 1991;66:566-571.

*Measured the decrease in esophageal contractility after the use of glycopyrrolate. The authors suggest that monitored provoked esophageal contractility or esophageal contractility index is not appropriate for determining the depth of anesthesia when glycopyrrolate has been given.*

**NEW MEMBERS...** Welcome to the following new *ASATT* members, entered on the roster since Sept. 23rd:

Deborah Adams  
Saginaw, MI  
Pamela Albro  
Mt Clemens, MI  
Louis Allen  
Houston, TX  
Leona Austin  
Richmond, CA  
Glenn Balinao  
Brookfield, IL  
Alan F. Bogue  
Seattle, WA  
Rebecca Borders  
Ellenwood, GA  
Abel Borromeo, Jr  
Brier, WA  
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Kevin Burrow  
Noblesville, IN  
Louise Campbell  
Lincoln Center, MA  
Glenda Carter  
Tampa, FL  
Angie M. Cooper  
Knoxville, TN  
Tim Curran  
Sacramento, CA  
Christina A. Daniels  
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Joan A. Daniels  
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Clarrissa Davis  
Lawton, OK  
Essie Davis  
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Tammy L. Distler  
Las Vegas, NV  
Helen L. Duvall  
Arronsburg, PA  
Richard Emerick  
Whitmore Lake, MI  
James M. Feazel  
Clearwater, FL  
Dave Fender  
Mar Vista, CA  
Maria M. Fillmore  
Bryans Road, MD  
Gracie Green  
Houston, TX  
Ernie C. Guerra  
San Jose, CA  
Maryellyn Heller-Britton  
Fairview Park, OH  
Jackie Hensel  
Sacramento, CA  
Mohammad Jafri  
New Jersey, NJ

Lloyd Jennett  
Saskatoon, Sask  
Ann L. Kintz, RN  
Piedmont, CA  
Lucille J. Kralovetz  
Sheboygan, WI  
Seik Kyan  
Montebello, CA  
Robert Lastinger  
Fremont, CA  
Judy M. Lundsted  
La Mesa, CA  
Mikhail Maleev  
San Jose, CA  
Rosaida M. Martin  
Houston, TX  
Marilyn Martin  
Fort Riley, KS  
Kim Morley  
Mountain View, CA  
Richard Neff  
Dallas, TX  
Linda Ellen Nester  
Charleston, WV  
Gary Nichols  
Bedford, Nova Scotia  
Daniel O'Sullivan  
Flushing, NY  
Arnaldo Ocampo  
Chicago, IL

Dion E. Poitier  
Philadelphia, PA  
Carrie M. Porter  
Philadelphia, PA  
Andrew Reeb  
Pittsburg, PA  
Carlos A. Ramirez  
La Mesa, CA  
Todd Reed  
Bluffton, IN  
Michael Reuter  
Omaha, NE  
Edith Roche, CRNA  
Albuquerque, NM  
Griennette Rogers  
Passaic, NJ  
Robert Ruby  
Pierce, CO  
Leonie Rugebregt  
San Jose, CA  
Wendy D. Runyon  
Trinity, NC  
Linda Russell  
Kingsport, TN  
Jane L. Sanderson  
York, PA  
Karen D. Serveau  
Port Orchard, WA  
Robin Tang  
The Colony, TX

Tommy Traver  
Houston, TX  
Ed Vasquez  
Orlando, FL  
Delores F. Wehr  
Womelsdorf, PA  
Beverly Weppler  
Las Vegas, NV  
Martha Wheelless  
Houston, TX  
Denise Zee  
Alamo, CA



University of Colorado  
Department of Anesthesiology

## CRASH '92

Colorado Review of Anesthesia  
and Ski Holiday

# Vail

## Colorado

February 28 - March 2, 1992

**Featured Speaker: Clayton Petty, M.D.**

This unique 2-1/2 day course entitled "Principles of Anesthesia Technology" will cover a broad spectrum of current topics in the field of anesthesia relevant to the interests of Anesthesia Technicians. This course is being offered to provide workshops and hands-on experience with new equipment and technologies developing in anesthesia today.

For more information please contact Jami Blue, Chief Anesthesia Technician, Technician Course Director, at (303) 270-4092.

### TOPICS:

- History of Anesthesia Machines
- Anesthesia System Design
- AT Certification
- Anesthesia Safety
- Large Volume Infusion Devices
- Quality Care Issues
- Endoscopic Laser Surgery
- Transporting the Critically Ill
- Fiber Optics

### WORKSHOPS ON:

- Anesthesia Machine Checkout
- Machine Fundamentals
- Troubleshooting Equipment and New Technology
- Troubleshooting Machines

## REGIONAL SOCIETY ACTIVITIES ... by Dianne Holley

Let us know what's happening in your area! Send a brief report of recent and future activities for the next issue by March 14, 1992 to Dianne Holley, 3810 Tonkawa Trail, Austin, TX, 78756, 512-451-7457 or 512-323-1000 x 4037.

### California -

Beautiful Monterey, California is the site of the annual meeting of the *California Association of Anesthesia Technicians and Technologists*, May 29-31, 1992. The educational program is currently being finalized. Brochures will be available in late January or early February. CAATT is also preparing to elect new regional directors, and is continuing to work with the *California Society of Anesthesiologists* to develop a formal educational program for technicians, hopefully at a junior college level. For further information: Wes Simpson at 619-541-3453 (w) or 619-749-7375 (h).

### Colorado -

The annual *Anesthesia Technician Conference and Ski Holiday* will take place at Vail, February 28 - March 2, 1992 and is sponsored by the *Colorado Society of Anesthesia Technicians*. The conference will include lectures, workshops, and an opportunity of view exhibits at the concurrent Univ of Colorado's *Crash '92 Review of Anesthesia*.

For further information:  
Jami Blue at 303-270-8275.

### Florida -

The *Florida Society of Anesthesia Technicians* has tentative plans for a meeting in Gainesville during the last weekend of July. The Society's first newsletter, expected in January, will give more details.

For further information:  
Ed Vasquez at 407-897-1529 w (work), or 407-823-7687 (Home).

### New York -

On April 25-26, 1992, the *Syracuse Anesthesia Technician Seminar and Workshop* will be held at the SUNY Health Science Center, Syracuse. The 1992 goal of the *New York State Anesthesia Technology Association* is to increase membership by creating five smaller chapters within the state to reach more members. The chapters will be located in New York City, Binghamton/Endicott, Buffalo, Albany, and Rochester.

For further information:  
John Armstrong at 716-275-5545 or George Mann at 315-464-4640.

### Ohio -

The *Ohio Society of Anesthesia Technologists and Technicians* meets on the fourth Saturday of every month, except during major holidays. At the January 25, 1992 meeting, a CPR training and management course is planned to enable interested Anesthesia Techs to obtain CPR certification. For further information:  
Wilma Frisco at 216-541-5710.

### Texas

A Board of Directors meeting of the *Texas Society of Anesthesia Technology* is scheduled for March 28th, 1992 in Dallas, concurrent with the annual meeting of the *Texas Association of Nurse Anesthetists*. A regional meeting is also tentatively planned for the same date and location.

For further information:  
Dianne Holley at 512-451-7457.

### Virginia -

A Tri-State meeting (Virginia, Pennsylvania, and Maryland) of the *Virginia Society of Anesthesia Technologists and Technicians* is planned for Saturday and Sunday, May 16 and 17, in historic Williamsburg, VA. This meeting is in conjunction with the Tri-State Meeting of Anesthesiologists. The agenda will be announced.

Lectures, lunch, and exhibits were the fare at the VSATT meeting of November 1991. Seventy anesthesia techs attended

and learned about infectious blood products and emergency management of the difficult airway. For further information: Linda Ferris at 703-985-8351.

### Washington -

The quarterly meeting of the *Northwest Society of Anesthesia Technology* is scheduled for Saturday, January 25th at University Hospital. The meeting will include a site visit of the operating room. A short business meeting will follow. For further information:  
Lee Amorin at 206-223-3059.

### Wisconsin -

The *Great Lakes Society of Anesthesia Technology* is organizing their State Meeting, set for September 1992, in Oshkosh. The meeting will coincide the Wisconsin Anesthesiologists annual meeting. The GLSAT meeting will include lectures and hands-on workshops focusing on anesthesia machines and troubleshooting them, pulse oximetry, and Critikon non-invasive blood pressure monitors. A meeting is also being considered for April in Madison. For further information:  
Dean Rux at 715-387-7179.



Ready For Action: ASATT booth at the ASA exhibit area.

# MEMBERSHIP APPLICATION

(please print or type)

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Home Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Province \_\_\_\_\_ Mail Code \_\_\_\_\_

Home Phone \_\_\_\_\_

Employer \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Province \_\_\_\_\_ Mail Code \_\_\_\_\_

Business Phone ( ) \_\_\_\_\_ FAX Number ( ) \_\_\_\_\_

May ASATT release your name to other members?  YES  NO

Are you a member of an ASATT-affiliated society?  YES  NO

If so, which society? \_\_\_\_\_

## Membership Categories:

Active	\$ 45
Active, Member of Affiliated Society	\$ 30
Associate*	\$ 60
Corporate / Institutional*	\$100

\*These categories provide all rights and privileges of active membership except holding office, chairing committees, and voting.

MAKE CHECKS PAYABLE TO ASATT

Signature \_\_\_\_\_

Date \_\_\_\_\_